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# Cabezales termostáticos para válvulas y colectores, válvulas y detentores



**THERMOSTATIC HEADS**



**ELECTROTHERMIC ACTUATORS**



**VALVES WITH THERMOSTATIC OPTION FOR DOUBLE PIPE SYSTEMS**



**THERMOSTATIC KIT AND THERMOSTATIC VALVES FOR DOUBLE PIPE SYSTEMS**



**DOUBLE SETTING THERMOSTATIC VALVES FOR DOUBLE PIPE SYSTEMS**



**MANUAL VALVES FOR DOUBLE PIPE SYSTEMS**



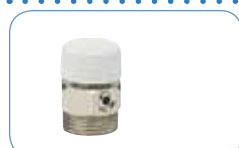
**LOCKSHIELDS FOR DOUBLE PIPE SYSTEMS**



**FOUR-WAY VALVES WITH THERMOSTATIC OPTION FOR SINGLE PIPE AND DOUBLE PIPE SYSTEMS**



**SINGLE PIPE MANUAL VALVES**



**RADIATOR AIR VENTS**

## CABEZALES TERMOSTÁTICOS



### Art. 1100 - Art. 1101

Thermostatic head with **liquid sensor** for thermostatic valves for radiators. Temperature locking and limiting to a desired value with a forked pin system (see instructions on page 4). Hysteresis 0,25°C; Room temperature setting range T = 0-28°C.



| ART.   | CONNECTION THREAD | CODE       | PACKAGING |    |
|--------|-------------------|------------|-----------|----|
|        |                   |            |           |    |
| * 1100 | 28X1,5            | 821100AC20 | 1         | 50 |
| 1101   | 30X1,5            | 821101AC20 | 1         | 50 |



Forked pin for art. 1100 e 1101 (see instructions on page 4).

| CODE       |
|------------|
| 111100AC20 |

### Art. 982 - Art. 979

Electrothermic actuator with **micro switch for potential-free contact**. Normally closed. At the end of the stroke the micro switch interrupts the outgoing signal. *The product complies with the CE norm.*



Wiring:

Red-Green wires = Power supply  
Black-Brown wires = Micro Switch



| ART. | MODEL  | CONNECTION THREAD | VOLTAGE  | CODE      | PACKAGING |    |
|------|--------|-------------------|----------|-----------|-----------|----|
|      |        |                   |          |           |           |    |
| 982  | closed | 28X1,5            | 24 volt  | 82982NC54 | 1         | 50 |
| 982  | closed | 28x1,5            | 230 volt | 82982NC53 | 1         | 50 |
| 979  | closed | 30X1,5            | 24 volt  | 82979NC54 | 1         | 50 |
| 979  | closed | 30x1,5            | 230 volt | 82979NC53 | 1         | 50 |
| 979  | closed | FAR               | 230 volt | FA979NC53 | 1         | 50 |

- Power supply 24 volt or 230 volt; - opening time 3 min.;
- working temperature 5-50°C

### Art. 983 - Art. 980 Normally closed

Electrothermic **on-off** actuator normally closed. *The product complies with the CE norm.*



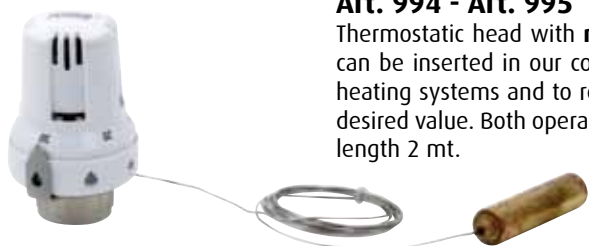
Wiring:

Brown-Blue wires = Power supply



| ART. | MODEL  | CONNECTION THREAD | VOLTAGE  | CODE      | PACKAGING |    |
|------|--------|-------------------|----------|-----------|-----------|----|
|      |        |                   |          |           |           |    |
| 983  | closed | 28X1,5            | 24 volt  | 82983NC54 | 1         | 50 |
| 983  | closed | 28X1,5            | 230 volt | 82983NC53 | 1         | 50 |
| 980  | closed | 30X1,5            | 24 volt  | 82980NC54 | 1         | 50 |
| 980  | closed | 30X1,5            | 230 volt | 82980NC53 | 1         | 50 |
| 980  | closed | FAR               | 230 volt | FA980NC53 | 1         | 50 |

- Power supply 24 volt or 230 volt; - opening time 3 min.;
- working temperature 5-50°C



### Art. 994 - Art. 995

Thermostatic head with **remote sensor. Working temperature range 20°-50°C**. The sensor can be inserted in our cockpit art. 189. Suitable to feel the water temperature in underfloor heating systems and to regulate at fixed value. Temperature locking and limiting device on a desired value. Both operations can be done without tools (see instructions on page 4). Capillary length 2 mt.

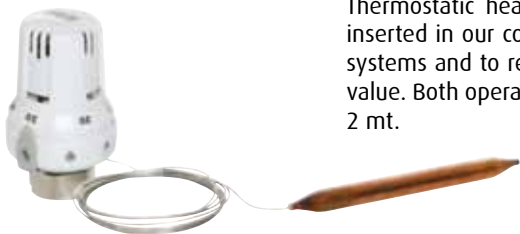
| ART. | CONNECTION THREAD | CODE      | PACKAGING |    |
|------|-------------------|-----------|-----------|----|
|      |                   |           |           |    |
| 994  | 28X1,5            | 82994AC20 | 1         | 10 |
| 995  | 30X1,5            | 82995AC20 | 1         | 10 |



### Art. 189

Cockpit for thermostatic heads with remote sensor art. 994 and 995. Cockpit length 63 mm.

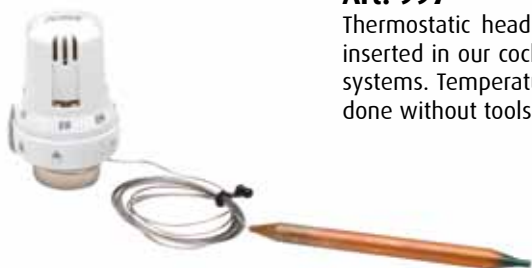
| ART. | SIZE | CODE      | PACKAGING |
|------|------|-----------|-----------|
|      |      |           |           |
| 189  | 1/2" | 87189AD06 | 10        |



### Art. 991 - Art. 992

Thermostatic head with remote sensor, **fluid setting range 20°-70°C**. The sensor can be inserted in our cockpit art. 212. Suitable to feel the water temperature in underfloor heating systems and to regulate at fixed value. Temperature locking and limiting device on a desired value. Both operations can be done without tools (see instructions on page 4). Capillary length 2 mt.

| ART. | CONNECTION THREAD | CODE      | PACKAGING |    |
|------|-------------------|-----------|-----------|----|
|      |                   |           |           |    |
| 991  | 28X1,5            | 82991AC20 | 1         | 10 |
| 992  | 30X1,5            | 82992AC20 | 1         | 10 |



### Art. 997

Thermostatic head with remote sensor, **fluid setting range 60°-90°C**. The sensor can be inserted in our cockpit art. 212. Suitable to feel the water temperature in underfloor heating systems. Temperature locking and limiting device on a desired value. Both operations can be done without tools (see instructions on page 4). Capillary length 2 mt.

| ART. | CONNECTION THREAD | CODE      | PACKAGING |
|------|-------------------|-----------|-----------|
|      |                   |           |           |
| 997  | 30X1,5            | 82997AC20 | 10        |



### Art. 212

Cockpit for thermostatic heads with remote sensor art. 991, 992 and 997. Cockpit length 132 mm.

| ART. | SIZE | CODE      | PACKAGING |
|------|------|-----------|-----------|
|      |      |           |           |
| 212  | 1/2" | 87212AD05 | 10        |



### Art. 999

Tamper-proof shell for thermostatic heads. Provided with special screws. It can be operated with the special tightening key, only. One key free of charge every 50 pieces.

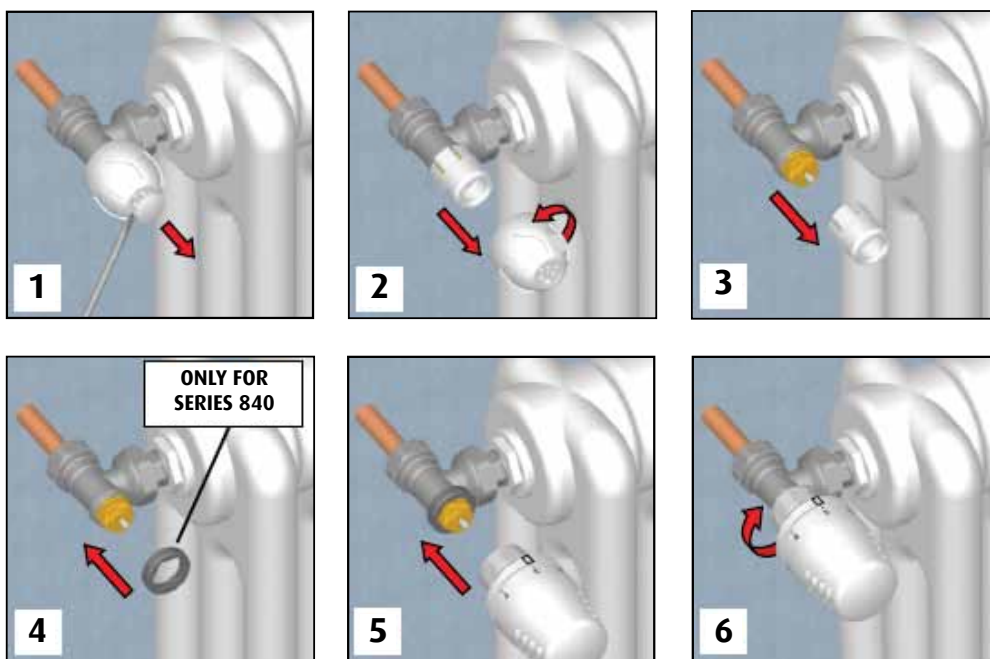
| ART. | CODE      | PACKAGING |
|------|-----------|-----------|
|      |           |           |
| 999  | 82999AC20 | 10 50     |

## COMO ELEGIR EL CABEZAL TERMOSTÁTICO ADECUADO



- 1) Choose the connection thread. For ICMA products you find the connection thread in the product description. For other suppliers' products, get in touch with our commercial department to verify the compatibility.
- 2) In presence of elements, which can invalidate the temperature recording, use art.987 or art.990.

### Installation of thermostatic heads



### Temperature blocking

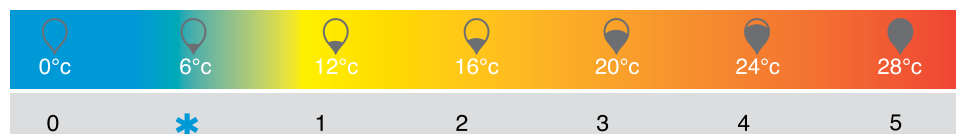


### Temperature restriction



# THERMOSTATIC HEADS FOR RADIATOR

Our thermostatic heads allow to limit and to block easily the temperature on a wished value. The indicator, the coloured drops (whose colour increases in intensity from 0 to 5) and all the other details have been conceived to facilitate the operations, which can be carried out without the use of tools. The thermostatic heads, together with our thermostatic valves, guarantee a perfect regulation of the water flow within the radiator. The markings on the handle correspond to the following temperatures:



## TECHNICAL SPECIFICATIONS:

|                                                       |        |          |
|-------------------------------------------------------|--------|----------|
| Minim. adjustment calibration (anti-freeze position): | ts min | 7°C (★)  |
| Max. adjustment calibration (position):               | ts max | 28°C (5) |
| Saving condition (position):                          |        | 20°C (3) |
| Maximum working pressure:                             | PN     | 1000 KPa |
| Maximum differential pressure:                        | Δp     | 100 KPa  |
| Nominal capacity "qm N" angle-straight:               | qm N   | 190 Kg/h |
| Maximum working temperature:                          |        | 110°C    |
| Maximum storage temperature:                          |        | 50°C     |
| Hysteresis:                                           | C      | 0.25 K   |
| Authority:                                            | a      | 0,9      |
| Response time:                                        | Z      | 20 min   |
| Differential pressure influence:                      | D      | 0,25 K   |
| Water temperature influence:                          | W      | 0,7 K    |
| Use of the protection cap:                            |        | 55°±1K   |

Connection to thermostatic expansion valves:

M28x1,5  
M30x1,5

**Thermostatic head art. 1100 certificated: UNI - EN215**



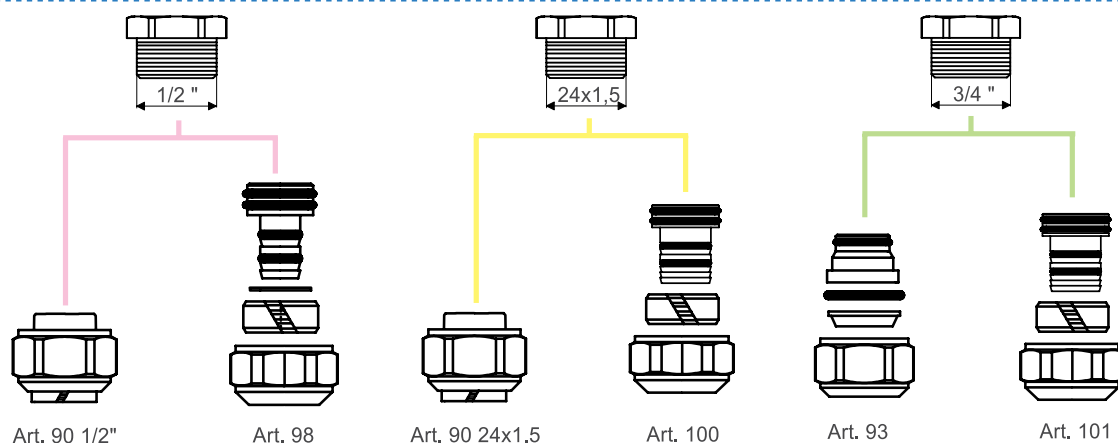
On all our valves you can install our electrothermic actuator. The combined use of electrothermic actuators and room thermostat allows to open and close the valve according to the room temperature:

- when it falls under the programmed value, the thermostat gives the impulse to the electric head to open the valve;
- when it reaches the programmed value, the thermostat gives the impulse to the electrothermic actuators to close the valve.

The combined use of electrothermic actuators and chronothermostat gives the possibility to programme the temperature according to rooms and time.

| PRODUCT CERTIFICATION                                                                                                                                                                                                                                                                                                                                                                             |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------|------|------------------------|-------|------|--------------|--------|-----|-------|------|-----|-----|----------|------|-----|
| <b>LICENSEE</b><br><b>ICMA S.p.A.</b><br>Via Garavaglia, 4<br>20012 Cuggiono (Milano)<br>Italia                                                                                                                                                                                                                                                                                                   |                        | <br><b>028</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| <b>LICENSEE IDENTITY NUMBER:</b> 87<br><b>PRODUCT:</b> Thermostatic Radiator Valve<br><b>LICENSE NUMBER:</b> 81-ICM-TRV-A<br><b>REFERENCE DOCUMENTS:</b><br>• UNI EN 215: Thermostatic radiator valves. Requirements and test methods<br>• CEN Keymark, schematic rules for thermostatic radiator valves<br>• CONCENTRIC Internal regulator - Part A Certification                                |                        | <table border="1"> <thead> <tr> <th>HEAD</th> <th>TYPE</th> </tr> </thead> <tbody> <tr> <td>1100</td> <td>Liquid Integral sensor</td> </tr> </tbody> </table><br><table border="1"> <thead> <tr> <th>VALVE</th> <th>FORM</th> <th>NOMINAL SIZE</th> <th>SERIES</th> </tr> </thead> <tbody> <tr> <td>774</td> <td>Angle</td> <td>DN15</td> <td>(*)</td> </tr> <tr> <td>775</td> <td>Straight</td> <td>DN15</td> <td>(*)</td> </tr> </tbody> </table> |        | HEAD | TYPE | 1100 | Liquid Integral sensor | VALVE | FORM | NOMINAL SIZE | SERIES | 774 | Angle | DN15 | (*) | 775 | Straight | DN15 | (*) |
| HEAD                                                                                                                                                                                                                                                                                                                                                                                              | TYPE                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| 1100                                                                                                                                                                                                                                                                                                                                                                                              | Liquid Integral sensor |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| VALVE                                                                                                                                                                                                                                                                                                                                                                                             | FORM                   | NOMINAL SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                        | SERIES |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| 774                                                                                                                                                                                                                                                                                                                                                                                               | Angle                  | DN15                                                                                                                                                                                                                                                                                                                                                                                                                                                | (*)    |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| 775                                                                                                                                                                                                                                                                                                                                                                                               | Straight               | DN15                                                                                                                                                                                                                                                                                                                                                                                                                                                | (*)    |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| <b>FIRST ISSUE:</b> 22/02/2017<br><b>CURRENT ISSUE:</b> 22/02/2017<br><b>EXPIRING DATE:</b> 21/02/2021                                                                                                                                                                                                                                                                                            |                        | <p>(*) Dimensioning and details for connection are not in accordance with the specific Series in Annex A, paragraph 1.4.1.1.1</p>                                                                                                                                                                                                                                                                                                                   |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
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| <b>TECHNICAL INFORMATION:</b><br>The Technical Information of the certified Thermostatic Radiator Valves (see the, psi, psi, C, G, M, and G) determined by the licensee are available on page Product Certification on SIET web site <a href="http://www.siet.it">www.siet.it</a>                                                                                                                 |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
| <br>                                                                                                                                                                                                                                                                                                                                                                                              |                        | <b>CHIEF EXECUTIVE OFFICER</b><br>Alfredo Luce<br>                                                                                                                                                                                                                                                                                                                                                                                                  |        |      |      |      |                        |       |      |              |        |     |       |      |     |     |          |      |     |
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## VALVULAS Y ROSCAS



## VÁLVULAS CON OPCIÓN TERMOSTÁTICA PARA SISTEMAS BITUBO

### Art. 940

Anti-leakage radiator connection.



NEW →

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 940  | 3/8" | 82940AC06 | 10        |  |
| 940  | 1/2" | 82940AD06 | 10        |  |
| 940  | 3/4" | 82940AE06 | 10        |  |

### Art. 514

Extender M24X1,5, male-female. L=20 mm. It enables to extend the connection of the valve for Pex-Al-Pex or copper pipe fittings to reach the pipe.



| ART. | SIZE   | CODE      | PACKAGING |  |
|------|--------|-----------|-----------|--|
| 514  | 24X1,5 | 815140006 | 10        |  |

### RIGHT VERSION



### LEFT VERSION

### Art. 1141

Double angle valve with thermostatic option for copper, multilayer and pe-x piping and with anti-leakage radiator connection. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. Right or left model.**



| ART. | SIZE | CONNECTION<br>THREAD | VERSION | CODE        | PACKAGING |    |  |
|------|------|----------------------|---------|-------------|-----------|----|--|
| 1141 | 3/8" | 24x1,5               | RIGHT   | 821141ACD06 | 10        | 50 |  |
| 1141 | 3/8" | 24x1,5               | LEFT    | 821141ACS06 | 10        | 50 |  |
| 1141 | 1/2" | 24x1,5               | RIGHT   | 821141ADD06 | 10        | 50 |  |
| 1141 | 1/2" | 24x1,5               | LEFT    | 821141ADS06 | 10        | 50 |  |



**RIGHT VERSION****LEFT VERSION****Art. 1142**

Double angle valve with thermostatic option for copper piping and with anti-leakage radiator connection. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. Right or left model.**

IRON PIPE

| ART. | SIZE | VERSION | CODE        | PACKAGING |    |
|------|------|---------|-------------|-----------|----|
|      |      |         |             |           |    |
| 1142 | 3/8" | RIGHT   | 821142ACD06 | 10        | 50 |
| 1142 | 3/8" | LEFT    | 821142ACS06 | 10        | 50 |
| 1142 | 1/2" | RIGHT   | 821142ADD06 | 10        | 50 |
| 1142 | 1/2" | LEFT    | 821142ADS06 | 10        | 50 |

**Art. 840 - Art. 842 - Art. 852**

Angle valve with thermostatic option. For copper, Pex-Al-Pex, pex piping. With anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
|      |      |                      |           |           |    |
| 840  | 3/8" | 24X1,5               | 82840AC06 | 10        | 50 |
| 840  | 1/2" | 24X1,5               | 82840AD06 | 10        | 50 |
| 842  | 3/8" | 1/2"                 | 82842AC06 | 10        | 50 |
| 842  | 1/2" | 1/2"                 | 82842AD06 | 10        | 50 |
| 852  | 3/8" | 3/4"                 | 82852AC06 | 10        | 50 |
| 852  | 1/2" | 3/4"                 | 82852AD06 | 10        | 50 |

**Art. 841 - Art. 843 - Art. 853**

Straight valve with thermostatic option. For copper, Pex-Al-Pex, pex piping. With anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
|      |      |                      |           |           |    |
| 841  | 3/8" | 24X1,5               | 82841AC06 | 10        | 50 |
| 841  | 1/2" | 24X1,5               | 82841AD06 | 10        | 50 |
| 843  | 3/8" | 1/2"                 | 82843AC06 | 10        | 50 |
| 843  | 1/2" | 1/2"                 | 82843AD06 | 10        | 50 |
| 853  | 3/8" | 3/4"                 | 82853AC06 | 10        | 50 |
| 853  | 1/2" | 3/4"                 | 82853AD06 | 10        | 50 |

**Art. 844**

Angle valve with thermostatic option. For iron piping. With anti leakage radiator union. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23.**



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 844  | 3/8" | 82844AC06 | 10        | 50 |
| 844  | 1/2" | 82844AD06 | 10        | 50 |
| 844  | 3/4" | 82844AE06 | 5         | 25 |



### Art. 845

Straight valve with thermostatic option. For iron piping. With anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23.**

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |  |
|------|------|-----------|-----------|----|--|
|      |      |           |           |    |  |
| 845  | 3/8" | 82845AC06 | 10        | 50 |  |
| 845  | 1/2" | 82845AD06 | 10        | 50 |  |
| 845  | 3/4" | 82845AE06 | 5         | 25 |  |

### Art. 970 - Art. 972 - Art. 966

Angle valve with thermostatic option. For copper, Pex-Al-Pex, Pex piping. With antileakage radiator union. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread. RUNNING OUT OF PRODUCTION.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 970  | 3/8" | 24X1,5               | 82970AC06 | 10        | 50 |  |
| 970  | 1/2" | 24X1,5               | 82970AD06 | 10        | 50 |  |
| 972  | 3/8" | 1/2"                 | 82972AC06 | 10        | 50 |  |
| 972  | 1/2" | 1/2"                 | 82972AD06 | 10        | 50 |  |
| 966  | 1/2" | 3/4"                 | 82966AD06 | 10        | 50 |  |

### Art. 971 - Art. 973 - Art. 967

Straight valve with thermostatic option. For copper, Pex-Al-Pex, Pex piping. With anti-leakage radiator union. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread. RUNNING OUT OF PRODUCTION.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 971  | 3/8" | 24X1,5               | 82971AC06 | 10        | 50 |  |
| 971  | 1/2" | 24X1,5               | 82971AD06 | 10        | 50 |  |
| 973  | 3/8" | 1/2"                 | 82973AC06 | 10        | 50 |  |
| 973  | 1/2" | 1/2"                 | 82973AD06 | 10        | 50 |  |
| 967  | 1/2" | 3/4"                 | 82967AD06 | 10        | 50 |  |

### Art. 869

Inverse angle valve with thermostatic option. For copper, Pex-Al-Pex, Pex piping. With anti-leakage radiator unit. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 869  | 1/2" | 1/2"                 | 81869AD06 | 10        | 50 |  |

### Art. 974

Angle valve with thermostatic option. For iron piping. With anti-leakage radiator union. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread. RUNNING OUT OF PRODUCTION.**



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |  |
|------|------|-----------|-----------|----|--|
|      |      |           |           |    |  |
| 974  | 3/8" | 82974AC06 | 10        | 50 |  |
| 974  | 1/2" | 82974AD06 | 10        | 50 |  |
| 974  | 3/4" | 82974AE06 | 5         | 25 |  |

### Art. 975

Straight valve with thermostatic option. For iron piping. With PATENTED anti-leakage radiator union. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread. RUNNING OUT OF PRODUCTION.**



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |  |
|------|------|-----------|-----------|----|--|
|      |      |           |           |    |  |
| 975  | 3/8" | 82975AC06 | 10        | 50 |  |
| 975  | 1/2" | 82975AD06 | 10        | 50 |  |
| 975  | 3/4" | 82975AE06 | 5         | 25 |  |

## VÁLVULAS Y KITS CON OPCIÓN TERMOSTATICA PARA SISTEMAS BITUBO

### Art. KIT A - Art. KIT B

Thermostatic kit consisting of thermostatic head with liquid sensor, angle valve with thermostatic option and lockshield. For Copper, Pex-Al-Pex, pex piping. With antileakage radiator union.

#### Kit composition:

|                   | Kit A     | Kit B     |
|-------------------|-----------|-----------|
| Thermostatic head | Art. 1100 | Art. 1100 |
| Valve             | Art. 840  | Art. 842  |
| Lockshield        | Art. 839  | Art. 837  |



COPPER

MULTILAYER

PE-X

| ART.  | SIZE | CONNECTION<br>THREAD | CODE           | PACKAGING |    |  |
|-------|------|----------------------|----------------|-----------|----|--|
|       |      |                      |                |           |    |  |
| KIT A | 3/8" | 24X1,5               | 82KITAAC061100 | 1         | 20 |  |
| KIT A | 1/2" | 24X1,5               | 82KITAAD061100 | 1         | 20 |  |
| KIT B | 3/8" | 1/2"                 | 82KITBAC061100 | 1         | 20 |  |
| KIT B | 1/2" | 1/2"                 | 82KITBAD061100 | 1         | 20 |  |

### Art. KIT C - Art. KIT D

Thermostatic kit consisting of thermostatic head with liquid sensor, straight valve with thermostatic option and lockshield. For Copper, Pex-Al-Pex, pex piping. With antileakage radiator union.

#### Kit composition:

|                   | Kit C     | Kit D     |
|-------------------|-----------|-----------|
| Thermostatic head | Art. 1100 | Art. 1100 |
| Valve             | Art. 841  | Art. 843  |
| Lockshield        | Art. 835  | Art. 833  |



COPPER

MULTILAYER

PE-X

| ART.  | SIZE | CONNECTION<br>THREAD | CODE           | PACKAGING |    |  |
|-------|------|----------------------|----------------|-----------|----|--|
|       |      |                      |                |           |    |  |
| KIT C | 3/8" | 24X1,5               | 82KITCAC061100 | 1         | 20 |  |
| KIT C | 1/2" | 24X1,5               | 82KITCAD061100 | 1         | 20 |  |
| KIT D | 3/8" | 1/2"                 | 82KITDAC061100 | 1         | 20 |  |
| KIT D | 1/2" | 1/2"                 | 82KITDAD061100 | 1         | 20 |  |



### Art. KIT E

Thermostatic kit consisting of thermostatic head with liquid sensor, angle valve with thermostatic option and lockshield. For iron piping. With anti-leakage radiator union.

### Kit composition:

|                   | Kit E     |
|-------------------|-----------|
| Thermostatic head | Art. 1100 |
| Valve             | Art. 844  |
| Lockshield        | Art. 952  |

| ART.  | SIZE | CODE           | PACKAGING |    |  |
|-------|------|----------------|-----------|----|--|
|       |      |                |           |    |  |
| KIT E | 3/8" | 82KITEAC061100 | 1         | 20 |  |
| KIT E | 1/2" | 82KITEAD061100 | 1         | 20 |  |
| KIT E | 3/4" | 82KITEAE061100 | 1         | 20 |  |

IRON PIPE



### Art. KIT F

Thermostatic kit consisting of thermostatic head with liquid sensor, straight valve with thermostatic option and lockshield. For iron piping. With anti-leakage radiator union.

### Kit composition:

|                   | Kit F     |
|-------------------|-----------|
| Thermostatic head | Art. 1100 |
| Valve             | Art. 845  |
| Lockshield        | Art. 955  |

| ART.  | SIZE | CODE           | PACKAGING |    |  |
|-------|------|----------------|-----------|----|--|
|       |      |                |           |    |  |
| KIT F | 3/8" | 82KITFAC061100 | 1         | 20 |  |
| KIT F | 1/2" | 82KITFAD061100 | 1         | 20 |  |
| KIT F | 3/4" | 82KITFAE061100 | 1         | 20 |  |

IRON PIPE

### Art. 770 - Art. 772

Single setting thermostatic angle valve. For copper, Pex-Al-Pex, Pex piping. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 770  | 3/8" | 24X1,5               | 82770AC06 | 10        | 50 |  |
| 770  | 1/2" | 24X1,5               | 82770AD06 | 10        | 50 |  |
| 772  | 3/8" | 1/2"                 | 82772AC06 | 10        | 50 |  |
| 772  | 1/2" | 1/2"                 | 82772AD06 | 10        | 50 |  |

## VÁLVULAS CON OPCIÓN TERMOSTATICA PARA SISTEMAS BITUBO

### Art. 771 - Art. 773

Single setting thermostatic straight valve. For copper, Pex-Al-pex, pex piping. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread.**



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
|      |      |                      |           |           |    |
| 771  | 3/8" | 24X1,5               | 82771AC06 | 10        | 50 |
| 771  | 1/2" | 24X1,5               | 82771AD06 | 10        | 50 |
| 773  | 3/8" | 1/2"                 | 82773AC06 | 10        | 50 |
| 773  | 1/2" | 1/2"                 | 82773AD06 | 10        | 50 |

### Art. 774 - Art. 774+940

Single setting thermostatic angle valve. For iron piping. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**



IRON PIPE

| ART.    | SIZE | CODE          | PACKAGING |    |
|---------|------|---------------|-----------|----|
|         |      |               |           |    |
| 774     | 3/8" | 82774AC06     | 10        | 50 |
| * 774   | 1/2" | 82774AD06     | 10        | 50 |
| 774     | 3/4" | 82774AE06     | 5         | 25 |
| 774+940 | 1/2" | 82774AD06 940 | 10        | 50 |
| 774+940 | 3/4" | 82774AE06 940 | 5         | 25 |

### Art. 775 - Art. 775+940

Single setting thermostatic straight valve. For iron piping. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**



IRON PIPE

| ART.    | SIZE | CODE          | PACKAGING |    |
|---------|------|---------------|-----------|----|
|         |      |               |           |    |
| 775     | 3/8" | 82775AC06     | 10        | 50 |
| * 775   | 1/2" | 82775AD06     | 10        | 50 |
| 775     | 3/4" | 82775AE06     | 5         | 25 |
| 775+940 | 1/2" | 82775AD06 940 | 10        | 50 |
| 775+940 | 3/4" | 82775AE06 940 | 5         | 25 |

## VÁLVULAS CON OPCIÓN TERMOSTATICA PARA SISTEMAS BITUBO



Pre-setting valves with thermostatic option can carry out simultaneous several functions:

1. intercepting the heat transfer fluid;
2. Pre-setting for heating components in heating systems

### PRE-SETTING VALUES

|                         |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Kv [m³/h] 3/8" straight | 0,07                                                                              | 0,16                                                                              | 0,28                                                                               | 0,46                                                                                | 1,05                                                                                |
| Kv [m³/h] 3/8" angle    | 0,07                                                                              | 0,16                                                                              | 0,28                                                                               | 0,46                                                                                | 1,35                                                                                |
| Kv [m³/h] 1/2" straight | 0,07                                                                              | 0,16                                                                              | 0,28                                                                               | 0,46                                                                                | 1,30                                                                                |
| Kv [m³/h] 1/2" angle    | 0,07                                                                              | 0,16                                                                              | 0,28                                                                               | 0,46                                                                                | 1,45                                                                                |
| Kv [m³/h] 3/4" straight | 0,24                                                                              | 0,40                                                                              | 0,72                                                                               | 1,12                                                                                | 1,55                                                                                |
| Kv [m³/h] 3/4" angle    | 0,24                                                                              | 0,32                                                                              | 0,46                                                                               | 0,62                                                                                | 1,81                                                                                |



**NEW**

#### Art. 776

Pre-setting **angle** valve with thermostatic option for copper, Pex-Al-pex, pex piping with anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 30x1,5 connection thread.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING                                                                             |                                                                                       |
|------|------|----------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 776  | 3/8" | 24x1,5               | 82776AC06 |  |  |
| 776  | 1/2" | 24x1,5               | 82776AD06 | 10                                                                                    | 50                                                                                    |



**NEW**

#### Art. 777

Pre-setting **straight** valve with thermostatic option for copper, Pex-Al-pex, pex piping with anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 30x1,5 connection thread.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING                                                                             |                                                                                       |
|------|------|----------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 777  | 3/8" | 24x1,5               | 82777AC06 |  |  |
| 777  | 1/2" | 24x1,5               | 82777AD06 | 10                                                                                    | 50                                                                                    |



**NEW**

#### Art. 778

Pre-setting **angle** valve with thermostatic option for iron piping with anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 30x1,5 connection thread.**



| ART. | SIZE | CODE      | PACKAGING                                                                             |                                                                                       |
|------|------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 778  | 3/8" | 82778AC06 |  |  |
| 778  | 1/2" | 82778AD06 | 10                                                                                    | 50                                                                                    |
| 778  | 3/4" | 82778AE06 | 5                                                                                     | 25                                                                                    |

## VÁLVULAS CON OPCIÓN TERMOSTATICA PARA SISTEMAS BITUBO



NEW

### Art. 779

Pre-setting **straight** valve with thermostatic option for iron piping with anti-leakage radiator union. **Choose thermostatic and electrothermic actuators with 30x1,5 connection thread.**

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |  |
|------|------|-----------|-----------|----|--|
|      |      |           |           |    |  |
| 779  | 3/8" | 82779AC06 | 10        | 50 |  |
| 779  | 1/2" | 82779AD06 | 10        | 50 |  |
| 779  | 3/4" | 82779AE06 | 5         | 25 |  |



NEW

### Art. 795

Thermostatic insert with pre-setting 1/2" for steel panels. **M30x1,5 thermostatic head connection.**

| ART. | SIZE | CODE      | PACKAGING |  |  |
|------|------|-----------|-----------|--|--|
|      |      |           |           |  |  |
| 795  | 1/2" | 82795AD05 | 1         |  |  |

## VÁLVULAS MANUALES PARA SISTEMAS BITUBO



### Art. 846 - Art. 847

TULIP-shaped single setting manual angle valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With antileakage radiator unit.

COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |  |
|------|------|-------------------|-----------|-----------|-----|--|
|      |      |                   |           |           |     |  |
| 846  | 3/8" | 24X1,5            | 82846AC06 | 20        | 100 |  |
| 846  | 1/2" | 24X1,5            | 82846AD06 | 20        | 100 |  |
| 847  | 3/8" | 1/2"              | 82847AC06 | 20        | 100 |  |
| 847  | 1/2" | 1/2"              | 82847AD06 | 20        | 100 |  |



### Art. 848 - Art. 849

TULIP-shaped single setting manual straight valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit.

COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |    |  |
|------|------|-------------------|-----------|-----------|----|--|
|      |      |                   |           |           |    |  |
| 848  | 3/8" | 24X1,5            | 82848AC06 | 10        | 50 |  |
| 848  | 1/2" | 24X1,5            | 82848AD06 | 10        | 50 |  |
| 849  | 3/8" | 1/2"              | 82849AC06 | 10        | 50 |  |
| 849  | 1/2" | 1/2"              | 82849AD06 | 10        | 50 |  |



### Art. 850

TULIP-shaped single setting manual angle valve. For iron piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit.

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |     |  |
|------|------|-----------|-----------|-----|--|
|      |      |           |           |     |  |
| 850  | 3/8" | 82850AC06 | 20        | 100 |  |
| 850  | 1/2" | 82850AD06 | 20        | 100 |  |
| 850  | 3/4" | 82850AE06 | 20        | 100 |  |



# VÁLVULAS MANUALES PARA SISTEMAS BITUBO



## Art. 851

TULIP-shaped single setting manual straight valve. For iron piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit.

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 851  | 3/8" | 82851AC06 | 10        | 50 |
| 851  | 1/2" | 82851AD06 | 10        | 50 |
| 851  | 3/4" | 82851AE06 | 10        | 50 |



## Art. 921 - Art. 941

Single setting manual angle valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti leakage radiator union. **RUNNING OUT OF PRODUCTION.**

COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 921  | 3/8" | 24X1,5               | 82921AC06 | 20        | 100 |
| 921  | 1/2" | 24X1,5               | 82921AD06 | 20        | 100 |
| 941  | 3/8" | 1/2"                 | 82941AC06 | 20        | 100 |
| 941  | 1/2" | 1/2"                 | 82941AD06 | 20        | 100 |



## Art. 924 - Art. 944

Single setting manual straight valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator union. **RUNNING OUT OF PRODUCTION.**

COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
|      |      |                      |           |           |    |
| 924  | 3/8" | 24X1,5               | 82924AC06 | 10        | 50 |
| 924  | 1/2" | 24X1,5               | 82924AD06 | 10        | 50 |
| 944  | 3/8" | 1/2"                 | 82944AC06 | 10        | 50 |
| 944  | 1/2" | 1/2"                 | 82944AD06 | 10        | 50 |



## Art. 951

Single setting manual angle valve. For iron piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator union. **RUNNING OUT OF PRODUCTION.**

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |     |
|------|------|-----------|-----------|-----|
|      |      |           |           |     |
| 951  | 3/8" | 82951AC06 | 20        | 100 |
| 951  | 1/2" | 82951AD06 | 20        | 100 |
| 951  | 3/4" | 82951AE06 | 20        | 100 |



## Art. 954

Single setting manual straight valve. For iron piping. Double sealing on the spindle with o-ring and PTFE gasket and on the valve seat. With anti-leakage radiator union. **RUNNING OUT OF PRODUCTION.**

IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 954  | 3/8" | 82954AC06 | 10        | 50 |
| 954  | 1/2" | 82954AD06 | 10        | 50 |
| 954  | 3/4" | 82954AE06 | 10        | 50 |



# VÁLVULAS MANUALES PARA SISTEMAS BITUBO



## Art. 836 - Art. 838

Single setting angle valve. For copper, Pex-Al-Pex and Pex piping. With anti-leakage radiator union.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |  |
|------|------|----------------------|-----------|-----------|-----|--|
|      |      |                      |           |           |     |  |
| 836  | 3/8" | 1/2"                 | 82836AC06 | 20        | 100 |  |
| 836  | 1/2" | 1/2"                 | 82836AD06 | 20        | 100 |  |
| 838  | 3/8" | 24X1,5               | 82838AC06 | 20        | 100 |  |
| 838  | 1/2" | 24X1,5               | 82838AD06 | 20        | 100 |  |



## Art. 832 - Art. 834

Single setting straight valve. For copper, Pex-Al-Pex and Pex piping. With anti-leakage radiator union.

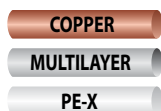


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |  |
|------|------|----------------------|-----------|-----------|-----|--|
|      |      |                      |           |           |     |  |
| 832  | 3/8" | 1/2"                 | 82832AC06 | 20        | 100 |  |
| 832  | 1/2" | 1/2"                 | 82832AD06 | 20        | 100 |  |
| 834  | 3/8" | 24x1,5               | 82834AC06 | 20        | 100 |  |
| 834  | 1/2" | 24x1,5               | 82834AD06 | 20        | 100 |  |



## Art. 826

Single setting angle valve. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |  |
|------|------|----------------------|-----------|-----------|-----|--|
|      |      |                      |           |           |     |  |
| 826  | 3/8" | 1/2"                 | 82826AC06 | 20        | 100 |  |
| 826  | 1/2" | 24x1,5               | 82826AD06 | 20        | 100 |  |



## Art. 828

Single setting straight valve. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |  |
|------|------|----------------------|-----------|-----------|-----|--|
|      |      |                      |           |           |     |  |
| 828  | 3/8" | 1/2"                 | 82828AC06 | 20        | 100 |  |
| 828  | 1/2" | 24x1,5               | 82828AD06 | 20        | 100 |  |



## Art. 802

Single setting angle valve. Radiator union with o-ring. For iron piping.



| ART. | SIZE | CODE      | PACKAGING |     |  |
|------|------|-----------|-----------|-----|--|
|      |      |           |           |     |  |
| 802  | 3/8" | 82802AC06 | 20        | 100 |  |
| 802  | 1/2" | 82802AD06 | 20        | 100 |  |
| 802  | 3/4" | 82802AE06 | 10        | 50  |  |

# VÁLVULAS MANUALES PARA SISTEMAS BITUBO

## Art. 812

Single setting straight valve. Radiator union with o-ring. For iron piping.



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |  |
|------|------|-----------|-----------|----|--|
|      |      |           |           |    |  |
| 812  | 3/8" | 82812AC06 | 10        | 50 |  |
| 812  | 1/2" | 82812AD06 | 10        | 50 |  |
| 812  | 3/4" | 82812AE06 | 5         | 25 |  |

## Art. 804

Single setting angle valve. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 804  | 3/8" | 1/2"                 | 82804AC06 |           | 50 |  |
| 804  | 1/2" | 1/2"                 | 82804ADAD |           | 50 |  |
| 804  | 1/2" | 24x1,5               | 82804AD06 |           | 50 |  |

## Art. 814

Single setting straight valve. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|------|----------------------|-----------|-----------|----|--|
|      |      |                      |           |           |    |  |
| 814  | 3/8" | 1/2"                 | 82814AC06 |           | 50 |  |
| 814  | 1/2" | 24x1,5               | 82814AD06 |           | 50 |  |

## Art. 803 - Art. 803+940

Single setting angle valve. For iron piping. Available also with anti-leakage radiator connection.



IRON PIPE

| ART.    | SIZE | CODE          | PACKAGING |    |  |
|---------|------|---------------|-----------|----|--|
|         |      |               |           |    |  |
| 803     | 3/8" | 82803AC06     |           | 50 |  |
| 803     | 1/2" | 82803AD06     |           | 50 |  |
| 803     | 3/4" | 82803AE06     |           | 50 |  |
| 803+940 | 1/2" | 82803AD06 940 |           | 50 |  |
| 803+940 | 3/4" | 82803AE06 940 |           | 50 |  |

## Art. 813 - Art. 813+940

Single setting straight valve. For iron piping. Available also with anti-leakage radiator connection.



IRON PIPE

| ART.    | SIZE | CODE          | PACKAGING |    |  |
|---------|------|---------------|-----------|----|--|
|         |      |               |           |    |  |
| 813     | 3/8" | 82813AC06     |           | 50 |  |
| 813     | 1/2" | 82813AD06     |           | 50 |  |
| 813     | 3/4" | 82813AE06     |           | 50 |  |
| 813+940 | 1/2" | 82813AD06 940 |           | 50 |  |
| 813+940 | 3/4" | 82813AE06 940 |           | 50 |  |

## VÁLVULAS MANUALES PARA SISTEMAS BITUBO



### Art. 161

Single setting valve with welding connection. Angle. Radiator union with o-ring. For copper piping.

COPPER

| ART. | SIZE    | CODE      | PACKAGING |     |
|------|---------|-----------|-----------|-----|
|      |         |           |           |     |
| 161  | 1/2"x15 | 82161GE06 | 20        | 100 |

## DETENTORES PARA INSTALACION BITUBO

RIGHT VERSION



LEFT VERSION

### Art. 1144

Double angle lockshield for copper, multilayer and pe-x piping and with anti-leakage radiator connection. Right or left version.

COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | VERSION | CODE        | PACKAGING |     |
|------|------|----------------------|---------|-------------|-----------|-----|
|      |      |                      |         |             |           |     |
| 1144 | 3/8" | 24x1,5               | RIGHT   | 821144ACD06 | 20        | 100 |
| 1144 | 3/8" | 24x1,5               | LEFT    | 821144ACS06 | 20        | 100 |
| 1144 | 1/2" | 24x1,5               | RIGHT   | 821144ADD06 | 20        | 100 |
| 1144 | 1/2" | 24x1,5               | LEFT    | 821144ADS06 | 20        | 100 |

RIGHT VERSION



LEFT VERSION

### Art. 1145

Double angle lockshield for copper piping and with anti-leakage radiator connection. Right or left version.

IRON PIPE

| ART. | SIZE | CONNECTION<br>THREAD | VERSION | CODE        | PACKAGING |     |
|------|------|----------------------|---------|-------------|-----------|-----|
|      |      |                      |         |             |           |     |
| 1145 | 3/8" |                      | RIGHT   | 821145ACD06 | 20        | 100 |
| 1145 | 3/8" |                      | LEFT    | 821145ACS06 | 20        | 100 |
| 1145 | 1/2" |                      | RIGHT   | 821145ADD06 | 20        | 100 |
| 1145 | 1/2" |                      | LEFT    | 821145ADS06 | 20        | 100 |

### Art. 922 - Art. 942

Angle micrometric lockshield. For copper, Pex-Al-Pex, Pex piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 922  | 3/8" | 24X1,5               | 82922AC06 | 20        | 100 |
| 922  | 1/2" | 24X1,5               | 82922AD06 | 20        | 100 |
| 942  | 3/8" | 1/2"                 | 82942AC06 | 20        | 100 |
| 942  | 1/2" | 1/2"                 | 82942AD06 | 20        | 100 |

### Art. 925 - Art. 945

Straight micrometric lockshield. For copper, Pex-Al-Pex, Pex piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
|      |      |                      |           |           |    |
| 925  | 3/8" | 24X1,5               | 82925AC06 | 10        | 50 |
| 925  | 1/2" | 24X1,5               | 82925AD06 | 10        | 50 |
| 945  | 3/8" | 1/2"                 | 82945AC06 | 10        | 50 |
| 945  | 1/2" | 1/2"                 | 82945AD06 | 10        | 50 |

## DETENTORES PARA INSTALACION BITUBO

### Art. 952

Angle micrometric lockshield. For iron piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |     |
|------|------|-----------|-----------|-----|
|      |      |           |           |     |
| 952  | 3/8" | 82952AC06 | 20        | 100 |
| 952  | 1/2" | 82952AD06 | 20        | 100 |
| 952  | 3/4" | 82952AE06 | 20        | 100 |

### Art. 955

Straight micrometric lockshield. For iron piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



IRON PIPE

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 955  | 3/8" | 82955AC06 | 10        | 50 |
| 955  | 1/2" | 82955AD06 | 10        | 50 |
| 955  | 3/4" | 82955AE06 | 10        | 50 |

### Art. 837 - Art. 839 - Art. 854

Angle lockshield. For copper, Pex-Al-Pex, Pex piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 837  | 3/8" | 1/2"                 | 82837AC06 | 20        | 100 |
| 837  | 1/2" | 1/2"                 | 82837AD06 | 20        | 100 |
| 839  | 3/8" | 24x1,5               | 82839AC06 | 20        | 100 |
| 839  | 1/2" | 24x1,5               | 82839AD06 | 20        | 100 |
| 854  | 3/8" | 3/4"                 | 82854AC06 | 20        | 100 |
| 854  | 1/2" | 3/4"                 | 82854AD06 | 20        | 100 |

### Art. 833 - Art. 835 - Art. 855

Straight lockshield. For copper, Pex-Al-Pex, Pex piping. O-ring and metallic closure on the seat. With anti-leakage radiator union.



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 833  | 3/8" | 1/2"                 | 82833AC06 | 20        | 100 |
| 833  | 1/2" | 1/2"                 | 82833AD06 | 20        | 100 |
| 835  | 3/8" | 24x1,5               | 82835AC06 | 20        | 100 |
| 835  | 1/2" | 24x1,5               | 82835AD06 | 20        | 100 |
| 855  | 3/8" | 3/4"                 | 82855AC06 | 20        | 100 |
| 855  | 1/2" | 3/4"                 | 82855AD06 | 20        | 100 |

### Art. 827 - Art. 830

Angle lockshield. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



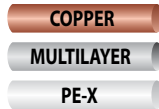
COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 827  | 3/8" | 1/2"                 | 82827AC06 | 20        | 100 |
| 827  | 1/2" | 1/2"                 | 82827ADAD | 20        | 100 |
| 827  | 1/2" | 24x1,5               | 82827AD06 | 20        | 100 |
| 830  | 1/2" | 3/4"                 | 82830AD06 | 20        | 100 |

## DETENTORES PARA INSTALACION BITUBO

### Art. 829 - Art. 831

Straight lockshield. Radiator union with o-ring. For copper, Pex-Al-Pex, Pex piping.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |     |
|------|------|----------------------|-----------|-----------|-----|
|      |      |                      |           |           |     |
| 829  | 3/8" | 1/2"                 | 82829AC06 | 20        | 100 |
| 829  | 1/2" | 24X1,5               | 82829AD06 | 20        | 100 |
| 831  | 1/2" | 3/4"                 | 82831AD06 | 20        | 100 |

### Art. 805 - Art. 805+940

Single setting angle lockshield. For iron piping. Available also with anti-leakage radiator connection.



| ART.    | SIZE | CODE          | PACKAGING |     |
|---------|------|---------------|-----------|-----|
|         |      |               |           |     |
| 805     | 3/8" | 82805AC06     | 20        | 100 |
| 805     | 1/2" | 82805AD06     | 20        | 100 |
| 805     | 3/4" | 82805AE06     | 10        | 50  |
| 805+940 | 1/2" | 82805AD06 940 | 20        | 100 |
| 805+940 | 3/4" | 82805AE06 940 | 10        | 50  |

### Art. 815 - Art. 815+940

Single setting straight lockshield. For iron piping. Available also with anti-leakage radiator connection.



| ART.    | SIZE | CODE          | PACKAGING |     |
|---------|------|---------------|-----------|-----|
|         |      |               |           |     |
| 815     | 3/8" | 82815AC06     | 20        | 100 |
| 815     | 1/2" | 82815AD06     | 20        | 100 |
| 815     | 3/4" | 85815AE06     | 10        | 50  |
| 815+940 | 1/2" | 82815AD06 940 | 20        | 100 |
| 815+940 | 3/4" | 82815AE06 940 | 10        | 50  |

### Art. 162

Angle lockshield with welding connection. Radiator union with o-ring. For copper piping.



| ART. | SIZE    | CODE      | PACKAGING |     |
|------|---------|-----------|-----------|-----|
|      |         |           |           |     |
| 162  | 1/2"x15 | 82162GE06 | 20        | 100 |

# VÁLVULAS TERMOSTATIZABLES PARA INSTALACIÓN MONTUBO Y BITUBO



## Art. 870

Inverse angle valve with thermostatic option. With anti-leakage radiator union and fitting for connection to the 15mm external probe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CONNECTION FOR EXTERNAL PROBE | CODE      | PACKAGING |    |
|------|------|-------------------------------|-----------|-----------|----|
| 870  | 1/2" | 15 mm                         | 81870AD06 | 10        | 50 |



## Art. 866

Inverse angle valve with thermostatic option. Built-in air vent. With anti-leakage radiator union and fitting for connection to the 15mm external probe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CONNECTION FOR EXTERNAL PROBE | CODE      | PACKAGING |    |
|------|------|-------------------------------|-----------|-----------|----|
| 866  | 1/2" | 15 mm                         | 81866AD06 | 10        | 50 |



## Art. 766

Inverse angle thermostatic valve. With anti-leakage radiator union and fitting for connection to the 15mm external probe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CONNECTION FOR EXTERNAL PROBE | CODE      | PACKAGING |    |
|------|------|-------------------------------|-----------|-----------|----|
| 766  | 1/2" | 15 mm                         | 81766AD06 | 10        | 50 |



## Art. 767

Inverse angle thermostatic valve. Built-in air vent. With anti-leakage radiator union and fitting for connection to the 15mm external probe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CONNECTION FOR EXTERNAL PROBE | CODE      | PACKAGING |    |
|------|------|-------------------------------|-----------|-----------|----|
| 767  | 1/2" | 15 mm                         | 81767AD06 | 10        | 50 |



## Art. 878

Inverse angle valve with thermostatic option. With anti-leakage radiator union and fitting for connection to the 1/2" iron pipe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
| 878  | 1/2" | 81878AD06 | 10        | 50 |

# VÁLVULAS TERMOSTATIZABLES PARA INSTALACIÓN MONTUBO Y BITUBO



## Art. 868

90° valve with thermostatic option. With fitting for connection to the 15mm external probe. **Choose thermostatic heads and electrothermic actuators with 28x1,5 connection thread.**

| ART. | SIZE | CONNECTION FOR EXTERNAL PROBE | CODE      | PACKAGING |    |
|------|------|-------------------------------|-----------|-----------|----|
| 868  | 1/2" | 15 mm                         | 81868AD06 | 10        | 50 |



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |    |
|------|------|-------------------|-----------|-----------|----|
| 875  | 1/2" | 24x1,5            | 81875AD06 | 10        | 50 |
| 877  | 1/2" | 3/4"              | 81877AD06 | 10        | 50 |

## Art. 889

Chromed steel probe Ø 15 mm. Fox external connection.



| ART. | DIAMETER | SIZE | CODE      | PACKAGING |
|------|----------|------|-----------|-----------|
| 889  | 15       | 600  | 818896006 | 1         |
| 889  | 15       | 800  | 818898006 | 1         |
| 889  | 15       | 1000 | 818891006 | 1         |

## Art. 891

Single pipe valve with thermostatic option. Built-in lockshield-valve. **Interaxe 37,5 mm.** **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread.**



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |
|------|------|-------------------|-----------|-----------|
| 891  | 1/2" | 24x1,5            | 81891AD06 | 10        |
| 891  | 3/4" | 24x1,5            | 81891AE06 | 10        |

## Art. 892

Double pipe valve with thermostatic option. Built-in lockshield-valve. **Interaxe 37,5 mm.** **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread.**



**NEW** →

| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |
|------|------|-------------------|-----------|-----------|
| 892  | 1/2" | 24x1,5            | 82892AD06 | 10        |
| 892  | 3/4" | 24x1,5            | 82892AE06 | 10        |
| 892  | 1/2" | 1/2"              | 82892ADAD | 10        |



# VÁLVULAS TERMOSTATIZABLES PARA INSTALACIÓN MONTUBO Y BITUBO

## Art. 894 - Art. 895

Single/double pipe valve. Adjustable for wall or floor connection. It can be installed either on the right or on the left side of the radiator. Built-in lockshield-valve. **Interaxe 50 mm.**



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 894  | 1/2" | 24x1,5            | 81894AD06 | 10        |  |
| 895  | 1/2" | 3/4"              | 81895AD06 | 10        |  |

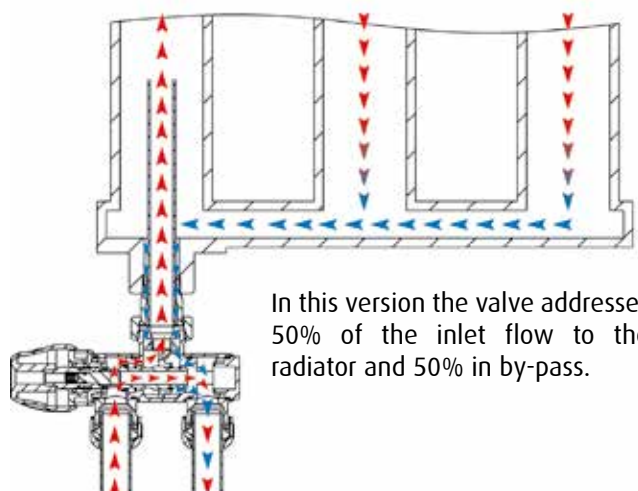
## Art. 893

Single-double pipe valve with thermostatic option. Adjustable for wall or floor connection. It can be installed either on the right or on the left side of the radiator. Built-in lockshield-valve. Interaxe 50 mm. **Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. UNDER PREPARATION.**

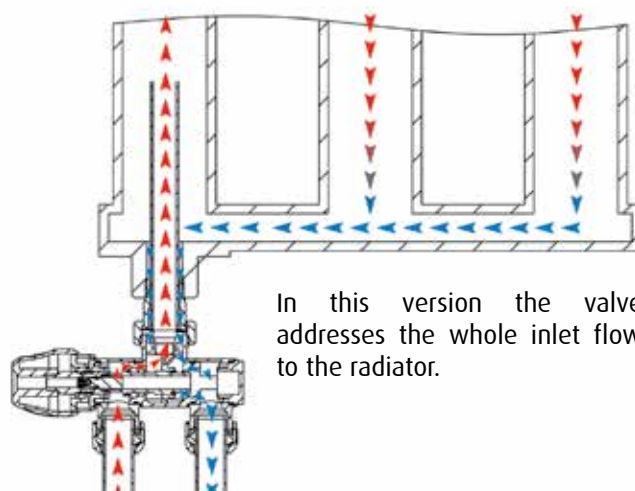


| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 893  | 1/2" | 3/4"              | 81893AD06 | 10        |  |

## single pipe version



## double pipe version

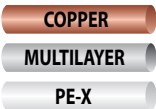


# VÁLVULAS MONTABUO MANUALES



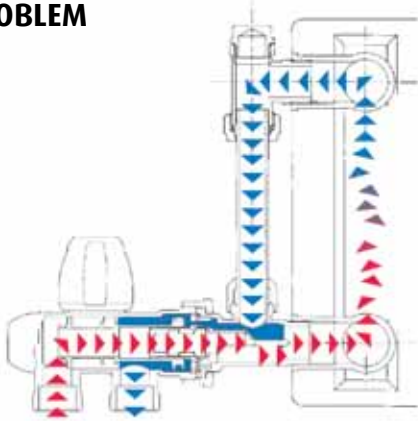
### Art. 887

Single pipe valve. Frontal knob. For copper, Pex-Al-Pex, Pex piping. Reversible flow entry. No need to empty neither the system nor the radiator. Interaxe 37,5 mm. Chromed steel probe, art.889, not included.

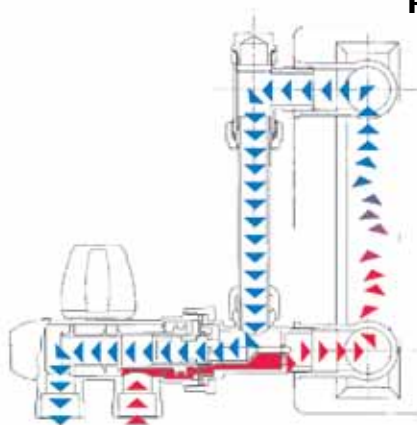


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 887  | 1/2" | 24x1,5               | 81887AD06 | 10                                                                                               |  |

### PROBLEM

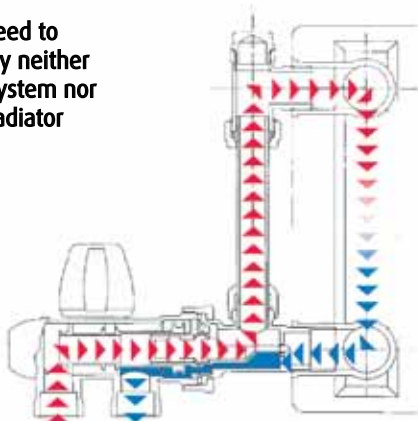


### PROBLEM



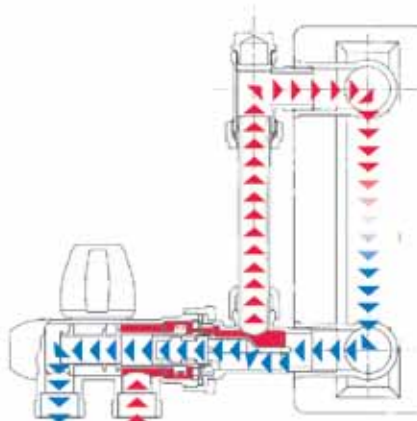
### SOLUTION

No need to empty neither the system nor the radiator



### SOLUTION

No need to empty neither the system nor the radiator

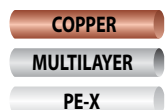


# VÁLVULAS MONTABUO MANUALES



## Art. 888

Single pipe valve. Frontal knob. For copper, Pex-Al-Pex, Pex piping. Reversible flow entry. Interaxe 37,5 mm. Chromed steel probe, art.889, not included.

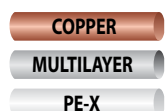


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 888  | 1/2" | 24x1,5               | 81888AD06 | 10        |  |



## Art. 858

Manual single pipe valve. Side knob. For copper, Pex-Al-Pex, Pex piping. Reversible flow entry. Interaxe 37,5 mm. Chromed steel probe, art.889, not included.

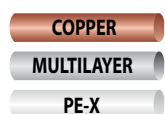


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 858  | 1/2" | 24x1,5               | 81858AD06 | 10        |  |



## Art. 886

Single pipe valve. Frontal knob. For copper, Pex-Al-Pex, Pex piping. Reversible flow entry. Interaxe: 37,5 mm. 40 cm probe. The connection thread to the radiator could be either on the right or on the left side.

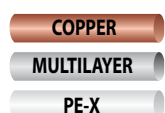


| ART. | SIZE         | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|--------------|----------------------|-----------|-----------|--|
| 886  | right thread |                      |           |           |  |
|      | 1/2"         | 24x1,5               | 81886AD06 | 10        |  |
|      | 3/4"         | 24x1,5               | 81886AE06 | 10        |  |
| 886  | 1"           | 24x1,5               | 81886AF06 | 10        |  |
|      | left thread  |                      |           |           |  |
|      | 3/4"         | 24x1,5               | 81886AS06 | 10        |  |
| 886  | 1"           | 24x1,5               | 81886AT06 | 10        |  |



## Art. 856

Single pipe valve. Side knob. For copper, Pex-Al-Pex, Pex piping. Reversible flow entry. Interaxe 37,5 mm. 40 cm probe. The connection thread to the radiator could be either on the right or on the left side.



| ART. | SIZE         | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|--------------|----------------------|-----------|-----------|--|
| 856  | right thread |                      |           |           |  |
|      | 1/2"         | 24x1,5               | 81856AD06 | 10        |  |
|      | 3/4"         | 24x1,5               | 81856AE06 | 10        |  |
| 856  | 1"           | 24x1,5               | 81856AF06 | 10        |  |
|      | left thread  |                      |           |           |  |
|      | 3/4"         | 24x1,5               | 81856AS06 | 10        |  |
| 856  | 1"           | 24x1,5               | 81856AT06 | 10        |  |

## RACORES PARA TUBO DE COBRE, PEX Y MULTICAPA



### Art. 90

Patent-pending fitting SICURBLOC for copper pipe.

| ART. | PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |  |
|------|-----------|-------------------|-----------|-----------|-----|--|
|      |           |                   |           |           |     |  |
| 90   | 10        | 1/2"              | 81090FC06 | 5         | 250 |  |
| 90   | 12        | 1/2"              | 81090FD06 | 5         | 250 |  |
| 90   | 12,7      | 1/2"              | 81090CC06 | 5         | 250 |  |
| 90   | 14        | 1/2"              | 81090FE06 | 5         | 250 |  |
| 90   | 15        | 1/2"              | 81090FF06 | 5         | 250 |  |
| 90   | 16        | 1/2"              | 81090FG06 | 5         | 250 |  |
| 90   | 10        | 24x1,5            | 81090GB06 | 5         | 250 |  |
| 90   | 12        | 24x1,5            | 81090GC06 | 5         | 250 |  |
| 90   | 14        | 24x1,5            | 81090GD06 | 5         | 250 |  |
| 90   | 15        | 24x1,5            | 81090GE06 | 5         | 250 |  |
| 90   | 16        | 24x1,5            | 81090GF06 | 5         | 250 |  |
| 90   | 18        | 24x1,5            | 81090GG06 | 5         | 250 |  |

### Art. 93

Euroconus fitting for copper pipe. With o-ring



| ART. | PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |  |
|------|-----------|-------------------|-----------|-----------|-----|--|
|      |           |                   |           |           |     |  |
| 93   | 12        | 3/4"              | 81093HB06 | 5         | 250 |  |
| 93   | 14        | 3/4"              | 81093HC06 | 5         | 250 |  |
| 93   | 15        | 3/4"              | 81093HD06 | 5         | 250 |  |
| 93   | 16        | 3/4"              | 81093HE06 | 5         | 250 |  |
| 93   | 18        | 3/4"              | 81093HF06 | 5         | 250 |  |

### Art. 98

Fitting for Pex and Pex-Al-Pex pipe.



| ART. | PIPE SIZE | EXT. PIPE SIZE | INT. PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |  |
|------|-----------|----------------|----------------|-------------------|-----------|-----------|-----|--|
|      |           |                |                |                   |           |           |     |  |
| 98   | 16x1,5    | 16             | 13             | 1/2"              | 81098GI06 | 5         | 250 |  |
| 98   | 14x2      | 14             | 10             | 1/2"              | 81098BN06 | 5         | 250 |  |
| 98   | 16x2      | 16             | 12             | 1/2"              | 81098GH06 | 5         | 250 |  |
| 98   | 16x2,2    | 16             | 11,6           | 1/2"              | 81098BO06 | 5         | 250 |  |
| 98   | 16x2,25   | 16             | 11,5           | 1/2"              | 81098B006 | 5         | 250 |  |

### Art. 100

Fitting for Pex and Pex-Al-Pex pipe.



| ART. | PIPE SIZE                 | EXT. PIPE SIZE | INT. PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |  |
|------|---------------------------|----------------|----------------|-------------------|-----------|-----------|-----|--|
|      |                           |                |                |                   |           |           |     |  |
| 100  | 18x2,5                    | 18             | 13             | 24x1,5            | 81100GG06 | 5         | 250 |  |
| 100  | 20x2,5                    | 20             | 15             | 24x1,5            | 81100GK06 | 5         | 250 |  |
| 100  | 12x1,1                    | 12             | 9,8            | 24x1,5            | 81100GB06 | 5         | 250 |  |
| 100  | 12X2                      | 12             | 8              | 24x1,5            | 81100BM06 | 5         | 250 |  |
| 100  | 14X2                      | 14             | 10             | 24x1,5            | 81100BN06 | 5         | 250 |  |
| 100  | 16X2                      | 16             | 12             | 24x1,5            | 81100GH06 | 5         | 250 |  |
| 100  | 18X2                      | 18             | 14             | 24x1,5            | 81100GJ06 | 5         | 250 |  |
| 100  | 20X2                      | 20             | 16             | 24x1,5            | 81100BQ06 | 5         | 250 |  |
| 100  | 16X2,2                    | 16             | 11,6           | 24x1,5            | 81100BO06 | 5         | 250 |  |
| 100  | 16X2,25                   | 16             | 11,5           | 24x1,5            | 81100B006 | 5         | 250 |  |
| 100  | 18X2,2                    | 18             | 13,6           | 24x1,5            | 81100BP06 | 5         | 250 |  |
| 100  | 20X2,25                   | 20             | 15,5           | 24x1,5            | 81100BR06 | 5         | 250 |  |
| 100  | 16X1,5                    | 16             | 13             | 24x1,5            | 81100GI06 | 5         | 250 |  |
| 100  | 20X1,9                    | 20             | 16,2           | 24x1,5            | 81100GN06 | 5         | 250 |  |
| 100  | 16X2,6<br>rehaus rautitan | 16,2           | 11             | 24x1,5            | 81100GL06 | 5         | 250 |  |
| 100  | 17x2                      | 17             | 13             | 24x1,5            | 81100BS06 | 5         | 250 |  |
| 100  | 20x2,9                    | 20             | 14,2           | 24x1,5            | 81100GM06 | 5         | 250 |  |
| 100  | 25x2,5                    | 20             | 15             | 1"                | 81100GO06 | 5         | 250 |  |
| 100  | 26x3                      | 20             | 14             | 1"                | 81100GP06 | 5         | 250 |  |

## RACORES PARA TUBO DE COBRE, PEX Y MULTICAPA

### Art. 101

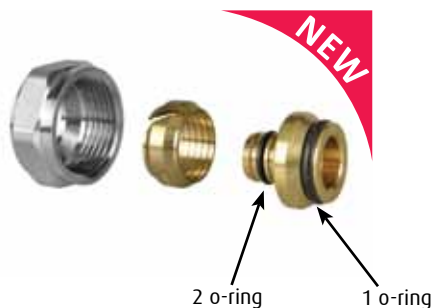
Fitting for Pex and Pex-Al-Pex pipe. Long nut and adapter with 3 o-rings.



| ART. | PIPE SIZE                 | EXT. PIPE SIZE | INT. PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |
|------|---------------------------|----------------|----------------|-------------------|-----------|-----------|-----|
| 101  | 18x2,5                    | 18             | 13             | 3/4"              | 81101GG06 | 5         | 250 |
| 101  | 20x2,5                    | 20             | 15             | 3/4"              | 81101GK06 | 5         | 250 |
| 101  | 12x1,1                    | 12             | 9,8            | 3/4"              | 81101GB06 | 5         | 250 |
| 101  | 12X2                      | 12             | 8              | 3/4"              | 81101BM06 | 5         | 250 |
| 101  | 14X2                      | 14             | 10             | 3/4"              | 81101BN06 | 5         | 250 |
| 101  | 16X2                      | 16             | 12             | 3/4"              | 81101GH06 | 5         | 250 |
| 101  | 18X2                      | 18             | 14             | 3/4"              | 81101GJ06 | 5         | 250 |
| 101  | 20X2                      | 20             | 16             | 3/4"              | 81101BQ06 | 5         | 250 |
| 101  | 16X2,2                    | 16             | 11,6           | 3/4"              | 81101B006 | 5         | 250 |
| 101  | 16X2,25                   | 16             | 11,5           | 3/4"              | 81101B006 | 5         | 250 |
| 101  | 18X2,2                    | 18             | 13,6           | 3/4"              | 81101BP06 | 5         | 250 |
| 101  | 20X2,25                   | 20             | 15,5           | 3/4"              | 81101BR06 | 5         | 250 |
| 101  | 16X1,5                    | 16             | 13             | 3/4"              | 81101GI06 | 5         | 250 |
| 101  | 20X1,9                    | 20             | 16,2           | 3/4"              | 81101GN06 | 5         | 250 |
| 101  | 16X2,6<br>rehauf rautitan | 16,2           | 11             | 3/4"              | 81101GL06 | 5         | 250 |
| 101  | 17x2                      | 17             | 13             | 3/4"              | 81101BS06 | 5         | 250 |
| 101  | 20x2,9                    | 20             | 14,2           | 3/4"              | 81101GM06 | 5         | 250 |

### Art. 119

Fitting for Pex and Pex-Al-Pex pipe. Short nut and adapter with 3 o-rings.



| ART. | PIPE SIZE | EXT. PIPE SIZE | INT. PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |     |
|------|-----------|----------------|----------------|-------------------|-----------|-----------|-----|
| 119  | 16x2      | 16             | 12             | 3/4"              | 81119GH06 | 5         | 250 |
| 119  | 17x2      | 17             | 13             | 3/4"              | 81119BS06 | 5         | 250 |

### Art. 116 - Art. 117

Wrench for fittings. Art.116 Hexagon 24-Hexagon 27 for 1/2"-24x1,5 thread. Art.117 Hexagon 24-Hexagon 27 for 24x1,5-3/4" thread.



| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 116  | 24-27 | 871160006 | 1         |  |
| 117  | 27-30 | 871170006 | 1         |  |

## RACORES CURVOS, EXCÉNTRICAS PARA RADIADOR Y ROSETAS CUBRETUBOS

### Art. 808

Three pieces elbow radiator union. With o-ring.



**BRASS VERSION**



**CHROME VERSION**

| ART. | SIZE  | CODE      | PACKAGING |     |  |  |
|------|-------|-----------|-----------|-----|--|--|
|      |       |           |           |     |  |  |
| 808  | 3/8"  | 85808AC05 | 30        | 150 |  |  |
| 808  | 1/2"  | 85808AD05 | 20        | 100 |  |  |
| 808  | 3/4"  | 85808AE05 | 10        | 100 |  |  |
| 808  | 1"    | 85808AF05 | 1         | 50  |  |  |
| 808  | 1"1/4 | 85808AG05 | 1         | 20  |  |  |
| 808  | 1"1/2 | 85808AH05 | 1         | 20  |  |  |
| 808  | 2"    | 85808AJ05 | 1         | 20  |  |  |
| 808  | 3/8"  | 85808AC06 | 30        | 150 |  |  |
| 808  | 1/2"  | 85808AD06 | 20        | 100 |  |  |
| 808  | 3/4"  | 85808AE06 | 10        | 100 |  |  |
| 808  | 1"    | 85808AF06 | 1         | 50  |  |  |
| 808  | 1"1/4 | 85808AG06 | 1         | 20  |  |  |
| 808  | 1"1/2 | 85808AH06 | 1         | 20  |  |  |
| 808  | 2"    | 85808AJ06 | 1         | 20  |  |  |

### Art. 818

Three pieces straight radiator union. With o-ring.



**BRASS VERSION**



**CHROME VERSION**

| ART. | SIZE  | CODE      | PACKAGING |     |  |  |
|------|-------|-----------|-----------|-----|--|--|
|      |       |           |           |     |  |  |
| 818  | 3/8"  | 85818AC05 | 30        | 150 |  |  |
| 818  | 1/2"  | 85818AD05 | 20        | 100 |  |  |
| 818  | 3/4"  | 85818AE05 | 10        | 100 |  |  |
| 818  | 1"    | 85818AF05 | 1         | 50  |  |  |
| 818  | 1"1/4 | 85818AG05 | 1         | 20  |  |  |
| 818  | 1"1/2 | 85818AH05 | 1         | 20  |  |  |
| 818  | 2"    | 85818AJ05 | 1         | 20  |  |  |
| 818  | 3/8"  | 85818AC06 | 30        | 150 |  |  |
| 818  | 1/2"  | 85818AD06 | 20        | 100 |  |  |
| 818  | 3/4"  | 85818AE06 | 10        | 100 |  |  |
| 818  | 1"    | 85818AF06 | 1         | 50  |  |  |
| 818  | 1"1/4 | 85818AG06 | 1         | 20  |  |  |
| 818  | 1"1/2 | 85818AH06 | 1         | 20  |  |  |
| 818  | 2"    | 85818AJ06 | 1         | 20  |  |  |

### Art. 720

Three pieces straight radiator union. With o-ring.



| ART. | SIZE   | CODE      | PACKAGING |  |  |  |
|------|--------|-----------|-----------|--|--|--|
|      |        |           |           |  |  |  |
| 720  | 3/8"x1 | 82720CH06 | 10        |  |  |  |
| 720  | 3/8"x2 | 82720CI06 | 10        |  |  |  |
| 720  | 3/8"x3 | 82720CL06 | 10        |  |  |  |
| 720  | 3/8"x4 | 82720CM06 | 10        |  |  |  |
| 720  | 3/8"x5 | 82720CN06 | 10        |  |  |  |
| 720  | 3/8"x6 | 82720CO06 | 10        |  |  |  |
| 720  | 1/2"x1 | 82720CP06 | 10        |  |  |  |
| 720  | 1/2"x2 | 82720CQ06 | 10        |  |  |  |
| 720  | 1/2"x3 | 82720CR06 | 10        |  |  |  |
| 720  | 1/2"x4 | 82720CS06 | 10        |  |  |  |
| 720  | 1/2"x5 | 82720CT06 | 10        |  |  |  |
| 720  | 1/2"x6 | 82720CU06 | 10        |  |  |  |
| 720  | 3/4"x5 | 82720CV06 | 10        |  |  |  |

## RACORES CURVOS, EXCÉNTRICAS PARA RADIADOR Y ROSETAS CUBRETUBOS



### Art. 140

1/2" angle fitting. Flat seat, 3/4" nut. For connection to wall boilers.

| ART. | SIZE | CODE      | PACKAGING                                                                              |  |
|------|------|-----------|----------------------------------------------------------------------------------------|--|
| 140  | 1/2" | 90140AD06 |  10 |  |



### Art. 141

1/2" angle fitting. Conical seat, o-ring. To connect the valve to the radiator.

| ART. | SIZE | CODE      | PACKAGING                                                                              |  |
|------|------|-----------|----------------------------------------------------------------------------------------|--|
| 141  | 1/2" | 90141AD06 |  10 |  |



### Art. 106

Single rosette for two-pipe radiator valve. With pipe cover.

| ART. |  | CODE      | PACKAGING                                                                                |  |
|------|--|-----------|------------------------------------------------------------------------------------------|--|
| 106  |  | 82106AC20 |  20 |  |



### Art. 107

Double rosette for one-pipe radiator valve. With pipe cover.

| ART. |  | CODE      | PACKAGING                                                                                |  |
|------|--|-----------|------------------------------------------------------------------------------------------|--|
| 107  |  | 81107AD20 |  20 |  |



### Art. 108

Single rosette for two-pipe radiator valve.

| ART. |  | CODE      | PACKAGING                                                                                |  |
|------|--|-----------|------------------------------------------------------------------------------------------|--|
| 108  |  | 82108AC20 |  20 |  |



### Art. 109

Double rosette for one-pipe radiator valve.

| ART. |  | CODE      | PACKAGING                                                                                |  |
|------|--|-----------|------------------------------------------------------------------------------------------|--|
| 109  |  | 81109AD20 |  20 |  |



## PURGADORES DE AIRE PARA RADIADOR

### Art. 701

Manual air vent. Soft seat, white plastic knob.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 701  | 1/8" | 82701AA06 | 100       |  |
| 701  | 1/4" | 82701AB06 | 100       |  |
| 701  | 3/8" | 82701AC06 | 100       |  |
| 701  | 1/2" | 82701AD06 | 100       |  |

### Art. 702

Manual air vent. Soft seat, white plastic knob, teflon ring.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 702  | 1/4" | 82702AB06 | 100       |  |
| 702  | 3/8" | 82702AC06 | 100       |  |
| 702  | 1/2" | 82702AD06 | 100       |  |

### Art. 703

Manual air vent . Soft seat, brass nickel plated knob.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 703  | 1/8" | 82703AA06 | 100       |  |
| 703  | 1/4" | 82703AB06 | 100       |  |
| 703  | 3/8" | 82703AC06 | 100       |  |

### Art. 717

Manual air vent with revolving drain knob. O-ring seat on the radiator connection.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 717  | 1/8" | 82717AA06 | 100       |  |
| 717  | 1/4" | 82717AB06 | 100       |  |
| 717  | 3/8" | 82717AC06 | 100       |  |

### Art. 705

Manual air vent with revolving drain knob. O-ring seat on the radiator connection.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 705  | 1/2" | 82705AD06 | 100       |  |
| 705  | 3/4" | 82705AE06 | 100       |  |

## PURGADORES DE AIRE PARA RADIADOR

### Art. 706

Plug with o-ring seat on the radiator connection.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 706  | 1/2" | 82706AD06 | 100       |  |
| 706  | 3/4" | 82706AE06 | 100       |  |

### Art. 715

Angle automatic floating air vent. Nickel plated.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 715  | 3/8" | 82715AC06 | 100       |  |
| 715  | 1/2" | 82715AD06 | 100       |  |
| 715  | 3/4" | 82715AE06 | 100       |  |

### Art. 716

Radiator plug with automatic floating air vent. EPDM gasket on the radiator connection.



| ART. | SIZE | CODE      | PACKAGING |     |  |
|------|------|-----------|-----------|-----|--|
| 716  | 1"DX | 82716AF06 | 10        | 100 |  |
| 716  | 1"SX | 82716AT06 | 10        | 100 |  |

### Art. 718

Metal tool for item 705, 5 mm.



| ART. | SIZE | MATERIALE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|-----------|--|
| 718  | 5 MM | METALLO   | 827180006 | 100       |  |
| 718  | 5 MM | PLASTICA  | 827180020 | 100       |  |

# Válvulas y detentores decorativos para radiador



Válvulas y detentores decorativos para radiador



CABEZAL TERMOSTÁTICO Y ROSETAS CUBRETUBO  
CROMADAS

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



### Art. 1110

Angle valve with thermostatic option. For copper, Pex-Al-pex, pex piping. With anti-leakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **Chrome finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING<br> |  |
|------|------|----------------------|------------|--------------------------------------------------------------------------------------------------|--|
| 1110 | 3/8" | 24X1,5               | 821110AC07 | 1                                                                                                |  |
| 1110 | 1/2" | 24X1,5               | 821110AD07 | 1                                                                                                |  |



### Art. 1111

Straight valve with thermostatic option. For copper, Pex-Al-pex, pex piping. With anti-leakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **Chrome finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING<br> |  |
|------|------|----------------------|------------|---------------------------------------------------------------------------------------------------|--|
| 1111 | 3/8" | 24X1,5               | 821111AC07 | 1                                                                                                 |  |
| 1111 | 1/2" | 24X1,5               | 821111AD07 | 1                                                                                                 |  |



### Art. 1112

Angle valve with thermostatic option. For iron piping. With anti-leakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **Chrome finish.**



| ART. | SIZE |  | CODE       | PACKAGING<br> |  |
|------|------|--|------------|----------------------------------------------------------------------------------------------------|--|
| 1112 | 1/2" |  | 821112AD07 | 1                                                                                                  |  |



### Art. 1113

Straight valve with thermostatic option. For iron piping. With antileakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **Chrome finish.**



| ART. | SIZE |  | CODE       | PACKAGING<br> |  |
|------|------|--|------------|----------------------------------------------------------------------------------------------------|--|
| 1113 | 1/2" |  | 821113AD07 | 1                                                                                                  |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR

RIGHT VERSION



LEFT VERSION

### Art. 1140

Double angle valve with thermostatic option for copper piping for thermostatic heads and electrothermic actuators. Right and left version available. Ideal for design radiators or in case of limited spaces. Choose thermostatic actuators with 28x1,5 connection thread. With anti-leakage radiator union. **Chrome finish.**



| ART. | SIZE | CONNECTION<br>THREAD | VERSION | CODE        | PACKAGING |  |
|------|------|----------------------|---------|-------------|-----------|--|
| 1140 | 1/2" | 24x1,5               | RIGHT   | 821140ADD07 | 1         |  |
| 1140 | 1/2" | 24x1,5               | LEFT    | 821140ADS07 | 1         |  |

### Art. 1114

Single setting manual angle valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With antileakage radiator unit. **Chrome finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING |  |
|------|------|----------------------|------------|-----------|--|
| 1114 | 3/8" | 24X1,5               | 821114AC07 | 1         |  |
| 1114 | 1/2" | 24X1,5               | 821114AD07 | 1         |  |

### Art. 1115

Single setting manual straight valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **Chrome finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING |  |
|------|------|----------------------|------------|-----------|--|
| 1115 | 3/8" | 24X1,5               | 821115AC07 | 1         |  |
| 1115 | 1/2" | 24X1,5               | 821115AD07 | 1         |  |

### Art. 1116

Single setting manual angle valve. For iron piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **Chrome finish.**



| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1116 | 1/2" |  | 821116AD07 | 1         |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



### Art. 1117

Single setting manual straight valve. For iron piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **Chrome finish.**

IRON PIPE

| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1117 | 1/2" |  | 821117AD07 | 1         |  |



### Art. 1118

Angle micrometric lockshield for copper, Pex-Al-Pex, Pex pipe. With antileakage radiator connection. **Chrome finish.**

COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|------|-------------------|------------|-----------|--|
| 1118 | 3/8" | 24X1,5            | 821118AC07 | 1         |  |
| 1118 | 1/2" | 24X1,5            | 821118AD07 | 1         |  |



### Art. 1119

Straight micrometric lockshield for copper, Pex-Al-Pex, Pex pipe. With antileakage radiator connection. **Chrome finish.**

COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|------|-------------------|------------|-----------|--|
| 1119 | 3/8" | 24X1,5            | 821119AC07 | 1         |  |
| 1119 | 1/2" | 24X1,5            | 821119AD07 | 1         |  |



### Art. 1120

Angle micrometric lockshield for iron pipe. With antileakage radiator connection. **Chrome finish.**

IRON PIPE

| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1120 | 1/2" |  | 821120AD07 | 1         |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



### Art. 1121

Straight micrometric lockshield for iron pipe. With antileakage radiator connection. **Chrome finish.**

IRON PIPE

| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1121 | 1/2" |  | 821121AD07 | 1         |  |

### RIGHT VERSION



### Art. 1143

Double angle lockshield for copper piping for design radiators. Right and left version available. With antileakage radiator connection. **Chrome finish.**



### LEFT VERSION

COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | VERSION  | CODE        | PACKAGING |  |
|------|------|-------------------|----------|-------------|-----------|--|
| 1143 | 1/2" | 24x1,5            | DESTRA   | 821143ADD07 | 1         |  |
| 1143 | 1/2" | 24x1,5            | SINISTRA | 821143ADS07 | 1         |  |

### Art. 1122

Angle valve with thermostatic option. For copper, Pex-Al-pex, pex piping. With antileakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **White finish.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|------|-------------------|------------|-----------|--|
| 1122 | 3/8" | 24X1,5            | 821122AC13 | 1         |  |
| 1122 | 1/2" | 24X1,5            | 821122AD13 | 1         |  |

### Art. 1123

Straight valve with thermostatic option. For copper, Pex-Al-pex, pex piping. With anti-leakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **White finish.**



COPPER  
MULTILAYER  
PE-X

| ART. | SIZE | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|------|-------------------|------------|-----------|--|
| 1123 | 3/8" | 24X1,5            | 821123AC13 | 1         |  |
| 1123 | 1/2" | 24X1,5            | 821123AD13 | 1         |  |



## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR

### Art. 1124

Angle valve with thermostatic option. For iron piping. With anti-leakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **White finish.**



IRON PIPE

| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1124 | 1/2" |  | 821124AD13 | 1         |  |

### Art. 1125

Straight valve with thermostatic option. For iron piping. With antileakage radiator union. Choose thermostatic actuators with 28x1,5 connection thread. For installation of electrothermic actuators use connection ring art. 23. **White finish.**



IRON PIPE

| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1125 | 1/2" |  | 821125AD13 | 1         |  |

### RIGHT VERSION



### LEFT VERSION

### Art. 1146

Double angle valve with thermostatic option for copper piping for thermostatic heads and electrothermic actuators. Right and left version available. Ideal for design radiators or in case of limited spaces. Choose thermostatic actuators with 28x1,5 connection thread. With antileakage radiator union. **White finish.**

COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION THREAD | VERSION | CODE        | PACKAGING |  |
|------|------|-------------------|---------|-------------|-----------|--|
| 1146 | 1/2" | 24x1,5            | RIGHT   | 821146ADD13 | 1         |  |
| 1146 | 1/2" | 24x1,5            | LEFT    | 821146ADS13 | 1         |  |

### Art. 1126

Single setting manual angle valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With antileakage radiator unit. **White finish.**



COPPER

MULTILAYER

PE-X

| ART. | SIZE | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|------|-------------------|------------|-----------|--|
| 1126 | 3/8" | 24X1,5            | 821126AC13 | 1         |  |
| 1126 | 1/2" | 24X1,5            | 821126AD13 | 1         |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



### Art. 1127

Single setting manual straight valve. For copper, Pex-Al-Pex and Pex piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **White finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING<br> |  |
|------|------|----------------------|------------|--------------------------------------------------------------------------------------------------|--|
| 1127 | 3/8" | 24X1,5               | 821127AC13 | 1                                                                                                |  |
| 1127 | 1/2" | 24X1,5               | 821127AD13 | 1                                                                                                |  |



### Art. 1128

Single setting manual angle valve. For iron piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **White finish.**



| ART. | SIZE |  | CODE       | PACKAGING<br> |  |
|------|------|--|------------|----------------------------------------------------------------------------------------------------|--|
| 1128 | 1/2" |  | 821128AD13 | 1                                                                                                  |  |



### Art. 1129

Single setting manual straight valve. For iron piping. Double sealing on the spindle with o'ring and PTFE gasket and on the valve seat. With anti-leakage radiator unit. **White finish.**



| ART. | SIZE |  | CODE       | PACKAGING<br> |  |
|------|------|--|------------|----------------------------------------------------------------------------------------------------|--|
| 1129 | 1/2" |  | 821129AD13 | 1                                                                                                  |  |



### Art. 1130

Angle micrometric lockshield for copper, Pex-Al-Pex, Pex pipe. With antileakage radiator connection. **White finish.**

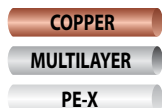


| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING<br> |  |
|------|------|----------------------|------------|----------------------------------------------------------------------------------------------------|--|
| 1130 | 3/8" | 24X1,5               | 821130AC13 | 1                                                                                                  |  |
| 1130 | 1/2" | 24X1,5               | 821130AD13 | 1                                                                                                  |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR

### Art. 1131

Straight micrometric lockshield for copper, Pex-Al-Pex, Pex pipe. With antileakage radiator connection. **White finish.**



| ART. | SIZE | CONNECTION<br>THREAD | CODE       | PACKAGING |  |
|------|------|----------------------|------------|-----------|--|
| 1131 | 3/8" | 24X1,5               | 821131AC13 | 1         |  |
| 1131 | 1/2" | 24X1,5               | 821131AD13 | 1         |  |

### Art. 1132

Angle micrometric lockshield for iron pipe. With antileakage radiator connection. **White finish.**



| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1132 | 1/2" |  | 821132AD13 | 1         |  |

### Art. 1133

Straight micrometric lockshield for iron pipe. With antileakage radiator connection. **White finish.**



| ART. | SIZE |  | CODE       | PACKAGING |  |
|------|------|--|------------|-----------|--|
| 1133 | 1/2" |  | 821133AD13 | 1         |  |

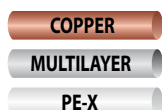
### Art. 1147

Double angle lockshield for copper piping for design radiators. Right and left version available. **White finish.**

RIGHT VERSION



LEFT VERSION



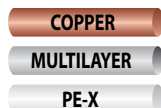
| ART. | SIZE | CONNECTION<br>THREAD | VERSION | CODE        | PACKAGING |  |
|------|------|----------------------|---------|-------------|-----------|--|
| 1147 | 1/2" | 24x1,5               | RIGHT   | 821147ADD13 | 1         |  |
| 1147 | 1/2" | 24x1,5               | LEFT    | 821147ADS13 | 1         |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



### Art. 938 - Art. 968

Single-double pipe valve for towel heaters and design radiators with 360° rotating pipe connection. Universal model which can be installed both on right / left hand side of the towel heater. Distance between the exits 50 mm. The valve can be easily switched from one to two pipe systems. It includes an internal lockshield for the by-pass regulation when installed in one-pipe systems. **Chrome finish.**



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 938  | 1/2" | 24X1,5            | 82938AD07 | 1         |  |
| 968  | 1/2" | 3/4"              | 82968AD07 | 1         |  |



### Art. 930

Single-double pipe valve with thermostatic option. Adjustable for wall or floor connection. It can be installed either on the right or on the left side of the radiator. Built-in lockshield-valve. Interaxe 50 mm. Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. **Chrome finish.**



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 930  | 1/2" | 3/4"              | 82930AD07 | 1         |  |



### Art. 923 - Art. 943

Single-double pipe valve for towel heaters and design radiators with 360° rotating pipe connection. Universal model which can be installed both on right / left hand side of the towel heater. Distance between the exits 50 mm. The valve can be easily switched from one to two pipe systems. It includes an internal lockshield for the by-pass regulation when installed in one-pipe systems. **White finish.**

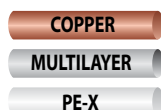


| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 923  | 1/2" | 24X1,5            | 82923AD13 | 1         |  |
| 943  | 1/2" | 3/4"              | 82943AD13 | 1         |  |



### Art. 931

Single-double pipe valve with thermostatic option. Adjustable for wall or floor connection. It can be installed either on the right or on the left side of the radiator. Built-in lockshield-valve. Interaxe 50 mm. Choose thermostatic and electrothermic actuators with 28x1,5 connection thread. **White finish.**



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 931  | 1/2" | 3/4"              | 82931AD07 | 1         |  |

## VÁLVULAS Y DETENTORES DECORATIVOS PARA RADIADOR



**Art. 91**  
Fitting "SICURBLOC" for copper pipe. **Chrome finish.**

| ART. | PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|-----------|-------------------|-----------|-----------|--|
| 91   | 10        | 24x1,5            | 81091GB07 | 2         |  |
| 91   | 12        | 24x1,5            | 81091GC07 | 2         |  |
| 91   | 14        | 24x1,5            | 81091GD07 | 2         |  |
| 91   | 15        | 24x1,5            | 81091GE07 | 2         |  |
| 91   | 16        | 24x1,5            | 81091GF07 | 2         |  |
| 91   | 18        | 24x1,5            | 81091GG07 | 2         |  |

**Art. 95**

Fitting for Pex and Pex-Al-Pex pipe. **Chrome finish.**



| ART. | PIPE SIZE         | EXT. PIPE SIZE | INT. PIPE SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|-------------------|----------------|----------------|-------------------|-----------|-----------|--|
| 95   | 18x2,5            | 18             | 13             | 24X1,5            | 81095GG07 | 2         |  |
| 95   | 20x2,5            | 20             | 15             | 24X1,5            | 81095GK07 | 2         |  |
| 95   | 12X2              | 12             | 8              | 24X1,5            | 81095BM07 | 2         |  |
| 95   | 14X2              | 14             | 10             | 24X1,5            | 81095BN07 | 2         |  |
| 95   | 16X2              | 16             | 12             | 24X1,5            | 81095GH07 | 2         |  |
| 95   | 18X2              | 18             | 14             | 24X1,5            | 81095GJ07 | 2         |  |
| 95   | 20X2              | 20             | 16             | 24X1,5            | 81095BQ07 | 2         |  |
| 95   | 16X2,2            | 16             | 11,6           | 24X1,5            | 81095B007 | 2         |  |
| 95   | 16X2,25           | 16             | 11,5           | 24X1,5            | 81095B007 | 2         |  |
| 95   | 18X2,2            | 18             | 13,6           | 24X1,5            | 81095BP07 | 2         |  |
| 95   | 20X2,25           | 20             | 15,5           | 24X1,5            | 81095BR07 | 2         |  |
| 95   | 16X1,5            | 16             | 13             | 24X1,5            | 81095GI07 | 2         |  |
| 95   | 20X1,9            | 20             | 16,2           | 24X1,5            | 81095GN07 | 2         |  |
| 95   | 16X2,6 rehautitan | 16,2           | 11             | 24X1,5            | 81095GL07 | 2         |  |
| 95   | 17x2              | 17             | 13             | 24x1,5            | 81095BS07 | 2         |  |
| 95   | 20x2,9            | 20             | 14,2           | 24x1,5            | 81095GM07 | 2         |  |

## CABEZAL TERMOSTÁTICO Y ROSETAS CUBRETUBOS CROMADA



**Art. 1099**

Thermostatic head with **liquid sensor** for thermostatic valves for radiators. Temperature locking and limiting to a desired value with a forked pin system (see page 2). **Chrome finish.**

| ART. | CONNECTION THREAD | CODE       | PACKAGING |  |
|------|-------------------|------------|-----------|--|
| 1099 | 28X1,5            | 821099AC07 | 1 50      |  |

**Art. 106**

**Chromed** single rosette with pipe cover for two-pipe valve.



| ART. | CODE      | PACKAGING |  |
|------|-----------|-----------|--|
| 106  | 82106AC07 | 30        |  |

**Art. 108**

**Chromed** single rosette for two-pipe valve.



| ART. | CODE      | PACKAGING |  |
|------|-----------|-----------|--|
| 108  | 82108AC07 | 30        |  |

# Válvulas de zona, colectores y cajas



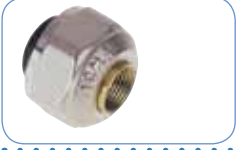
**VÁLVULAS DE ZONA**



**COLECTORES SIMPLES Y MODULARES**



**ACCESORIOS PARA COLECTOR**



**FITTINGS FOR COPPER, PEX-AL-PEX, PEX PIPE**

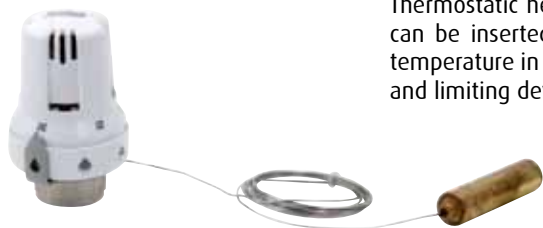


**MINI BALL VALVES**



**TOOLS TO ASSEMBLE VALVES, MANIFOLDS AND FITTINGS**

## CABEZALES TERMOSTÁTICOS PARA VALVULAS DE ZONA



### Art. 995

Thermostatic head with remote sensor. **Working temperature range 20°-50° C.** The sensor can be inserted in our cockpit art.189 (cockpit length 63 mm). Suitable to feel the water temperature in underfloor heating systems and to regulate at fixed value. Temperature locking and limiting device on a desired value. Both operations can be done without tools.

| ART. | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|----------------------|-----------|-----------|----|--|
|      |                      |           |           |    |  |
| 995  | 30X1,5               | 82995AC20 | 1         | 10 |  |



### Art. 189

Cockpit for thermostatic heads with remote sensor art. 994 and 995. 63 mm long.

| ART. | SIZE | CODE      | PACKAGING |  |  |
|------|------|-----------|-----------|--|--|
|      |      |           |           |  |  |
| 189  | 1/2" | 87189AD06 | 10        |  |  |



### Art. 992

Thermostatic head with remote sensor. **Working temperature range 20°-70°C.** The sensor can be inserted in our cockpit art.212 (cockpit length 132 mm). Suitable to feel the water temperature in underfloor heating systems and to regulate at fixed value. Temperature locking and limiting device on a desired value. Both operations can be done without tools.

| ART. | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|----------------------|-----------|-----------|----|--|
|      |                      |           |           |    |  |
| 992  | 30X1,5               | 82992AC20 | 1         | 10 |  |



### Art. 997

Thermostatic head with remote sensor. **Working temperature range 60°-90°C.** The sensor can be inserted in our cockpit art. 212 (cockpit length 132 mm). Suitable to feel the water temperature in underfloor heating systems. Temperature locking and limiting device on a desired value. Both operations can be done without tools.

| ART. | CONNECTION<br>THREAD | CODE      | PACKAGING |    |  |
|------|----------------------|-----------|-----------|----|--|
|      |                      |           |           |    |  |
| 997  | 30X1,5               | 82997AC20 | 1         | 10 |  |



### Art. 212

Cockpit for thermostatic heads with remote sensor art. 991, 992 and 997. 132 mm long.

| ART. | SIZE | CODE      | PACKAGING |  |  |
|------|------|-----------|-----------|--|--|
|      |      |           |           |  |  |
| 212  | 1/2" | 87212AD05 | 10        |  |  |

## VÁLVULAS DE ZONA



### Art. 323

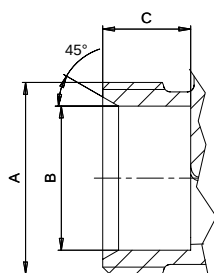
Three-way, mixing valve with thermostatic capillary remote sensor. It allows mixing two fluids, resulting in a fluid with intermediate temperature. **Setting range 20-50°C.** Max. working temperature 95°C, max. working pressure 10 bars, max. differential pressure 1 bar. **The probe also works when connected; for immersion use cockpit with sensor art. 212**

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 323  | 1/2" | 82323AD05 | 1         |  |
| 323  | 3/4" | 82323AE05 | 1         |  |
| 323  | 1"   | 82323AF05 | 1         |  |



### Art. 370

2 way fan coil valve. Conical seat, max. working temperature 110°C.



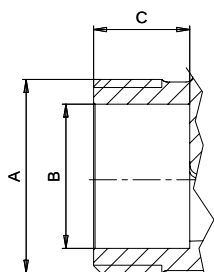
|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 14,5 | 11,5 |
| G3/4" | G3/4" | 20,5 | 13   |
| G1"   | G1"   | 26   | 13,5 |

| ART. | SIZE | Kv<br>(m³/h) | CODE      | PACKAGING |  |
|------|------|--------------|-----------|-----------|--|
| 370  | 1/2" | 1,39         | 82370AD05 | 1         |  |
| 370  | 3/4" | 2,23         | 82370AE05 | 1         |  |
| 370  | 1"   | 4,00         | 82370AF05 | 1         |  |



### Art. 371

2 way fan coil valve. Flat seat, max. working temperature 110°C.



|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 13,8 | 11,5 |
| G3/4" | G3/4" | 19,5 | 13   |
| G1"   | G1"   | 24   | 13,5 |

| ART. | SIZE | Kv<br>(m³/h) | CODE      | PACKAGING |  |
|------|------|--------------|-----------|-----------|--|
| 371  | 1/2" | 1,39         | 82371AD05 | 1         |  |
| 371  | 3/4" | 2,23         | 82371AE05 | 1         |  |
| 371  | 1"   | 4,00         | 82371AF05 | 1         |  |



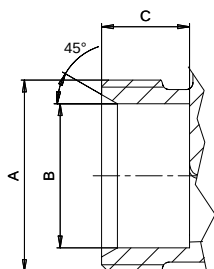
## VÁLVULAS DE ZONA



**NEW**

### Art. 376

2 way fan coil valve. Conical seat, max. working temperature 110°C. Equipped with ON-OFF normally closed actuator art. 980.



|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 14,5 | 11,5 |
| G3/4" | G3/4" | 20,5 | 13   |
| G1"   | G1"   | 26   | 13,5 |

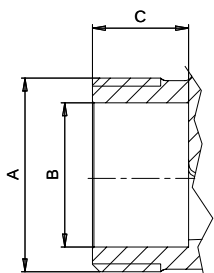
| ART. | SIZE | Kv<br>(m³/h) | CODE        | PACKAGING<br> |  |
|------|------|--------------|-------------|---------------|--|
| 376  | 1/2" | 1,39         | 82376ADNC53 | 1             |  |
| 376  | 3/4" | 2,23         | 82376AENC53 | 1             |  |
| 376  | 1"   | 4,00         | 82376AFNC53 | 1             |  |



**NEW**

### Art. 377

2 way fan coil valve. Flat seat, max. working temperature 110°C. Equipped with ON-OFF normally closed actuator art. 980.



|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 13,8 | 11,5 |
| G3/4" | G3/4" | 19,5 | 13   |
| G1"   | G1"   | 24   | 13,5 |

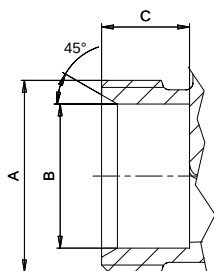
| ART. | SIZE | Kv<br>(m³/h) | CODE        | PACKAGING<br> |  |
|------|------|--------------|-------------|---------------|--|
| 377  | 1/2" | 1,39         | 82377ADNC53 | 1             |  |
| 377  | 3/4" | 2,23         | 82377AENC53 | 1             |  |
| 377  | 1"   | 4,00         | 82377AFNC53 | 1             |  |



**NEW**

### Art. 378

2 way fan coil valve. Conical seat, max. working temperature 110°C. Equipped with ON-OFF normally closed actuator art. 979.



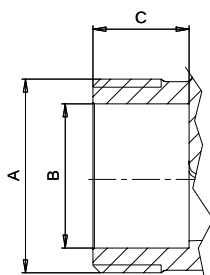
|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 14,5 | 11,5 |
| G3/4" | G3/4" | 20,5 | 13   |
| G1"   | G1"   | 26   | 13,5 |

| ART. | SIZE | Kv<br>(m³/h) | CODE        | PACKAGING<br> |  |
|------|------|--------------|-------------|---------------|--|
| 378  | 1/2" | 1,39         | 82378ADNC53 | 1             |  |
| 378  | 3/4" | 2,23         | 82378AENC53 | 1             |  |
| 378  | 1"   | 4,00         | 82378AFNC53 | 1             |  |

## VÁLVULAS DE ZONA

### Art. 379

2 way fan coil valve. Flat seat, max. working temperature 110°C. Equipped with ON-OFF normally closed actuator art. 979.

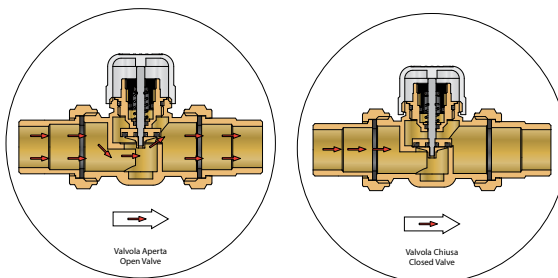


|       | A     | B    | C    |
|-------|-------|------|------|
| G1/2" | G1/2" | 13,8 | 11,5 |
| G3/4" | G3/4" | 19,5 | 13   |
| G1"   | G1"   | 24   | 13,5 |

| ART. | SIZE | Kv<br>(m³/h) | CODE        | PACKAGING |  |
|------|------|--------------|-------------|-----------|--|
| 379  | 1/2" | 1,39         | 82379ADNC53 | 1         |  |
| 379  | 3/4" | 2,23         | 82379AENC53 | 1         |  |
| 379  | 1"   | 4,00         | 82379AFNC53 | 1         |  |

### Art. 300

Two-way, zone piston valve. For electrothermic actuators with 30x1,5 connection thread art. 978, 979, 980 and thermostatic heads with remote sensor 992, 995 and 997. **The valve enables limiting the flow.** Max. working pressure 10 bars. Max. differential pressure 1 bar. Max. working temperature 95°C.



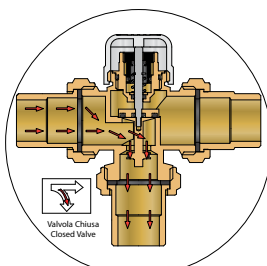
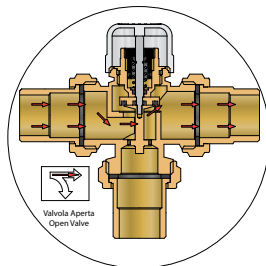
| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 300  | 1/2  | 30X1,5               | 82300AD05 | 1         |  |
| 300  | 3/4  | 30X1,5               | 82300AE05 | 1         |  |
| 300  | 1"   | 30X1,5               | 82300AF05 | 1         |  |

## VÁLVULAS DE ZONA



### Art. 301

Three-way, zone, diverting piston valve. For electrothermic actuators with 30x1,5 connection thread art. 978, 979, 980 and thermostatic heads with remote sensor 992, 995 and 997. **The valve enables limiting the flow rate on the straight way.** Max. working pressure 10 bars. Max. differential pressure 1 bar. Max. working temperature 95°C.

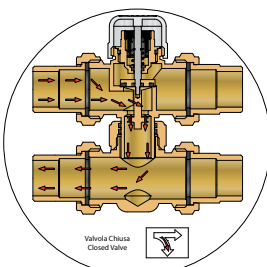
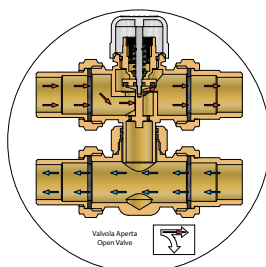


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 301  | 1/2  | 30X1,5               | 82301AD05 | 1                                                                                                |  |
| 301  | 3/4  | 30X1,5               | 82301AE05 | 1                                                                                                |  |
| 301  | 1"   | 30X1,5               | 82301AF05 | 1                                                                                                |  |



### Art. 302

Four-way, zone piston valve. For electrothermic actuators with 30x1,5 connection thread art. 978, 979, 980 and thermostatic heads with remote sensor 992, 995 and 997. **The valve enables limiting the flow rate on the straight way.** Max. working pressure 10 bars. Max. differential pressure 1 bar. Max. working temperature 95°C. Adjustable interaxe from 48 and 65 mm. Suitable for coplanar manifolds.

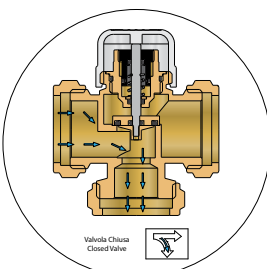
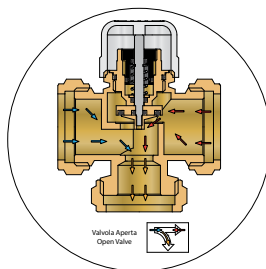


| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 302  | 1/2  | 30X1,5               | 82302AD05 | 1                                                                                                  |  |
| 302  | 3/4  | 30X1,5               | 82302AE05 | 1                                                                                                  |  |
| 302  | 1"   | 30X1,5               | 82302AF05 | 1                                                                                                  |  |



### Art. 305

Piston, mixing valve. For electrothermic actuators with 30x1,5 connection thread art. 978, 979, 980 and thermostatic heads with remote sensor 992, 995 and 997. **Flow rate control on the hot way, enabling the valve to work on bleeding mode.** Max. working pressure 10 bars. Max. differential pressure 1 bar. Max. working temperature 95°C. Connections for 22 mm copper pipe on the three sides.



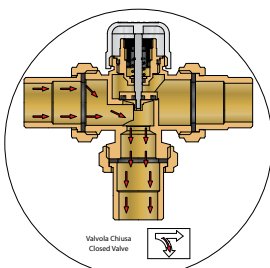
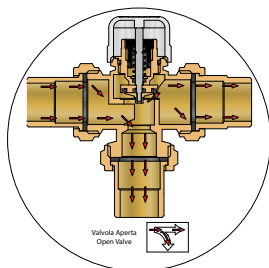
| ART. | SIZE  | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|-------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 305  | 22 mm | 30X1,5               | 82305BJ05 | 1                                                                                                  |  |

## VÁLVULAS DE ZONA



### Art. 307

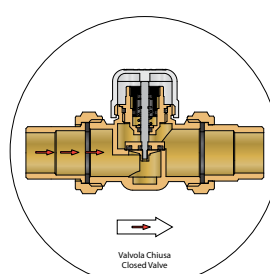
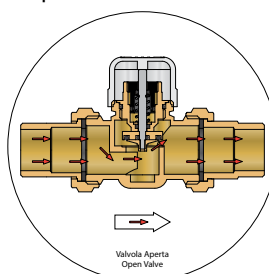
Piston, flow diverting valve; it feeds on bleeding mode a branched circuit on the straight way. For electrothermic actuators art. 978, 979, 980 and thermostatic heads with remote sensor 992, 995 and 997. **Flow rate control on the hot way, enabling the valve to work on bleeding mode.** Max. working pressure 10 bars. Max. differential pressure 1 bar. Max. working temperature 95°C.



| ART. | SIZE | CONNECTION THREAD | CODE      | PACKAGING |  |
|------|------|-------------------|-----------|-----------|--|
| 307  | 1/2  | 30X1,5            | 82307AD05 | 1         |  |
| 307  | 3/4  | 30X1,5            | 82307AE05 | 1         |  |
| 307  | 1"   | 30X1,5            | 82307AF05 | 1         |  |

### Art. 320

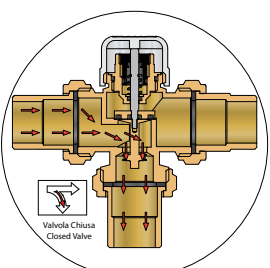
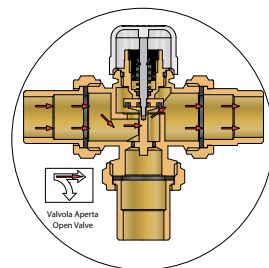
Two-way zone valve. **Normally closed electrothermic actuator with end microswitch for potential-free contact.** Max. working pressure 10 bar. Max. differential pressure 1 bar. Max. working temperature 95°C.



| ART. | SIZE | VOLTAGE  | CONNECTION THREAD | CODE        | PACKAGING |  |
|------|------|----------|-------------------|-------------|-----------|--|
| 320  | 1/2  | 230 volt | 30X1,5            | 82320ADNC53 | 1         |  |
| 320  | 3/4  | 230 volt | 30X1,5            | 82320AENC53 | 1         |  |
| 320  | 1"   | 230 volt | 30X1,5            | 82320AFNC53 | 1         |  |

### Art. 321

Three-way piston zone valve, **normally closed electrothermic actuator with end microswitch for potential-free contact.** Max. working pressure 10 bar. Max. differential pressure 1 bar. Max. working temperature 95°C.



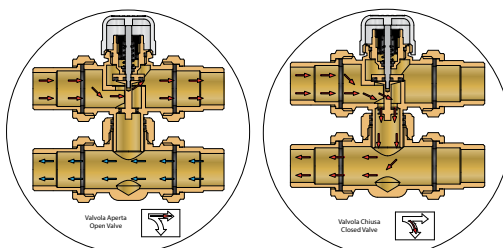
| ART. | SIZE | VOLTAGE  | CONNECTION THREAD | CODE        | PACKAGING |  |
|------|------|----------|-------------------|-------------|-----------|--|
| 321  | 1/2  | 230 volt | 30X1,5            | 82321ADNC53 | 1         |  |
| 321  | 3/4  | 230 volt | 30X1,5            | 82321AENC53 | 1         |  |
| 321  | 1"   | 230 volt | 30X1,5            | 82321AFNC53 | 1         |  |

## VÁLVULAS DE ZONA



### Art. 322

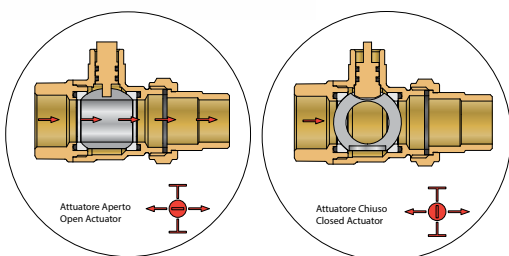
Three-way piston zone valve, **normally closed electrothermic actuator with end microswitch for potential-free contact**. Max. working pressure 10 bar. Max. differential pressure 1 bar. Max. working temperature 95°C. Adjustable interaxe from 48 mm to 65 mm. Suitable for coplanar manifolds.



| ART. | SIZE | VOLTAGE  | CONNECTION<br>THREAD | CODE        | PACKAGING |  |
|------|------|----------|----------------------|-------------|-----------|--|
| 322  | 1/2  | 230 volt | 30X1,5               | 82322ADNC53 | 1         |  |
| 322  | 3/4  | 230 volt | 30X1,5               | 82322AENC53 | 1         |  |
| 322  | 1"   | 230 volt | 30X1,5               | 82322AFNC53 | 1         |  |

### Art. 331

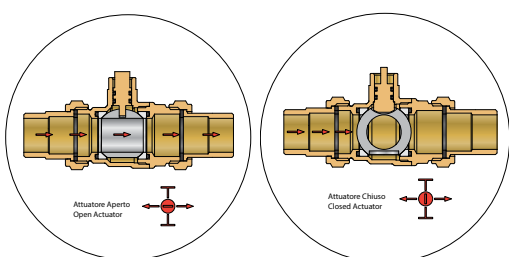
Male/female two-way full bore zone ball valve. It can be motor driven. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE  | CODE      | PACKAGING |    |
|------|-------|-----------|-----------|----|
| 331  | 1/2   | 82331AD05 | 1         | 10 |
| 331  | 3/4   | 82331AE05 | 1         | 10 |
| 331  | 1"    | 82331AF05 | 1         | 10 |
| 331  | 1"1/4 | 82331AG05 | 1         | 5  |

### Art. 332

Two-way full bore zone ball valve. It can be motor driven. Male thread unions. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.

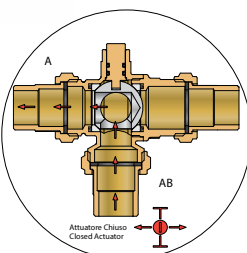
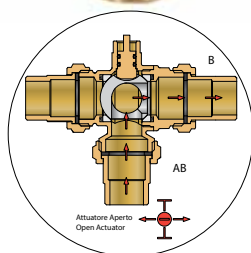


| ART. | SIZE  | CODE      | PACKAGING |    |
|------|-------|-----------|-----------|----|
| 332  | 1/2"  | 82332AD05 | 1         | 10 |
| 332  | 3/4"  | 82332AE05 | 1         | 10 |
| 332  | 1"    | 82332AF05 | 1         | 10 |
| 332  | 1"1/4 | 82332AG05 | 1         | 5  |

## VÁLVULAS DE ZONA

### Art. 333

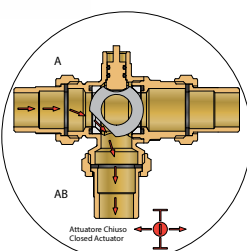
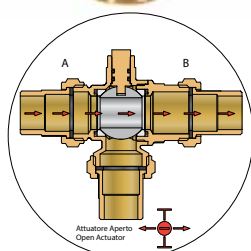
Three-way full bore diverting zone ball valve. It can be motor driven. Union connections. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE  | CODE      | PACKAGING |    |
|------|-------|-----------|-----------|----|
|      |       |           |           |    |
| 333  | 1/2   | 82333AD05 | 1         | 10 |
| 333  | 3/4   | 82333AE05 | 1         | 10 |
| 333  | 1"    | 82333AF05 | 1         | 10 |
| 333  | 1"1/4 | 82333AG05 | 1         | 5  |

### Art. 334

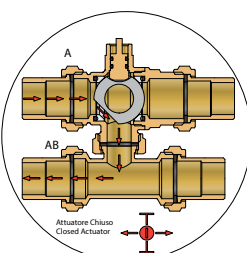
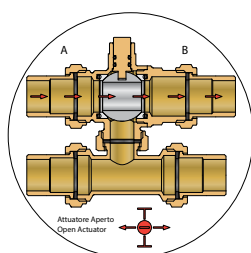
Three-way by-pass zone ball valve. It can be motor driven. Union connections. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE  | CODE      | PACKAGING |    |
|------|-------|-----------|-----------|----|
|      |       |           |           |    |
| 334  | 1/2   | 82334AD05 | 1         | 10 |
| 334  | 3/4   | 82334AE05 | 1         | 10 |
| 334  | 1"    | 82334AF05 | 1         | 10 |
| 334  | 1"1/4 | 82334AG05 | 1         | 5  |

### Art. 336

Four-way full bore zone ball valve. It can be motor driven. Union connections. Fixed interaxe 50 mm. By-pass variable. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.

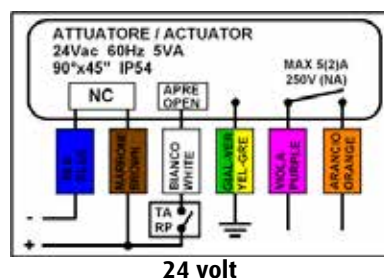
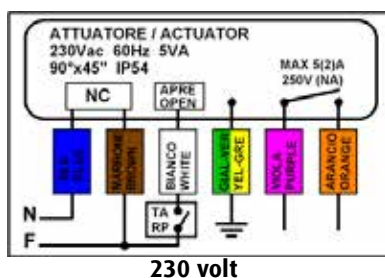


| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
|      |      |           |           |  |
| 336  | 3/4  | 82336AE05 | 1         |  |
| 336  | 1"   | 82336AF05 | 1         |  |

## VÁLVULAS DE ZONA

### Art. 337

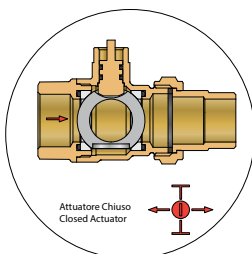
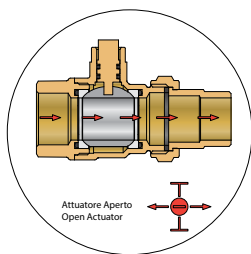
Servomotor for zone ball valves, normally closed, with relay and auxiliary microswitch. Max. ambient temperature 55°C, protection degree IP44, CE Mark Approved. Opening time 45 seconds.



| ART. | VOLTAGE    | CODE      | PACKAGING |    |
|------|------------|-----------|-----------|----|
|      |            |           |           |    |
| 337  | 230 volt   | 82337BI53 | 1         | 10 |
| 337  | 24 volt AC | 82337BI54 | 1         | 10 |

### Art. 341

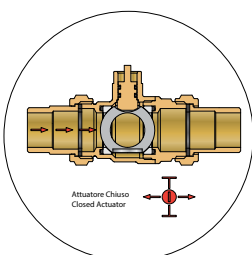
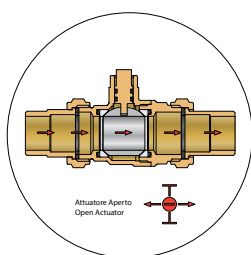
Male/female two-way full bore zone ball valve, with servomotor with relay and auxiliary microswitch for potential-free contact. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE  | VOLTAGE    | CODE        | PACKAGING |  |
|------|-------|------------|-------------|-----------|--|
|      |       |            |             |           |  |
| 341  | 1/2   | 230 volt   | 82341AD0553 | 1         |  |
| 341  | 3/4   | 230 volt   | 82341AE0553 | 1         |  |
| 341  | 1"    | 230 volt   | 82341AF0553 | 1         |  |
| 341  | 1"1/4 | 230 volt   | 82341AG0553 | 1         |  |
| 341  | 1/2   | 24 volt AC | 82341AD0554 | 1         |  |
| 341  | 3/4   | 24 volt AC | 82341AE0554 | 1         |  |
| 341  | 1"    | 24 volt AC | 82341AF0554 | 1         |  |
| 341  | 1"1/4 | 24 volt AC | 82341AG0554 | 1         |  |

### Art. 342

Two-way full bore zone ball valve with servomotor with relay and auxiliary microswitch for potential-free contact. Union connections. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE  | VOLTAGE    | CODE        | PACKAGING |  |
|------|-------|------------|-------------|-----------|--|
|      |       |            |             |           |  |
| 342  | 1/2"  | 230 volt   | 82342AD0553 | 1         |  |
| 342  | 3/4   | 230 volt   | 82342AE0553 | 1         |  |
| 342  | 1"    | 230 volt   | 82342AF0553 | 1         |  |
| 342  | 1"1/4 | 230 volt   | 82342AG0553 | 1         |  |
| 342  | 1/2   | 24 volt AC | 82342AD0554 | 1         |  |
| 342  | 3/4   | 24 volt AC | 82342AE0554 | 1         |  |
| 342  | 1"    | 24 volt AC | 82342AF0554 | 1         |  |
| 342  | 1"1/4 | 24 volt AC | 82342AG0554 | 1         |  |

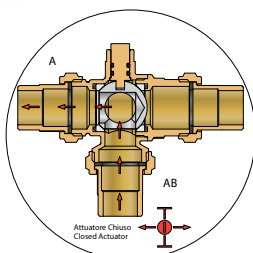
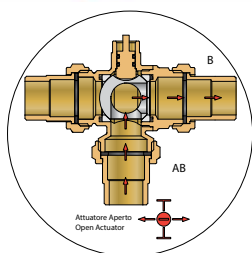


## VÁLVULAS DE ZONA



### Art. 343

Three way full bore diverting zone ball valve, with servomotor with relay and auxiliary microswitch for potential-free contact. Union connections. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.

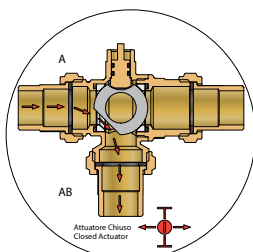
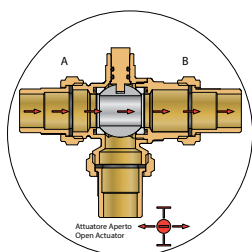


| ART. | SIZE  | VOLTAGE    | CODE        | PACKAGING |  |
|------|-------|------------|-------------|-----------|--|
| 343  | 1/2   | 230 volt   | 82343AD0553 | 1         |  |
| 343  | 3/4   | 230 volt   | 82343AE0553 | 1         |  |
| 343  | 1"    | 230 volt   | 82343AF0553 | 1         |  |
| 343  | 1"1/4 | 230 volt   | 82343AG0553 | 1         |  |
| 343  | 1/2   | 24 volt AC | 82343AD0554 | 1         |  |
| 343  | 3/4   | 24 volt AC | 82343AE0554 | 1         |  |
| 343  | 1"    | 24 volt AC | 82343AF0554 | 1         |  |
| 343  | 1"1/4 | 24 volt AC | 82343AG0554 | 1         |  |



### Art. 344

Three-way by-pass zone ball valve, with servomotor with relay and auxiliary microswitch for potential-free contact. Union connections. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.

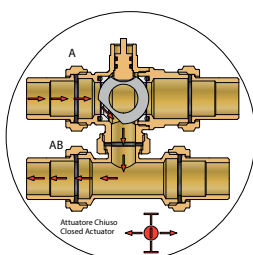
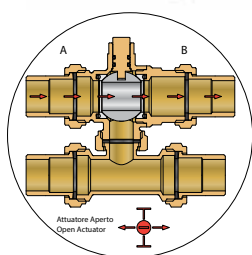


| ART. | SIZE  | VOLTAGE    | CODE        | PACKAGING |  |
|------|-------|------------|-------------|-----------|--|
| 344  | 1/2   | 230 volt   | 82344AD0553 | 1         |  |
| 344  | 3/4   | 230 volt   | 82344AE0553 | 1         |  |
| 344  | 1"    | 230 volt   | 82344AF0553 | 1         |  |
| 344  | 1"1/4 | 230 volt   | 82344AG0553 | 1         |  |
| 344  | 1/2   | 24 volt AC | 82344AD0554 | 1         |  |
| 344  | 3/4   | 24 volt AC | 82344AE0554 | 1         |  |
| 344  | 1"    | 24 volt AC | 82344AF0554 | 1         |  |
| 344  | 1"1/4 | 24 volt AC | 82344AG0554 | 1         |  |



### Art. 346

Four-way full bore zone ball valve, with servomotor with relay and auxiliary microswitch for potential-free contact. Union connections. Fixed interaxe 50 mm. Max. working pressure 16 bars. Max. differential pressure 10 bars. Max. working temperature 110°C.



| ART. | SIZE | VOLTAGE    | CODE        | PACKAGING |  |
|------|------|------------|-------------|-----------|--|
| 346  | 3/4  | 230 volt   | 82346AE0553 | 1         |  |
| 346  | 1"   | 230 volt   | 82346AF0553 | 1         |  |
| 346  | 3/4  | 24 volt AC | 82346AE0554 | 1         |  |
| 346  | 1"   | 24 volt AC | 82346AF0554 | 1         |  |



## VÁLVULAS DE ZONA DE CLAPETA



### Art. VZO 2F S

Válvula de zona de 2 vías motorizada, con micro (5 hilos), dispone de control manual para casos de emergencia. Tiempo de apertura o cierre 8 segundos.

| ART.          | MEDIDA | ALIMENTACIÓN | CÓDIGO     | EMBALAJE | PRECIO € |
|---------------|--------|--------------|------------|----------|----------|
| VZO 2 F 034 S | 3/4"   | 230 V        | 88VZ02F034 | 1        | 75,79    |
| VZO 2 F 010 S | 1"     | 230 V        | 88VZ02F010 | 1        | 75,79    |



### Art. VZO 3F S

Válvula de zona de 3 vías motorizada, con micro (5 hilos), dispone de control manual para casos de emergencia. Tiempo de apertura o cierre 8 segundos.

| ART.          | MEDIDA | ALIMENTACIÓN | CÓDIGO     | EMBALAJE | PRECIO € |
|---------------|--------|--------------|------------|----------|----------|
| VZO 3 F 034 S | 3/4"   | 230 V        | 88VZ03F034 | 1        | 81,09    |
| VZO 3 F 010 S | 1"     | 230 V        | 88VZ03F010 | 1        | 81,09    |

#### CARACTERÍSTICAS TÉCNICAS

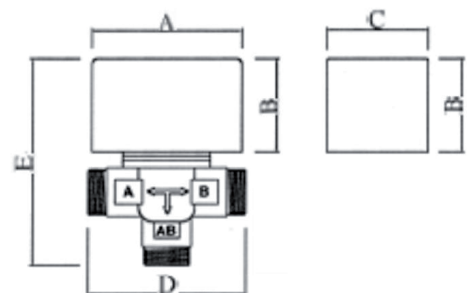
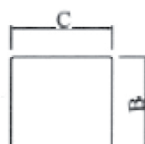
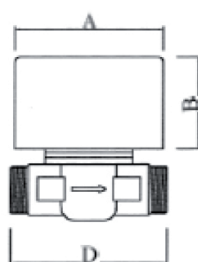
|                            |                  |
|----------------------------|------------------|
| Alimentación               | 230v             |
| Consumo                    | 6W               |
| Temperatura fluido         | +5C° hasta +88°C |
| Longitud de cable          | 1000mm (5 Hilos) |
| Temperatura ambiente Máx.  | +52°             |
| Presión máxima             | 8,6 bar          |
| Presión diferencial máxima | 1 bar            |

#### CABLEADO

|                |                                     |
|----------------|-------------------------------------|
| Azul           | Neutro                              |
| Marrón         | Fase                                |
| Verde/amarillo | Tierra                              |
| Gris           | Entrada final de car era (Auxiliar) |
| Naranja        | Salida final de car era (Auxiliar)  |

#### Dimensiones (mm)

|   |     |
|---|-----|
| A | 87  |
| B | 55  |
| C | 60  |
| D | 94  |
| E | 124 |



La salida A está normalmente cerrada cuando no hay alimentación

## COLECTORES SIMPLES

### Art. 1103

Single distribution manifold. Outlets for 1/2" air vent (art.707) and 1/2" drain cock (art.172). Female outlets. Interaxe: 50 mm.



| ART. | HEAD CONNECT. | OUTLETS | CODE       | PACKAGING  |  |
|------|---------------|---------|------------|-----------------------------------------------------------------------------------------------|--|
| 1103 | 1"            | 2       | 871103PG06 | 30                                                                                            |  |
| 1103 | 1"            | 3       | 871103PH06 | 20                                                                                            |  |
| 1103 | 1"            | 4       | 871103PJ06 | 20                                                                                            |  |
| 1103 | 1"            | 5       | 871103PQ06 | 10                                                                                            |  |
| 1103 | 1"            | 6       | 871103PK06 | 10                                                                                            |  |
| 1103 | 1"            | 7       | 871103PR06 | 10                                                                                            |  |
| 1103 | 1"            | 8       | 871103PL06 | 10                                                                                            |  |
| 1103 | 1"            | 9       | 871103PS06 | 10                                                                                            |  |
| 1103 | 1"            | 10      | 871103PM06 | 10                                                                                            |  |
| 1103 | 1"            | 11      | 871103PT06 | 5                                                                                             |  |
| 1103 | 1"            | 12      | 871103PU06 | 5                                                                                             |  |
| 1103 | 1"            | 13      | 871103PV06 | 5                                                                                             |  |
| 1103 | 1"            | 14      | 871103PW06 | 5                                                                                             |  |
| 1103 | 1"            | 15      | 871103PY06 | 5                                                                                             |  |

### Art. 1104 - Art. 1105

Single distribution manifold with pre-assembled fittings. Male outlets. Interaxe: 50 mm. Suitable for 3/4" Euroconus or M24x1,5 fittings.



| ART.      | HEAD CONNECT. | OUTLETS | CODE EUROCONUS | CODE M24X1,5 | PACKAGING  |  |
|-----------|---------------|---------|----------------|--------------|-------------------------------------------------------------------------------------------------|--|
| 1104/1105 | 1"            | 2       | 871104PG06     | 871105PG06   | 30                                                                                              |  |
| 1104/1105 | 1"            | 3       | 871104PH06     | 871105PH06   | 20                                                                                              |  |
| 1104/1105 | 1"            | 4       | 871104PJ06     | 871105PJ06   | 20                                                                                              |  |
| 1104/1105 | 1"            | 5       | 871104PQ06     | 871105PQ06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 6       | 871104PK06     | 871105PK06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 7       | 871104PR06     | 871105PR06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 8       | 871104PL06     | 871105PL06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 9       | 871104PS06     | 871105PS06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 10      | 871104PM06     | 871105PM06   | 10                                                                                              |  |
| 1104/1105 | 1"            | 11      | 871104PT06     | 871105PT06   | 5                                                                                               |  |
| 1104/1105 | 1"            | 12      | 871104PU06     | 871105PU06   | 5                                                                                               |  |
| 1104/1105 | 1"            | 13      | 871104PV06     | 871105PV06   | 5                                                                                               |  |
| 1104/1105 | 1"            | 14      | 871104PW06     | 871105PW06   | 5                                                                                               |  |
| 1104/1105 | 1"            | 15      | 871104PY06     | 871105PY06   | 5                                                                                               |  |

## COLECTORES SIMPLES

### Art. 1102

Single distribution manifold. 1/2" female side connections. Interaxe: 50 mm..



| ART. | HEAD CONNECT. | OUTLETS | SIDE CONNECT. THREAD | CODE       | PACKAGING  |  |
|------|---------------|---------|----------------------|------------|-----------------------------------------------------------------------------------------------|--|
| 1102 | 3/4           | 2       | 1/2                  | 871102PA05 | 40                                                                                            |  |
| 1102 | 3/4           | 3       | 1/2                  | 871102PB05 | 30                                                                                            |  |
| 1102 | 3/4           | 4       | 1/2                  | 871102PC05 | 30                                                                                            |  |
| 1102 | 3/4           | 5       | 1/2                  | 871102PN05 | 20                                                                                            |  |
| 1102 | 3/4           | 6       | 1/2                  | 871102PD05 | 20                                                                                            |  |
| 1102 | 3/4           | 7       | 1/2                  | 871102PO05 | 20                                                                                            |  |
| 1102 | 3/4           | 8       | 1/2                  | 871102PE05 | 20                                                                                            |  |
| 1102 | 3/4           | 9       | 1/2                  | 871102PP05 | 10                                                                                            |  |
| 1102 | 3/4           | 10      | 1/2                  | 871102PF05 | 10                                                                                            |  |
| 1102 | 1"            | 2       | 1/2                  | 871102PG05 | 30                                                                                            |  |
| 1102 | 1"            | 3       | 1/2                  | 871102PH05 | 20                                                                                            |  |
| 1102 | 1"            | 4       | 1/2                  | 871102PJ05 | 20                                                                                            |  |
| 1102 | 1"            | 5       | 1/2                  | 871102PQ05 | 20                                                                                            |  |
| 1102 | 1"            | 6       | 1/2                  | 871102PK05 | 20                                                                                            |  |
| 1102 | 1"            | 7       | 1/2                  | 871102PR05 | 20                                                                                            |  |
| 1102 | 1"            | 8       | 1/2                  | 871102PL05 | 20                                                                                            |  |
| 1102 | 1"            | 9       | 1/2                  | 871102PS05 | 10                                                                                            |  |
| 1102 | 1"            | 10      | 1/2                  | 871102PM05 | 10                                                                                            |  |
| 1102 | 1"            | 11      | 1/2                  | 871102PT05 | 10                                                                                            |  |
| 1102 | 1"            | 12      | 1/2                  | 871102PU05 | 10                                                                                            |  |
| 1102 | 1"            | 13      | 1/2                  | 871102PV05 | 10                                                                                            |  |
| 1102 | 1"            | 14      | 1/2                  | 871102PW05 | 10                                                                                            |  |
| 1102 | 1"            | 15      | 1/2                  | 871102PY05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 2       | 1/2                  | 871102DG05 | 30                                                                                            |  |
| 1102 | 1"1/4         | 3       | 1/2                  | 871102DH05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 4       | 1/2                  | 871102DJ05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 5       | 1/2                  | 871102DQ05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 6       | 1/2                  | 871102DK05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 7       | 1/2                  | 871102DR05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 8       | 1/2                  | 871102DL05 | 20                                                                                            |  |
| 1102 | 1"1/4         | 9       | 1/2                  | 871102DS05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 10      | 1/2                  | 871102DM05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 11      | 1/2                  | 871102DT05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 12      | 1/2                  | 871102DU05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 13      | 1/2                  | 871102DV05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 14      | 1/2                  | 871102DW05 | 10                                                                                            |  |
| 1102 | 1"1/4         | 15      | 1/2                  | 871102DY05 | 10                                                                                            |  |

### Art. 178

Insulators for 1" and 1"1/4 single bar manifolds. For manifolds 1" up to 12 outlets, for manifolds 1"1/4 up to 15 outlets. The insulators can be cut to insulate manifolds with a lower number of outlets. Suitable for distribution manifolds. Holes on one side with 50 mm interaxe.



| ART. | HEAD CONNECT. | CODE EUROCONUS | PACKAGING (PAIR)  |  |
|------|---------------|----------------|--------------------------------------------------------------------------------------------------------|--|
| 178  | 1"            | 87178AF66      | 1                                                                                                      |  |
| 178  | 1"1/4         | 87178AG66      | 1                                                                                                      |  |

## COLECTORES SIMPLES MODULARES

### Art. 222 - Art. 223 - Art. 186

Male/Female fit-together single manifold, 1/2", 24x1,5 and Euroconus side male outlets.  
Art.222 and 223, interaxe 37,5 mm - art. 186 interaxe 50 mm.



| ART. | HEAD CONNECT. | SIDE CONNECT. NR. | SIDE CONNECT. | CODE      | PACKAGING |  |  |
|------|---------------|-------------------|---------------|-----------|-----------|--|--|
| 222  | 3/4           | 2                 | 1/2           | 87222PA05 | 50        |  |  |
| 222  | 3/4           | 3                 | 1/2           | 87222PB05 | 50        |  |  |
| 222  | 3/4           | 4                 | 1/2           | 87222PC05 | 40        |  |  |
| 222  | 1"            | 2                 | 1/2           | 87222PG05 | 50        |  |  |
| 222  | 1"            | 3                 | 1/2           | 87222PH05 | 50        |  |  |
| 222  | 1"            | 4                 | 1/2           | 87222PJ05 | 40        |  |  |
| 222  | 3/4           | 2                 | 1/2           | 87222PA06 | 50        |  |  |
| 222  | 3/4           | 3                 | 1/2           | 87222PB06 | 50        |  |  |
| 222  | 3/4           | 4                 | 1/2           | 87222PC06 | 40        |  |  |
| 222  | 1"            | 2                 | 1/2           | 87222PG06 | 50        |  |  |
| 222  | 1"            | 3                 | 1/2           | 87222PH06 | 50        |  |  |
| 222  | 1"            | 4                 | 1/2           | 87222PJ06 | 40        |  |  |
| 223  | 3/4           | 2                 | 24x1,5        | 87223PA05 | 50        |  |  |
| 223  | 3/4           | 3                 | 24x1,5        | 87223PB05 | 50        |  |  |
| 223  | 3/4           | 4                 | 24x1,5        | 87223PC05 | 40        |  |  |
| 223  | 1"            | 2                 | 24x1,5        | 87223PG05 | 50        |  |  |
| 223  | 1"            | 3                 | 24x1,5        | 87223PH05 | 50        |  |  |
| 223  | 1"            | 4                 | 24x1,5        | 87223PJ05 | 40        |  |  |
| 223  | 3/4           | 2                 | 24x1,5        | 87223PA06 | 50        |  |  |
| 223  | 3/4           | 3                 | 24x1,5        | 87223PB06 | 50        |  |  |
| 223  | 3/4           | 4                 | 24x1,5        | 87223PC06 | 40        |  |  |
| 223  | 1"            | 2                 | 24x1,5        | 87223PG06 | 50        |  |  |
| 223  | 1"            | 3                 | 24x1,5        | 87223PH06 | 50        |  |  |
| 223  | 1"            | 4                 | 24x1,5        | 87223PJ06 | 40        |  |  |
| 186  | 3/4           | 2                 | 3/4           | 87186PA05 | 50        |  |  |
| 186  | 3/4           | 3                 | 3/4           | 87186PB05 | 50        |  |  |
| 186  | 3/4           | 4                 | 3/4           | 87186PC05 | 40        |  |  |
| 186  | 1"            | 2                 | 3/4           | 87186PG05 | 50        |  |  |
| 186  | 1"            | 3                 | 3/4           | 87186PH05 | 50        |  |  |
| 186  | 1"            | 4                 | 3/4           | 87186PJ05 | 40        |  |  |
| 186  | 3/4           | 2                 | 3/4           | 87186PA06 | 50        |  |  |
| 186  | 3/4           | 3                 | 3/4           | 87186PB06 | 50        |  |  |
| 186  | 3/4           | 4                 | 3/4           | 87186PC06 | 40        |  |  |
| 186  | 1"            | 2                 | 3/4           | 87186PG06 | 50        |  |  |
| 186  | 1"            | 3                 | 3/4           | 87186PH06 | 50        |  |  |

## COLECTORES SIMPLES MODULARES

### Art. 227 - Art. 228 - Art. 229

Fit-together single manifold with interception valves. 3/4" head connections with interaxe 37,5 mm. 1" head connections with interaxe 50 mm. 1/2" side outlets. It includes: hot/cold plates: one side red, the other side blue and double face plates with descriptions for sanitary and heating system in the following languages: Italian, Russian, English, Spanish, Greek, Hungarian.



| ART. | DESCRIPTION | HEAD CONNECT. | SIDE CONNECT. NR. | SIDE CONNECT. | CODE      | PACKAGING |  |
|------|-------------|---------------|-------------------|---------------|-----------|-----------|--|
| 227  | 3/4"x2 att. | 3/4           | 2                 | 1/2           | 87227PA06 | 50        |  |
| 227  | 3/4"x3 att. | 3/4           | 3                 | 1/2           | 87227PB06 | 25        |  |
| 227  | 3/4"x4 att. | 3/4           | 4                 | 1/2           | 87227PC06 | 25        |  |
| 227  | 1"x2 att.   | 1"            | 2                 | 1/2           | 87227PG06 | 25        |  |
| 227  | 1"x3 att.   | 1"            | 3                 | 1/2           | 87227PH06 | 25        |  |
| 228  | 3/4"x2 att. | 3/4           | 2                 | 24x1,5        | 87228PA06 | 50        |  |
| 228  | 3/4"x3 att. | 3/4           | 3                 | 24x1,5        | 87228PB06 | 25        |  |
| 228  | 3/4"x4 att. | 3/4           | 4                 | 24x1,5        | 87228PC06 | 25        |  |
| 228  | 1"x2 att.   | 1"            | 2                 | 24x1,5        | 87228PG06 | 25        |  |
| 228  | 1"x3 att.   | 1"            | 3                 | 24x1,5        | 87228PH06 | 25        |  |
| 229  | 1"x2 att.   | 1"            | 2                 | 3/4           | 87229PG06 | 25        |  |
| 229  | 1"x3 att.   | 1"            | 3                 | 3/4           | 87229PH06 | 25        |  |

## CAJAS PARA COLECTORES

### Art. 194

Plastic box for manifolds. With frame, bottom and supports to fix all ICMA manifolds. WITH SIDE REMOVABLE LOCKS.



| ART. | HEIGHT | WIDTH | DEPTH | CODE      | PACKAGING |  |
|------|--------|-------|-------|-----------|-----------|--|
| 194  | 30     | 25    | 9     | 871940020 | 5         |  |
| 194  | 40     | 25    | 9     | 871940H20 | 5         |  |
| 194  | 50     | 25    | 9     | 871940I20 | 5         |  |
| 194  | 60     | 30    | 9     | 871940L20 | 5         |  |

## ACCESORIOS PARA COLECTORES

### Art. 206

Thermometer with spring clip, 40 mm diameter.



| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 206  | 0-60  | 872060060 | 10        |  |
| 206  | 0-80  | 872060080 | 10        |  |
| 206  | 0-120 | 872060120 | 10        |  |

### Art. 287

Thermometer with spring clip, 60 mm diameter.



| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 287  | 0-120 | 872870120 | 10        |  |

### Art. 207

Cockpit for thermometer art. 206 and art. 287.



| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 207  | 3/8  | 87207AC05 | 100       |  |

## HERRAMIENTAS PARA MONTAJE DE VÁLVULAS Y COLECTORES

### Art. 113

Key for the external hexagon of the patent-pending tail art.940.



| ART. | CODE      | PACKAGING                                                                             |  |
|------|-----------|---------------------------------------------------------------------------------------|--|
| 113  | 871130006 |  1 |  |

### Art. 114

Screwdriver for lockshields.



| ART. | CODE      | PACKAGING                                                                               |  |
|------|-----------|-----------------------------------------------------------------------------------------|--|
| 114  | 871140006 |  1 |  |

### Art. 116

Wrench for fittings. One side Hexagon 24 for 1/2" fittings; the other side Hexagon 27 for 24x1,5 fittings.



| ART. | CODE      | PACKAGING                                                                               |  |
|------|-----------|-----------------------------------------------------------------------------------------|--|
| 116  | 871160006 |  1 |  |

### Art. 117

Wrench for fittings. One side Hexagon 27 for 24x1,5 fittings; the other side Hexagon 30 for EUROCONUS fittings.



| ART. | CODE      | PACKAGING                                                                               |  |
|------|-----------|-----------------------------------------------------------------------------------------|--|
| 117  | 871170006 |  1 |  |

# VÁLVULAS DE EQUILIBRADO HIDRÁULICO



**VÁLVULAS DE EQUILIBRADO Y MANGUITOS DE TOMAS DE PRESIÓN**

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**MEZCLADORES TERMOSTÁTICOS, VALVULAS DESVIADORAS**

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## VÁLVULAS DE EQUILIBRADO Y MANGUITOS DE TOMAS DE PRESIÓN



### Art. C298

Calibration and balancing valve for heating, cooling and sanitary systems. Equipped with a calibration display and antitampering setting lock. When the value of the valve is set, it can be opened or closed, but not at a higher kv value than the one set. PN20, max. working temperature 120°C, EPDM gaskets, brass body. 1" M e 1" F connections (revolving nut).

| ART. | SIZE      | DN | KVS  | CODE       | PACKAGING                                                                             |  |
|------|-----------|----|------|------------|---------------------------------------------------------------------------------------|--|
| C298 | 1" M-1" F | 20 | 5,10 | 92C298AE05 |  1 |  |



### Art. C299

Calibration and balancing valve for heating, cooling and sanitary systems. Equipped with a calibration display and antitampering setting lock. When the value of the valve is set, it can be opened or closed, but not at a higher kv value than the one set. PN20, max. working temperature 120°C, EPDM gaskets, brass body.

| ART. | SIZE  | DN | KVS   | CODE       | PACKAGING                                                                               |  |
|------|-------|----|-------|------------|-----------------------------------------------------------------------------------------|--|
| C299 | 1/2"  | 15 | 3,55  | 92C299AD05 |  1 |  |
| C299 | 3/4"  | 20 | 5,10  | 92C299AE05 | 1                                                                                       |  |
| C299 | 1"    | 25 | 8,80  | 92C299AF05 | 1                                                                                       |  |
| C299 | 1"1/4 | 32 | 14,10 | 92C299AG05 | 1                                                                                       |  |
| C299 | 1"1/2 | 40 | 19,50 | 92C299AH05 | 1                                                                                       |  |
| C299 | 2"    | 50 | 31,50 | 92C299AJ05 | 1                                                                                       |  |



### Art. C300

Calibration and balancing valve with threaded connections and self-sealing measuring sockets for heating, cooling and sanitary systems. Equipped with a calibration display and antitampering setting lock. When the value of the valve is set, it can be opened or closed, but not at a higher kv value than the one set. PN20, max. working temperature 120°C, EPDM gaskets, brass body.

| ART. | SIZE  | DN | KVS   | CODE       | PACKAGING                                                                               |  |
|------|-------|----|-------|------------|-----------------------------------------------------------------------------------------|--|
| C300 | 1/2"  | 15 | 3,55  | 92C300AD05 |  1 |  |
| C300 | 3/4"  | 20 | 5,10  | 92C300AE05 | 1                                                                                       |  |
| C300 | 1"    | 25 | 8,80  | 92C300AF05 | 1                                                                                       |  |
| C300 | 1"1/4 | 32 | 14,10 | 92C300AG05 | 1                                                                                       |  |
| C300 | 1"1/2 | 40 | 19,50 | 92C300AH05 | 1                                                                                       |  |
| C300 | 2"    | 50 | 31,50 | 92C300AJ05 | 1                                                                                       |  |



## VÁLVULAS DE EQUILIBRADO Y MANGUITOS DE TOMAS DE PRESIÓN



### Art. C301

Calibration and balancing valve with flanged connections and self-sealing measuring sockets for heating, cooling and sanitary systems. Flanged body in cast iron. Equipped with a calibration display and antitampering setting lock. When the value of the valve is set, it can be opened or closed, but not at a higher kv value than the one set. PN16, max. working temperature 120°C, EPDM gaskets.

| ART. |  | DN  | KVS    | CODE       | PACKAGING<br> |  |
|------|--|-----|--------|------------|--------------------------------------------------------------------------------------------------|--|
| C301 |  | 65  | 93,50  | 92C301AK05 | 1                                                                                                |  |
| C301 |  | 80  | 110,00 | 92C301AL05 | 1                                                                                                |  |
| C301 |  | 100 | 190,00 | 92C301AN05 | 1                                                                                                |  |
| C301 |  | 125 | 301,00 | 92C301AP05 | 1                                                                                                |  |
| C301 |  | 150 | 425,00 | 92C301AR05 | 1                                                                                                |  |

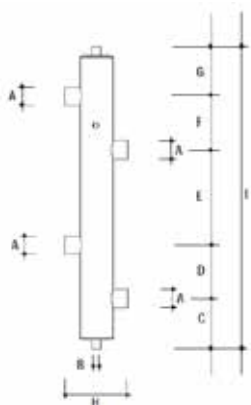


### Art. C302

Calibration and balancing valve with flanged connections and self-sealing measuring sockets for heating, cooling and sanitary systems. Flanged body in cast iron. PN16, max. working temperature 120°C, teflon and EPDM gaskets.

| ART. |  | DN  | KVS  | CODE       | PACKAGING<br> |  |
|------|--|-----|------|------------|----------------------------------------------------------------------------------------------------|--|
| C302 |  | 200 | 600  | 92C302AS05 | 1                                                                                                  |  |
| C302 |  | 250 | 1210 | 92C302AT05 | 1                                                                                                  |  |
| C302 |  | 300 | 1521 | 92C302AU05 | 1                                                                                                  |  |

# VÁLVULAS DE EQUILIBRADO Y MANGUITOS DE TOMAS DE PRESIÓN

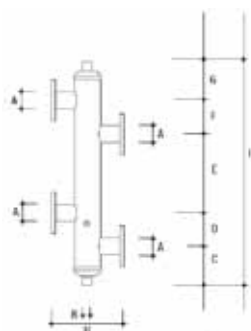


## Art. C303

Hydraulic separator for heating systems. It is used to keep the primary and the secondary hydraulic circuits separated, allowing them to operate autonomously. Threaded female connections. Max.working pressure 10 bar, max. working temperature 100°C.

| ART. | SIZE  | CODE       | PACKAGING |  |
|------|-------|------------|-----------|--|
| C303 | 1"    | 92C303AF06 | 1         |  |
| C303 | 1"1/4 | 92C303AG06 | 1         |  |
| C303 | 1"1/2 | 92C303AH06 | 1         |  |
| C303 | 2"    | 92C303AJ06 | 1         |  |

| ART. | A     | B    | C   | D   | E   | F   | G   | H   | I   |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|
| C303 | 1"    | 3/8" | 127 | 150 | 150 | 150 | 127 | 135 | 704 |
| C303 | 1"1/4 | 3/8" | 127 | 150 | 250 | 150 | 127 | 175 | 804 |
| C303 | 1"1/2 | 3/8" | 127 | 150 | 250 | 150 | 127 | 175 | 804 |
| C303 | 2"    | 3/8" | 127 | 150 | 350 | 150 | 127 | 201 | 904 |



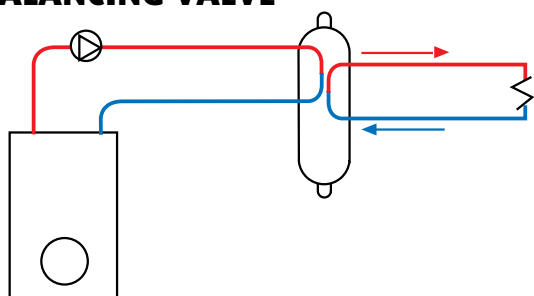
## Art. C304

Hydraulic separator for heating systems. It is used to keep the primary and the secondary hydraulic circuits separated, allowing them to operate autonomously. Flanged connections. Max.working pressure 10 bar, max.working temperature 100°C.

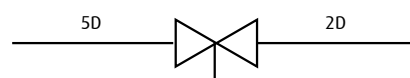
| ART. | DN  | CODE       | PACKAGING |  |
|------|-----|------------|-----------|--|
| C304 | 50  | 92C304AJ06 | 1         |  |
| C304 | 65  | 92C304AK06 | 1         |  |
| C304 | 80  | 92C304AL06 | 1         |  |
| C304 | 100 | 92C304AN06 | 1         |  |
| C304 | 125 | 92C304AP06 | 1         |  |
| C304 | 150 | 92C304AR06 | 1         |  |
| C304 | 200 | 92C304AS06 | 1         |  |
| C304 | 250 | 92C304AT06 | 1         |  |

| ART. | A     | B    | C   | D   | E   | F   | G   | H     | I    |
|------|-------|------|-----|-----|-----|-----|-----|-------|------|
| C304 | DN50  | 1/2" | 163 | 150 | 350 | 150 | 172 | 314   | 985  |
| C304 | DN65  | 1/2" | 163 | 150 | 350 | 150 | 172 | 314   | 985  |
| C304 | DN80  | 1/2" | 222 | 200 | 300 | 200 | 231 | 340   | 1153 |
| C304 | DN100 | 1/2" | 237 | 200 | 300 | 200 | 246 | 368   | 1183 |
| C304 | DN125 | 1"   | 303 | 300 | 600 | 300 | 303 | 623,9 | 1806 |
| C304 | DN150 | 1"   | 350 | 300 | 600 | 300 | 350 | 655,6 | 1900 |
| C304 | DN200 | 1"   | 448 | 350 | 650 | 350 | 398 | 706   | 2196 |
| C304 | DN250 | 1"   | 465 | 450 | 650 | 450 | 465 | 808   | 2480 |

## HYDRAULIC SEPARATOR / BALANCING VALVE

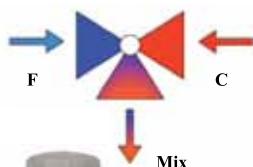


## ESQUEMA DE INSTALACION



For a correct installation of the balancing valve, leave a draft of pipe of length equal to 5 times the nominal diameter upstream the valve, equal to twice downstream. Such drafts must be linear, without curves or diameter changes to avoid turbulences which can compromise the regulations.

## MEZCLADORES TERMOSTÁTICOS, VALVULAS DESVIADORAS

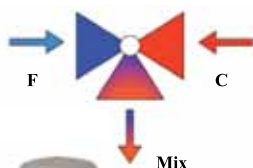


### Art. 148

Thermostatic mixer, with tails on the three ways. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Side hot/cold water inlets, **lower mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 148  | 1/2" | 1,5                  | 90148AD05 | 1         |  |
| 148  | 3/4" | 2                    | 90148AE05 | 1         |  |
| 148  | 1"   | 3                    | 90148AF05 | 1         |  |

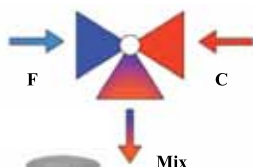


### Art. 149

Thermostatic mixer with female connections. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Side hot/cold water inlets, **lower mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 149  | 1/2" | 1,5                  | 90149AD05 | 1         |  |
| 149  | 3/4" | 2                    | 90149AE05 | 1         |  |
| 149  | 1"   | 3                    | 90149AF05 | 1         |  |

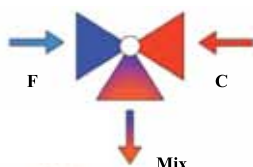


### Art. 165

Thermostatic mixer with tails on the three ways, **check valve on hot/cold ways**. Max. working pressure 10 bars, max. working temperature 85°C. Temperature setting on mixed way 30-65°C. Side hot/cold water inlets, **lower mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |    |
|------|------|----------------------|-----------|-----------|----|
| 165  | 3/4" | 2                    | 90165AE05 | 1         | 10 |



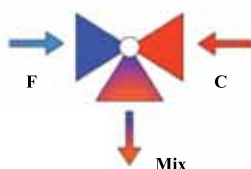
### Art. 166

Thermostatic mixer with male connections. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Side hot/cold water inlets, **lower mixed way**.



| ART. | SIZE   | Kv m <sup>3</sup> /h | CODE      | PACKAGING |    |
|------|--------|----------------------|-----------|-----------|----|
| 166  | 1"     | 2                    | 90166AE05 | 1         | 10 |
| 166  | 1 1/4" | 3                    | 90166AF05 | 1         | 10 |

## MEZCLADORES TERMOSTÁTICOS, VALVULAS DESVIADORAS

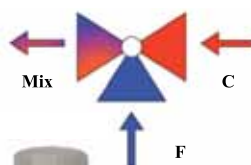


### Art. 163

Thermostatic mixer for 22 mm diam. copper piping with fittings on the three ways. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Side hot/cold water inlets, **lower mixed way**.



| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 163  | 22 mm | 90163BJ05 | 1         |  |

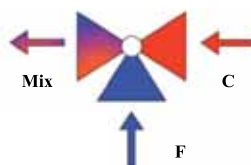


### Art. 142

Thermostatic mixer, with tails on the three ways. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Hot water side inlet, cold water lower inlet, **side mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 142  | 1/2" | 1,5                  | 90142AD05 | 1         |  |
| 142  | 3/4" | 2                    | 90142AE05 | 1         |  |

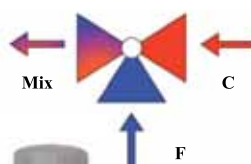


### Art. 143

Thermostatic mixer with female connections. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Hot water side inlet, cold water lower inlet, **side mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 143  | 1/2" | 1,5                  | 90143AD05 | 1         |  |
| 143  | 3/4" | 2                    | 90143AE05 | 1         |  |



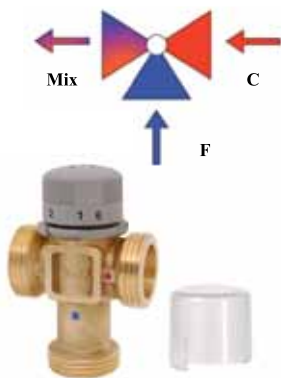
### Art. 144

Thermostatic mixer, with tails on the three ways, **check valves on hot/cold water ways**. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Hot water side inlet, cold water lower inlet, **side mixed way**.



| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 144  | 3/4" | 2                    | 90144AE05 | 1         |  |

MEZCLADORES TERMOSTÁTICOS, VALVULAS DESVIADORAS



**Art. 145**  
Thermostatic mixer with male connections. Max. working pressure 10 bars, max. working temperature 85°C, temperature setting on mixed way 30-65°C. Hot water side inlet, cold water lower inlet, **side mixed way**.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 145  | 1"   | 2                    | 90145AF05 | 1         |  |



**Art. S119**  
Shock absorber, connection 1/2", in stainless steel, capacity 0-16 l.

| ART. | SIZE | CODE       | PACKAGING |  |
|------|------|------------|-----------|--|
| S119 | 1/2" | 91S119AD06 | 1         |  |

# REDUCTORES DE PRESIÓN Y RACORES UNIVERSALES



**REDUCTORAS DE PRESIÓN**



**FILTROS, VÁLVULAS ANTI RETORNO Y SEPARADORES DE LODOS**



**RACORES UNIVERSALES PARA MULTICAPA, PEX Y COBRE**

## REDUCTORAS DE PRESIÓN PARA AGUA



We suggest to install the pressure reducer with our art.50, at page 120

### Art. 245

Pressure reducer with female tail connections. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max.inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. The product complies the EN1567 standard.

| ART. | SIZE   | CODE      | PACKAGING |    |  |
|------|--------|-----------|-----------|----|--|
|      |        |           |           |    |  |
| 245  | 1/2"   | 91245AD05 | 1         | 20 |  |
| 245  | 3/4"   | 91245AE05 | 1         | 10 |  |
| 245  | 1"     | 91245AF05 | 1         | 10 |  |
| 245  | 1" 1/4 | 91245AG05 | 1         | 5  |  |
| 245  | 1" 1/2 | 91245AH05 | 1         | 5  |  |
| 245  | 2"     | 91245AJ05 | 1         | 1  |  |



We suggest to install the pressure reducer with our art.50, at page 120

### Art. 245 + Art. 243

Pressure reducer with female tail connections. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max.inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. With pressure gauge. The product complies the EN1567 standard.

| ART.    | SIZE   | CODE          | PACKAGING |    |  |
|---------|--------|---------------|-----------|----|--|
|         |        |               |           |    |  |
| 245+243 | 1/2"   | 91245AD05 243 | 1         | 20 |  |
| 245+243 | 3/4"   | 91245AE05 243 | 1         | 10 |  |
| 245+243 | 1"     | 91245AF05 243 | 1         | 10 |  |
| 245+243 | 1" 1/4 | 91245AG05 243 | 1         | 5  |  |
| 245+243 | 1" 1/2 | 91245AH05 243 | 1         | 5  |  |
| 245+243 | 2"     | 91245AJ05 243 | 1         | 1  |  |



We suggest to install the pressure reducer with our art.50, at page 120

### Art. 246

Female pressure reducer. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max. inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. The product complies the EN1567 standard.

| ART. | SIZE  | CODE      | PACKAGING |    |  |
|------|-------|-----------|-----------|----|--|
|      |       |           |           |    |  |
| 246  | 1/2"  | 91246AD05 | 1         | 20 |  |
| 246  | 3/4"  | 91246AE05 | 1         | 10 |  |
| 246  | 1"    | 91246AF05 | 1         | 10 |  |
| 246  | 1"1/4 | 91246AG05 | 1         | 5  |  |
| 246  | 1"1/2 | 91246AH05 | 1         | 5  |  |
| 246  | 2"    | 91246AJ05 | 1         | 1  |  |
| 246  | 2"1/2 | 91246AK05 | 1         | 1  |  |



We suggest to install the pressure reducer with our art.50, at page 120

### Art. 246 + Art. 243

Female pressure reducer. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max. inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. With pressure gauge. The product complies the EN1567 standard.

| ART.    | SIZE  | CODE          | PACKAGING |    |  |
|---------|-------|---------------|-----------|----|--|
|         |       |               |           |    |  |
| 246+243 | 1/2"  | 91246AD05 243 | 1         | 20 |  |
| 246+243 | 3/4"  | 91246AE05 243 | 1         | 10 |  |
| 246+243 | 1"    | 91246AF05 243 | 1         | 10 |  |
| 246+243 | 1"1/4 | 91246AG05 243 | 1         | 5  |  |
| 246+243 | 1"1/2 | 91246AH05 243 | 1         | 5  |  |
| 246+243 | 2"    | 91246AJ05 243 | 1         | 1  |  |
| 246+243 | 2"1/2 | 91246AK05 243 | 1         | 1  |  |

## REDUCTORAS DE PRESIÓN PARA AGUA



### Art. 271

Pressure reducer with male tail connections. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max. inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. The product complies the EN1567 standard.



We suggest to install the pressure reducer with our art.50, at page 120

| ART. | SIZE   | CODE      | PACKAGING |    |
|------|--------|-----------|-----------|----|
|      |        |           |           |    |
| 271  | 1/2"   | 91271AD05 | 1         | 20 |
| 271  | 3/4"   | 91271AE05 | 1         | 10 |
| 271  | 1"     | 91271AF05 | 1         | 10 |
| 271  | 1" 1/4 | 91271AG05 | 1         | 5  |



### Art. 271 + Art. 243

Pressure reducer with male tail connections. Two 1/4" connections for manometers. Piston technology, 18/10 inox steel. Max. inlet pressure 25 bar, adjustable outlet pressure from 1 bar to 6 bar (company setting 3 bar), max. working temperature 90°C. With pressure gauge. The product complies the EN1567 standard.



We suggest to install the pressure reducer with our art.50, at page 120

| ART.    | SIZE   | CODE          | PACKAGING |    |
|---------|--------|---------------|-----------|----|
|         |        |               |           |    |
| 271+243 | 1/2"   | 91271AD05 243 | 1         | 20 |
| 271+243 | 3/4"   | 91271AE05 243 | 1         | 10 |
| 271+243 | 1"     | 91271AF05 243 | 1         | 10 |
| 271+243 | 1" 1/4 | 91271AG05 243 | 1         | 5  |



### Art. 247

Female pressure reducer. 1/4" connection for manometer. Piston technology, max. inlet pressure 16 bar, adjustable outlet pressure from 1 bar to 4 bar (company setting 3 bar), max. working temperature 90°C.



We suggest to install the pressure reducer with our art.50, at page 120

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 247  | 1/2" | 91247AD06 | 1         | 50 |
| 247  | 3/4" | 91247AE06 | 1         | 50 |



### Art. 248

Female pressure reducer. Piston technology, max. inlet pressure 16 bar, adjustable outlet pressure from 1 bar to 4 bar (company setting 3 bar), max. working temperature 90°C.



We suggest to install the pressure reducer with our art.50, at page 120

| ART. | SIZE | CODE      | PACKAGING |    |
|------|------|-----------|-----------|----|
|      |      |           |           |    |
| 248  | 1/2" | 91248AD06 | 1         | 50 |
| 248  | 3/4" | 91248AE06 | 1         | 50 |



## FILTROS, VÁLVULAS ANTI RETORNO Y SEPARADORES DE LODOS



### Art. 750

Self-cleaning, female/female and male/male water filter, with extractable, filtering cartridge in stainless steel, pressure gauge and drain cock, with rubber connection. Filtering degree 100 µ. Max. working pressure 25 bars, Max. working temperature 90°C. The connections bear female/male thread on both sides, up to 1 1/4 female. The sizes 1 1/2 and 2" are available with female thread only. Replacement filtering cartridge art.752.

| ART. | FEMALE SIZE | MALE SIZE | CODE      | PACKAGING |    |
|------|-------------|-----------|-----------|-----------|----|
|      |             |           |           |           |    |
| 750  | 1/2"        | 3/4"      | 83750AD05 | 1         | 10 |
| 750  | 3/4"        | 1"        | 83750AE05 | 1         | 10 |
| 750  | 1"          | 1 1/4"    | 83750AF05 | 1         | 10 |
| 750  | 1 1/4"      | 1 1/2"    | 83750AG05 | 1         | 10 |
| 750  | 1 1/2"      | -         | 83750AH05 | 1         | 5  |
| 750  | 2"          | -         | 83750AJ05 | 1         | 5  |



### Art. 751

Self-cleaning water filter with male unions. Extractable and filtering cartridge in stainless steel, pressure gauge and drain cock with rubber connection. Filtering degree 100 µ. Max. working pressure 25 bars. Max. working temperature 90°C. Replacement filtering cartridge art.752.

| ART. | SIZE   | CODE      | PACKAGING |    |
|------|--------|-----------|-----------|----|
|      |        |           |           |    |
| 751  | 1/2"   | 83751AD05 | 1         | 10 |
| 751  | 3/4"   | 83751AE05 | 1         | 10 |
| 751  | 1"     | 83751AF05 | 1         | 10 |
| 751  | 1 1/4" | 83751AG05 | 1         | 10 |



### Art. 752

Cartridge for filter art. 750 and art. 751.

| ART. | SIZE        | CODE      | PACKAGING |  |
|------|-------------|-----------|-----------|--|
|      |             |           |           |  |
| 752  | 1/2" - 3/4" | 83752AD01 | 1         |  |
| 752  | 1" - 1 1/4" | 83752AF01 | 1         |  |
| 752  | 1 1/2" - 2" | 83752AH01 | 1         |  |



### Art. 745

F/F dirt separator for heating/cooling systems, equipped with ball drain cock and rubber holder. Max. working pressure 10 bars, max. working temperature 110°C, stainless steel mesh.

| ART. | SIZE   | CODE      | PACKAGING |    |
|------|--------|-----------|-----------|----|
|      |        |           |           |    |
| 745  | 3/4"   | 82745AE05 | 1         | 10 |
| 745  | 1"     | 82745AF05 | 1         | 10 |
| 745  | 1 1/4" | 82745AG05 | 1         | 10 |
| 745  | 1 1/2" | 82745AH05 | 1         | 10 |



NEW



### Art. 746

F-F dirt separator for heating and cooling systems provided with a removable magnetic cartridge to collect ferrous impurities and a drain cock with hose. Max. working pressure 10 bars, Max. working temperature 110°C, stainless steel mesh. Magnetic field strength of 10.500 Gauss.

| ART. | SIZE   | CODE      | PACKAGING |    |
|------|--------|-----------|-----------|----|
|      |        |           |           |    |
| 746  | 3/4"   | 82746AE05 | 1         | 10 |
| 746  | 1"     | 82746AF05 | 1         | 10 |
| 746  | 1 1/4" | 82746AG05 | 1         | 10 |
| 746  | 1 1/2" | 82746AH05 | 1         | 10 |



### Art. 744

Magnetic candle for dirt separator art. 746. It can also be installed on the dirt separator art. 745 to be converted into a magnetic one. Magnetic field strength of 10.500 Gauss.

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 744  | 1/2" | 82744AD05 | 1         |  |

### Art. 50

Y strainer to hold impurity. Filter degree 400-500 micron. On demand: 200 µ.



| ART. | SIZE   | FILTER DEGREE | CODE         | PACKAGING |     |
|------|--------|---------------|--------------|-----------|-----|
| 50   | 1/4"   | 200 µ         | 83050AB05200 | 20        | 200 |
| 50   | 3/8"   | 200 µ         | 83050AC05200 | 20        | 200 |
| 50   | 1/2"   | 200 µ         | 83050AD05200 | 20        | 200 |
| 50   | 3/4"   | 200 µ         | 83050AE05200 | 20        | 140 |
| 50   | 1"     | 200 µ         | 83050AF05200 | 10        | 70  |
| 50   | 1/4"   | 400 µ         | 83050AB05    | 20        | 200 |
| 50   | 3/8"   | 400 µ         | 83050AC05    | 20        | 200 |
| 50   | 1/2"   | 400 µ         | 83050AD05    | 20        | 200 |
| 50   | 3/4"   | 400 µ         | 83050AE05    | 20        | 140 |
| 50   | 1"     | 400 µ         | 83050AF05    | 10        | 70  |
| 50   | 1" 1/4 | 500 µ         | 83050AG05    | 10        | 50  |
| 50   | 1"1/2  | 500 µ         | 83050AH05    | 5         | 30  |
| 50   | 2"     | 500 µ         | 83050AJ05    | 2         | 20  |
| 50   | 2" 1/2 | 500 µ         | 83050AK05    | 1         | 15  |
| 50   | 3"     | 500 µ         | 83050AL05    | 1         | 10  |
| 50   | 4"     | 500 µ         | 83050AN05    | 1         | 1   |

### Art. 53

Non return valve, Brass  
"MONDIAL". shutter.



| ART. | SIZE  | CODE      | PACKAGING |     |
|------|-------|-----------|-----------|-----|
| 53   | 1/2"  | 83053AD05 | 1         | 250 |
| 53   | 3/4"  | 83053AE05 | 1         | 120 |
| 53   | 1"    | 83053AF05 | 1         | 80  |
| 53   | 1"1/4 | 83053AG05 | 1         | 70  |
| 53   | 1"1/2 | 83053AH05 | 1         | 50  |
| 53   | 2"    | 83053AJ05 | 1         | 25  |
| 53   | 2"1/2 | 83053AK05 | 1         | 18  |
| 53   | 3"    | 83053AL05 | 1         | 14  |
| 53   | 4"    | 83053AN05 | 1         | 8   |

## RACORES UNIVERSALES PARA MULTICAPA, PEX Y COBRE

### Art. 500

Double straight fitting.



| ART. | SIZE   | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|--------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 500  | 1/2"   | 1/2"                 | 81500AD06 | 10                                                                                               |  |
| 500  | 24x1,5 | 24x1,5               | 81500RA06 | 10                                                                                               |  |
| 500  | 1"     | 1"                   | 81500AF06 | 10                                                                                               |  |

### Art. 501

Male straight fitting.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 501  | 3/8" M-1/2"   | 1/2"                 | 81501LA06 | 10                                                                                               |  |
| 501  | 1/2" M-1/2"   | 1/2"                 | 81501AD06 | 10                                                                                               |  |
| 501  | 3/4" M-1/2"   | 1/2"                 | 81501LC06 | 10                                                                                               |  |
| 501  | 3/8" M-24x1,5 | 24x1,5               | 81501RC06 | 10                                                                                               |  |
| 501  | 1/2" M-24x1,5 | 24x1,5               | 81501RD06 | 10                                                                                               |  |
| 501  | 3/4" M-24x1,5 | 24x1,5               | 81501RE06 | 10                                                                                               |  |
| 501  | 1" M-24x1,5   | 24x1,5               | 81501RF06 | 10                                                                                               |  |
| 501  | 3/4" M-1"     | 1"                   | 81501LE06 | 10                                                                                               |  |
| 501  | 1" M-1"       | 1"                   | 81501AF06 | 10                                                                                               |  |

### Art. 502

Female straight fitting.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 502  | 3/8" F-1/2"   | 1/2"                 | 81502LA06 | 10                                                                                                 |  |
| 502  | 1/2" F-1/2"   | 1/2"                 | 81502AD06 | 10                                                                                                 |  |
| 502  | 3/4" F-1/2"   | 1/2"                 | 81502LC06 | 10                                                                                                 |  |
| 502  | 3/8" F-24x1,5 | 24x1,5               | 81502RC06 | 10                                                                                                 |  |
| 502  | 1/2" F-24x1,5 | 24x1,5               | 81502RD06 | 10                                                                                                 |  |
| 502  | 3/4" F-24x1,5 | 24x1,5               | 81502RE06 | 10                                                                                                 |  |
| 502  | 1" F-24x1,5   | 24x1,5               | 81502RF06 | 10                                                                                                 |  |
| 502  | 3/4" F-1"     | 1"                   | 81502LE06 | 10                                                                                                 |  |
| 502  | 1" F-1"       | 1"                   | 81502AF06 | 10                                                                                                 |  |

### Art. 503

Double elbow.



| ART. | SIZE   | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|--------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 503  | 1/2"   | 1/2"                 | 81503AD06 | 10                                                                                                 |  |
| 503  | 24x1,5 | 24x1,5               | 81503RA06 | 10                                                                                                 |  |

### Art. 504

Male elbow.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 504  | 3/8" M-1/2"   | 1/2"                 | 81504LA06 | 10                                                                                                 |  |
| 504  | 1/2" M-1/2"   | 1/2"                 | 81504AD06 | 10                                                                                                 |  |
| 504  | 3/4" M-1/2"   | 1/2"                 | 81504LC06 | 10                                                                                                 |  |
| 504  | 3/8" M-24x1,5 | 24x1,5               | 81504RC06 | 10                                                                                                 |  |
| 504  | 1/2" M-24x1,5 | 24x1,5               | 81504RD06 | 10                                                                                                 |  |
| 504  | 3/4" M-24x1,5 | 24x1,5               | 81504RE06 | 10                                                                                                 |  |

**Art. 505**  
Female elbow.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 505  | 3/8" F-1/2"   | 1/2"                 | 81505LA06 | 10                                                                                               |  |
| 505  | 1/2" F-1/2"   | 1/2"                 | 81505AD06 | 10                                                                                               |  |
| 505  | 3/8" F-24x1,5 | 24x1,5               | 81505RC06 | 10                                                                                               |  |
| 505  | 1/2" F-24x1,5 | 24x1,5               | 81505RD06 | 10                                                                                               |  |
| 505  | 3/4" F-24x1,5 | 24x1,5               | 81505RE06 | 10                                                                                               |  |

**Art. 506**  
TEE fitting.



| ART. | SIZE   | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|--------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 506  | 1/2"   | 1/2"                 | 81506AD06 | 10                                                                                                 |  |
| 506  | 24x1,5 | 24x1,5               | 81506RA06 | 10                                                                                                 |  |

**Art. 507**  
Male TEE fitting.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 507  | 3/8" M-1/2"   | 1/2"                 | 81507LA06 | 10                                                                                                 |  |
| 507  | 1/2" M-1/2"   | 1/2"                 | 81507AD06 | 10                                                                                                 |  |
| 507  | 3/4" M-1/2"   | 1/2"                 | 81507LC06 | 10                                                                                                 |  |
| 507  | 3/8" M-24x1,5 | 24x1,5               | 81507RC06 | 10                                                                                                 |  |
| 507  | 1/2" M-24x1,5 | 24x1,5               | 81507RD06 | 10                                                                                                 |  |
| 507  | 3/4" M-24x1,5 | 24x1,5               | 81507RE06 | 10                                                                                                 |  |

**Art. 508**  
Female TEE fitting.



| ART. | SIZE          | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|---------------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 508  | 3/8" F-1/2"   | 1/2"                 | 81508LA06 | 10                                                                                                 |  |
| 508  | 1/2" F-1/2"   | 1/2"                 | 81508AD06 | 10                                                                                                 |  |
| 508  | 3/8" F-24x1,5 | 24x1,5               | 81508RC06 | 10                                                                                                 |  |
| 508  | 1/2" F-24x1,5 | 24x1,5               | 81508RD06 | 10                                                                                                 |  |
| 508  | 3/4" F-24x1,5 | 24x1,5               | 81508RE06 | 10                                                                                                 |  |

**Art. 509**  
Cross.



| ART. | SIZE   | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|--------|----------------------|-----------|--------------------------------------------------------------------------------------------------|--|
| 509  | 1/2"   | 1/2"                 | 81509AD06 | 10                                                                                               |  |
| 509  | 24x1,5 | 24x1,5               | 81509RA06 | 10                                                                                               |  |

**Art. 510**  
Flanged elbow.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 510  | 1/2" | 1/2"                 | 81510AD06 | 10                                                                                                 |  |
| 510  | 1/2" | 24x1,5               | 81510RD06 | 10                                                                                                 |  |

**Art. 511**  
105° elbow.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 511  | 1/2" | 1/2"                 | 81511AD06 | 10                                                                                                 |  |
| 511  | 1/2" | 24x1,5               | 81511RD06 | 10                                                                                                 |  |

**Art. 513**  
100° extended elbow.



| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING<br> |  |
|------|------|----------------------|-----------|----------------------------------------------------------------------------------------------------|--|
| 513  | 1/2" | 1/2"                 | 81513AD06 | 10                                                                                                 |  |

# VÁLVULAS DE SEGURIDAD, DESAIREADORES, PURGADORES Y MANÓMETROS



**VÁLVULAS DE SEGURIDAD**



**DESAIREADORES Y PURGADORES**



**VALVULAS DE LLENADO AUTOMATICO**



**VÁLVULAS DE ESCAPE TÉRMICO**



**REGULADORES DE TIRO**



**FLOW AND PRESSURE SWITCHES, THERMOSTATS, INAIL INSTRUMENTS UNIT**



**MANÓMETROS Y TERMÓMETROS**

## VÁLVULAS DE SEGURIDAD



### Art. 241

Female membrane safety valve. Calibration pressure to be specified. PN 10, max.working temperature 110°C, opening overpressure 20%, closing pressure 20%.

The product complies the Ped. 2014/68/UE norm - categoria IV D.M.1.12.75, D.Lgs.25.02.2000. CE n. 0425 approval.

| ART. | SIZE | ATM. | CODE      | PACKAGING |    |  |
|------|------|------|-----------|-----------|----|--|
|      |      |      |           |           |    |  |
| 241  | 1/2" | 1,5  | 91241ADAC | 1         | 50 |  |
| 241  | 1/2" | 1,8  | 91241ADBC | 1         | 50 |  |
| 241  | 1/2" | 2    | 91241ADAD | 1         | 50 |  |
| 241  | 1/2" | 2,5  | 91241ADAE | 1         | 50 |  |
| 241  | 1/2" | 3    | 91241ADAF | 1         | 50 |  |
| 241  | 1/2" | 3,5  | 91241ADAG | 1         | 50 |  |
| 241  | 1/2" | 4    | 91241ADAH | 1         | 50 |  |
| 241  | 1/2" | 5    | 91241ADAL | 1         | 50 |  |
| 241  | 1/2" | 6    | 91241ADAN | 1         | 50 |  |
| 241  | 1/2" | 7    | 91241ADAP | 1         | 50 |  |
| 241  | 1/2" | 8    | 91241ADAQ | 1         | 50 |  |
| 241  | 1/2" | 9    | 91241ADAR | 1         | 50 |  |
| 241  | 1/2" | 10   | 91241ADAS | 1         | 50 |  |
| 241  | 3/4" | 1,5  | 91241AEAC | 1         | 50 |  |
| 241  | 3/4" | 1,8  | 91241AEBC | 1         | 50 |  |
| 241  | 3/4" | 2    | 91241AEAD | 1         | 50 |  |
| 241  | 3/4" | 2,5  | 91241AEAE | 1         | 50 |  |
| 241  | 3/4" | 3    | 91241AEAF | 1         | 50 |  |
| 241  | 3/4" | 3,5  | 91241AEAG | 1         | 50 |  |
| 241  | 3/4" | 4    | 91241AEAH | 1         | 50 |  |
| 241  | 3/4" | 5    | 91241AEAL | 1         | 50 |  |
| 241  | 3/4" | 6    | 91241AEAN | 1         | 50 |  |
| 241  | 3/4" | 7    | 91241AEAP | 1         | 50 |  |
| 241  | 3/4" | 8    | 91241AEAQ | 1         | 50 |  |
| 241  | 3/4" | 9    | 91241AEAR | 1         | 50 |  |
| 241  | 3/4" | 10   | 91241AEAS | 1         | 50 |  |
| 241  | 1"   | 1,5  | 91241AFAC | 1         | 50 |  |
| 241  | 1"   | 1,8  | 91241AFBC | 1         | 50 |  |
| 241  | 1"   | 2    | 91241AFAD | 1         | 50 |  |
| 241  | 1"   | 2,5  | 91241AFAE | 1         | 50 |  |
| 241  | 1"   | 3    | 91241AFAF | 1         | 50 |  |
| 241  | 1"   | 3,5  | 91241AFAG | 1         | 50 |  |
| 241  | 1"   | 4    | 91241AFAH | 1         | 50 |  |
| 241  | 1"   | 5    | 91241AFAL | 1         | 50 |  |
| 241  | 1"   | 6    | 91241AFAN | 1         | 50 |  |
| 241  | 1"   | 7    | 91241AFAP | 1         | 50 |  |
| 241  | 1"   | 8    | 91241AFAQ | 1         | 50 |  |
| 241  | 1"   | 9    | 91241AFAR | 1         | 50 |  |
| 241  | 1"   | 10   | 91241AFAS | 1         | 50 |  |

### Art. 251

Female membrane safety valve. 1/4" connection for pressure gauge. Calibration pressure to be specified. PN 10, max.working temperature 110°C, opening overpressure 20%, closing pressure 20%.

The product complies the Ped. 2014/68/UE norm - categoria IV D.M.1.12.75, D.Lgs.25.02.2000. CE n.0425 approval.



| ART. | SIZE | ATM. | CODE      | PACKAGING |    |  |
|------|------|------|-----------|-----------|----|--|
|      |      |      |           |           |    |  |
| 251  | 1/2" | 1,5  | 91251ADAC | 1         | 50 |  |
| 251  | 1/2" | 1,8  | 91251ADBC | 1         | 50 |  |
| 251  | 1/2" | 2    | 91251ADAD | 1         | 50 |  |
| 251  | 1/2" | 2,5  | 91251ADAE | 1         | 50 |  |
| 251  | 1/2" | 3    | 91251ADAF | 1         | 50 |  |
| 251  | 1/2" | 3,5  | 91251ADAG | 1         | 50 |  |
| 251  | 1/2" | 4    | 91251ADAH | 1         | 50 |  |
| 251  | 1/2" | 5    | 91251ADAL | 1         | 50 |  |
| 251  | 1/2" | 6    | 91251ADAN | 1         | 50 |  |
| 251  | 1/2" | 7    | 91251ADAP | 1         | 50 |  |
| 251  | 1/2" | 8    | 91251ADAQ | 1         | 50 |  |
| 251  | 1/2" | 9    | 91251ADAR | 1         | 50 |  |
| 251  | 1/2" | 10   | 91251ADAS | 1         | 50 |  |



### Art. 242

Male/Female membrane safety valve. Calibration pressure to be specified. PN 10, max. working temperature 110°C, opening overpressure 20%, closing pressure 20%.

The product complies the Ped. 2014/68/UE norm - categoria IV D.M. 1.12.75, D.Lgs. 25.02.2000. CE n. 0425 approval.

| ART. | SIZE | ATM. | CODE      | PACKAGING |    |  |
|------|------|------|-----------|-----------|----|--|
|      |      |      |           |           |    |  |
| 242  | 1/2" | 1,5  | 91242ADAC | 1         | 50 |  |
| 242  | 1/2" | 1,8  | 91242ADBC | 1         | 50 |  |
| 242  | 1/2" | 2    | 91242ADAD | 1         | 50 |  |
| 242  | 1/2" | 2,5  | 91242ADAE | 1         | 50 |  |
| 242  | 1/2" | 3    | 91242ADAF | 1         | 50 |  |
| 242  | 1/2" | 3,5  | 91242ADAG | 1         | 50 |  |
| 242  | 1/2" | 4    | 91242ADAH | 1         | 50 |  |
| 242  | 1/2" | 5    | 91242ADAL | 1         | 50 |  |
| 242  | 1/2" | 6    | 91242ADAN | 1         | 50 |  |
| 242  | 1/2" | 7    | 91242ADAP | 1         | 50 |  |
| 242  | 1/2" | 8    | 91242ADAQ | 1         | 50 |  |
| 242  | 1/2" | 9    | 91242ADAR | 1         | 50 |  |
| 242  | 1/2" | 10   | 91242ADAS | 1         | 50 |  |
| 242  | 3/4" | 1,5  | 91242AEAC | 1         | 50 |  |
| 242  | 3/4" | 1,8  | 91242AEBC | 1         | 50 |  |
| 242  | 3/4" | 2    | 91242AEAD | 1         | 50 |  |
| 242  | 3/4" | 2,5  | 91242AEAE | 1         | 50 |  |
| 242  | 3/4" | 3    | 91242AEAF | 1         | 50 |  |
| 242  | 3/4" | 3,5  | 91242AEAG | 1         | 50 |  |
| 242  | 3/4" | 4    | 91242AEAH | 1         | 50 |  |
| 242  | 3/4" | 5    | 91242AEAL | 1         | 50 |  |
| 242  | 3/4" | 6    | 91242AEAN | 1         | 50 |  |
| 242  | 3/4" | 7    | 91242AEAP | 1         | 50 |  |
| 242  | 3/4" | 8    | 91242AEAQ | 1         | 50 |  |
| 242  | 3/4" | 9    | 91242AEAR | 1         | 50 |  |
| 242  | 3/4" | 10   | 91242AEAS | 1         | 50 |  |



### Art. 252

Male/Female membrane safety valve. 1/4" connection for pressure gauge. Calibration pressure to be specified. PN 10, max. working temperature 110°C, opening overpressure 20%, closing pressure 20%.

The product complies the Ped. 2014/68/UE norm - categoria IV D.M. 1.12.75, D.Lgs. 25.02.2000. CE n.0425 approval.

| ART. | SIZE | ATM. | CODE      | PACKAGING |    |  |
|------|------|------|-----------|-----------|----|--|
|      |      |      |           |           |    |  |
| 252  | 1/2" | 1,5  | 91252ADAC | 1         | 50 |  |
| 252  | 1/2" | 1,8  | 91252ADBC | 1         | 50 |  |
| 252  | 1/2" | 2    | 91252ADAD | 1         | 50 |  |
| 252  | 1/2" | 2,5  | 91252ADAE | 1         | 50 |  |
| 252  | 1/2" | 3    | 91252ADAF | 1         | 50 |  |
| 252  | 1/2" | 3,5  | 91252ADAG | 1         | 50 |  |
| 252  | 1/2" | 4    | 91252ADAH | 1         | 50 |  |
| 252  | 1/2" | 5    | 91252ADAL | 1         | 50 |  |
| 252  | 1/2" | 6    | 91252ADAN | 1         | 50 |  |
| 252  | 1/2" | 7    | 91252ADAP | 1         | 50 |  |
| 252  | 1/2" | 8    | 91252ADAQ | 1         | 50 |  |
| 252  | 1/2" | 9    | 91252ADAR | 1         | 50 |  |
| 252  | 1/2" | 10   | 91252ADAS | 1         | 50 |  |





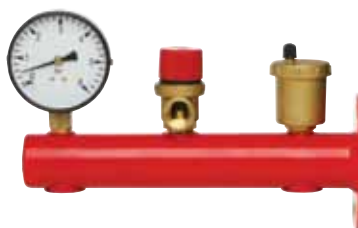
### Art. 253

Female membrane safety valve with 1/4" connection for pressure gauge. Equipped with a pre-mounted pressure gauge. Calibration pressure to be specified. PN 10, max. working temperature 110°C, opening overpressure 20%, closing pressure 20%.

The product complies the Ped. 2014/68/UE norm - categoria IV D.M. 1.12.75, D.Lgs. 25.02.2000. CE n. 0425 approval.

| ART. | SIZE | ATM. | CODE      | PACKAGING |    |
|------|------|------|-----------|-----------|----|
|      |      |      |           |           |    |
| 253  | 1/2" | 1,5  | 91253ADAC | 1         | 50 |
| 253  | 1/2" | 1,8  | 91253ADBC | 1         | 50 |
| 253  | 1/2" | 2    | 91253ADAD | 1         | 50 |
| 253  | 1/2" | 2,5  | 91253ADAE | 1         | 50 |
| 253  | 1/2" | 3    | 91253ADAF | 1         | 50 |
| 253  | 1/2" | 3,5  | 91253ADAG | 1         | 50 |
| 253  | 1/2" | 4    | 91253ADAH | 1         | 50 |
| 253  | 1/2" | 5    | 91253ADAL | 1         | 50 |
| 253  | 1/2" | 6    | 91253ADAN | 1         | 50 |
| 253  | 1/2" | 7    | 91253ADAP | 1         | 50 |
| 253  | 1/2" | 8    | 91253ADAQ | 1         | 50 |
| 253  | 1/2" | 9    | 91253ADAR | 1         | 50 |
| 253  | 1/2" | 10   | 91253ADAS | 1         | 50 |

## GRUPOS DE SEGURIDAD



### Art. GS01

Pre-assembled safety group. Automatic air vent (art. 707), 1/2" safety valve (art. 242), pressure gauge (art. 244). 3/4" F lower connections, brackets for wall-fixing. PN10, max. working temperature 110°C, opening overpressure 20%, closing pressure 20%. Safety valve CE n. 0425 approval.

| ART. | SAFETY VALVE | MANOMETER     | CODE       | PACKAGING |
|------|--------------|---------------|------------|-----------|
| GS01 | 242 1/2"-3   | 244 1/4" 0-6  | 91GS010020 | 1         |
| GS01 | 242 1/2"-6   | 244 1/4" 0-10 | 91GS01AN10 | 1         |



### Art. GS02

Pre-assembled safety group. Automatic air vent (art. 709), 1/2" safety valve 3 bar (art. 242), pressure gauge 0-6 bar (art. 257 1/4"). 1" F lower connections. PN 10, max. working temperature 110°C, opening overpressure 20%, closing pressure 20%. Safety valve CE n. 0425 approval.

| ART. | CODE       | PACKAGING |
|------|------------|-----------|
| GS02 | 91GS020020 | 1         |

## DESAIREADORES Y PURGADORES



### Art. 700

Automatic floating air vent. Compact model.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 700  | 3/8" | 82700AC05 | 25        | 250 |  |  |
| 700  | 1/2" | 82700AD05 | 25        | 250 |  |  |
| 700  | 3/8" | 82700AC06 | 25        | 250 |  |  |
| 700  | 1/2" | 82700AD06 | 25        | 250 |  |  |



### Art. 700 + 710

Automatic floating air vent with check valve. Packed together. Compact model.

| ART.    | SIZE | CODE          | PACKAGING |     |  |  |
|---------|------|---------------|-----------|-----|--|--|
|         |      |               |           |     |  |  |
| 700+710 | 3/8" | 82700AC05 710 | 25        | 250 |  |  |
| 700+710 | 1/2" | 82700AD05 710 | 25        | 250 |  |  |
| 700+710 | 3/8" | 82700AC06 710 | 25        | 250 |  |  |
| 700+710 | 1/2" | 82700AD06 710 | 25        | 250 |  |  |



### Art. 707

Automatic floating air vent. Regular size.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 707  | 3/8" | 82707AC05 | 16        | 160 |  |  |
| 707  | 1/2" | 82707AD05 | 16        | 160 |  |  |
| 707  | 3/4" | 82707AE05 | 16        | 160 |  |  |
| 707  | 3/8" | 82707AC06 | 16        | 160 |  |  |
| 707  | 1/2" | 82707AD06 | 16        | 160 |  |  |
| 707  | 3/4" | 82707AE06 | 16        | 160 |  |  |



### Art. 707 + Art. 710

Automatic floating air vent with check valve. Packed together. Regular size.

| ART.    | SIZE | CODE          | PACKAGING |    |  |  |
|---------|------|---------------|-----------|----|--|--|
|         |      |               |           |    |  |  |
| 707+710 | 3/8" | 82707AC05 710 | 1         | 50 |  |  |
| 707+710 | 1/2" | 82707AD05 710 | 1         | 50 |  |  |



### Art. 708

Automatic floating air vent. Big size. Manual use also available.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 708  | 3/8" | 82708AC05 | 10        | 100 |  |  |
| 708  | 1/2" | 82708AD05 | 10        | 100 |  |  |
| 708  | 3/8" | 82708AC06 | 10        | 100 |  |  |
| 708  | 1/2" | 82708AD06 | 10        | 100 |  |  |

## DESAIREADORES Y PURGADORES



### Art. 709

Automatic floating air vent. Very small outside diameter particularly suitable for coplanar manifolds. Manual use also available.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 709  | 3/8" | 82709AC05 | 25        | 250 |  |  |
| 709  | 1/2" | 82709AD05 | 25        | 250 |  |  |
| 709  | 3/8" | 82709AC06 | 25        | 250 |  |  |
| 709  | 1/2" | 82709AD06 | 25        | 250 |  |  |



### Art. 715

Angle automatic floating air vent. Nickel plated. Manual use also available.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 715  | 3/8" | 82715AC06 |           | 100 |  |  |
| 715  | 1/2" | 82715AD06 |           | 100 |  |  |
| 715  | 3/4" | 82715AE06 |           | 100 |  |  |



### Art. 719

Automatic floating air vent. Lateral discharge.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 719  | 3/8" | 82719AC05 | 16        | 160 |  |  |
| 719  | 1/2" | 82719AD05 | 16        | 160 |  |  |
| 719  | 3/8" | 82719AC06 | 16        | 160 |  |  |
| 719  | 1/2" | 82719AD06 | 16        | 160 |  |  |



### Art. 710

Check valve for art. 700 - 707 - 708 - 709.

| ART. | SIZE | CODE      | PACKAGING |     |  |  |
|------|------|-----------|-----------|-----|--|--|
|      |      |           |           |     |  |  |
| 710  | 3/8" | 82710AC05 |           | 500 |  |  |
| 710  | 1/2" | 82710AD05 |           | 750 |  |  |
| 710  | 3/8" | 82710AC06 |           | 500 |  |  |
| 710  | 1/2" | 82710AD06 |           | 750 |  |  |

**Art. 711**

Drain cock. Body made of nickel plated brass, revolving knob made of nylon. EPDM O-ring. 1/2" thread.



| ART. | SIZE | CODE      | PACKAGING                                                                           |     |
|------|------|-----------|-------------------------------------------------------------------------------------|-----|
| 711  | 1/2" | 82711AD06 |  | 500 |

**Art. 135**

Drain cock for boilers, ball valve with lever, hose and cap.



| ART. | SIZE          | CODE      | PACKAGING                                                                           |   |
|------|---------------|-----------|-------------------------------------------------------------------------------------|---|
| 135  | 1/2" M x Ø 15 | 90135AD05 |  | 1 |

**Art. 146**

Ball valve drain cock for boiler. PN 10.



| ART. | SIZE | CODE      | PACKAGING                                                                             |     |
|------|------|-----------|---------------------------------------------------------------------------------------|-----|
| 146  | 1/2" | 90146AD05 |  | 100 |

## VALVULAS DE LLENADO AUTOMATICO

**Art. 249**

Heavy model filling group with stop cock and filter. 1/4" connection for gauge. Check valve. Max. inlet pressure 20 bar, adjustable outlet pressure from 1 to 6 bar (factory setting 1,5 bar), max. working temperature 90°C.



We suggest to install the filling group with art. 50 at page 120

| ART. | SIZE | CODE      | PACKAGING                                                                             |                                                                                       |
|------|------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|      |      |           |  |  |
| 249  | 1/2" | 91249AD05 | 1                                                                                     | 50                                                                                    |

**Art. 249 + Art. 244**

Heavy model filling group with stop cock and filter. 1/4" connection for gauge. Check valve. Max. inlet pressure 20 bar, adjustable outlet pressure from 1 to 6 bar (factory setting 1,5 bar), max. working temperature 90°C. With gauge.



We suggest to install the filling group with art. 50 at page 120

| ART.    | SIZE | CODE          | PACKAGING                                                                             |                                                                                       |
|---------|------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |      |               |  |  |
| 249+244 | 1/2" | 91249AD05 244 | 1                                                                                     | 50                                                                                    |

## VÁLVULAS DE ESCAPE TÉRMICO



### Art. 605

The double safety thermal drain valve prevents heat generators, such as biomass-fired boilers, from the overheating. When the temperature reaches 95°C the valve opens to release excess hot water. Opening temperature 95°C, Max. capacity: 93 KW - 80000 Kcal/h, max. water flow 2000 kg/h, 1/2" cockpit connection, 152 mm cockpit length.

PLEASE NOTE: the double safety consists of 2 thermostatic elements with 2 capillaries. In case of malfunction or accidental break of an element, the other one ensures the opening.

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 605  | 3/4" | 90605AE05 | 1         |  |



### Art. 608

Thermal drain valve. It prevents heat generators, such as biomass-fired boilers, from the overheating. When the temperature reaches 95°C the valve opens to release excess hot water. Opening temperature 95°C, Max. capacity: 93 KW - 80000 Kcal/h, max. water flow 2000 kg/h, 1/2" cockpit connection.

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 608  | 3/4" | 90608AE05 | 1         |  |



### Art. 606

Thermic drain valve. **INAIL approved.** Manual resetting and optical signal. Temperature setting 95°C, IP40.

#### TECHNICAL FEATURES:

Drainage potentiality:

- 1"1/4 176.750 Kcal/h equal to 7.070 l/h
- 1"1/2 318.200 Kcal/h equal to 12.728 l/h

| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 606  | 1"1/4 | 90606AG05 | 1         |  |
| 606  | 1"1/2 | 90606AH05 | 1         |  |

# VÁLVULAS DE ESCAPE TÉRMICO Y ANTICONDENSADOS PARA CALDERAS



## Art. 267

Thermal release valve. It prevents overheating in thermal generators, such as biomass-fired boilers. When the temperature of 95°C is reached, the valve opens, enabling hot water in excess to be discharged, and letting cold water flow into the boiler. Opening temperature 95°C, max. capacity: 93 KW - 80000 kcal/h, max. water flow 2000kg/h, cockpit connection 1/2.

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 267  | 3/4" | 90267AE05 | 1         |  |



## Art. 266

The temperature and pressure relief valve discharges the hot water contained in a storage tank when the temperature is over 100°C or when the pressure is exceeding valve set value. The valve closes when the pressure and/or the temperature decreases within the set tolerances. The valve starts opening at a temperature between 98°C and 100°C.

| ART. | SIZE        | ATM | CODE      | PACKAGING |  |
|------|-------------|-----|-----------|-----------|--|
| 266  | 1/2"Mx1/2"F | 3   | 91266ADAF | 1         |  |
| 266  | 1/2"Mx1/2"F | 6   | 91266ADAN | 1         |  |
| 266  | 1/2"Mx1/2"F | 8   | 91266ADAQ | 1         |  |
| 266  | 3/4"Mx3/4"F | 3   | 91266AEAF | 1         |  |
| 266  | 3/4"Mx3/4"F | 6   | 91266AEAN | 1         |  |
| 266  | 3/4"Mx3/4"F | 8   | 91266AEAQ | 1         |  |



## Art. 131

Male anti-condensation valve. Working temperature range 45°/55°/60°/70°. It automatically regulates at the set value the temperature of the water returning to the generator.

| ART. | CONNECTIONS | CALIBRATION | CODE        | PACKAGING |  |
|------|-------------|-------------|-------------|-----------|--|
| 131  | 1"1/4       | 45°         | 90131AF0545 | 1         |  |
| 131  | 1"1/4       | 55°         | 90131AF0555 | 1         |  |
| 131  | 1"1/4       | 60°         | 90131AF0560 | 1         |  |
| 131  | 1"1/4       | 70°         | 90131AF0570 | 1         |  |
| 131  | 1"1/2       | 45°         | 90131AG0545 | 1         |  |
| 131  | 1"1/2       | 55°         | 90131AG0555 | 1         |  |
| 131  | 1"1/2       | 60°         | 90131AG0560 | 1         |  |
| 131  | 1"1/2       | 70°         | 90131AG0570 | 1         |  |



## Art. 132

Anti-condensation valve with unions on the 3 ways. Working temperature range 45°/55°/60°/70°.

It automatically regulates at the set value the temperature of the water returning to the generator.

| ART. | CONNECTIONS | CALIBRATION | CODE        | PACKAGING |  |
|------|-------------|-------------|-------------|-----------|--|
| 132  | 1"          | 45°         | 90132AF0545 | 1         |  |
| 132  | 1"          | 55°         | 90132AF0555 | 1         |  |
| 132  | 1"          | 60°         | 90132AF0560 | 1         |  |
| 132  | 1"          | 70°         | 90132AF0570 | 1         |  |
| 132  | 1"1/4       | 45°         | 90132AG0545 | 1         |  |
| 132  | 1"1/4       | 55°         | 90132AG0555 | 1         |  |
| 132  | 1"1/4       | 60°         | 90132AG0560 | 1         |  |
| 132  | 1"1/4       | 70°         | 90132AG0570 | 1         |  |



## Art. 133

Female anti-condensation valve. Working temperature range 45°/55°/60°/70°. It automatically regulates at the set value the temperature of the water returning to the generator.

| ART. | CONNECTIONS | CALIBRATION | CODE        | PACKAGING |  |
|------|-------------|-------------|-------------|-----------|--|
| 133  | 1"          | 45°         | 90133AF0545 | 1         |  |
| 133  | 1"          | 55°         | 90133AF0555 | 1         |  |
| 133  | 1"          | 60°         | 90133AF0560 | 1         |  |
| 133  | 1"          | 70°         | 90133AF0570 | 1         |  |
| 133  | 1"1/4       | 45°         | 90133AG0545 | 1         |  |
| 133  | 1"1/4       | 55°         | 90133AG0555 | 1         |  |
| 133  | 1"1/4       | 60°         | 90133AG0560 | 1         |  |
| 133  | 1"1/4       | 70°         | 90133AG0570 | 1         |  |

## REGULADOR DE TIRO

### Art. 147

Draught regulator for wood, carbon and multi-fuel boilers. Temperature regulation range 30-100°C. The draught regulator controls the flow of the air and modulates the fire intensity according to the request of the system.



#### TECHNICAL FEATURES:

- Wax thermostatic element: high precision and power
- Metallic body
- High temperature proof handwheel
- Regulating scale 30° ÷ 100°C
- Chain lenght: 1200 mm.
- 120° bended standard lever; from 120 mm to 145 mm; hain stroke 6 mm./10°C; force 0,850 Kg.
- 3/4" conical connection to the boiler; vertical or horizontal positioning

| ART. | SIZE | CONNECTION<br>THREAD | CODE      | PACKAGING |  |
|------|------|----------------------|-----------|-----------|--|
| 147  | 3/4" | 3/4"                 | 90147AE06 | 1         |  |

## TERMOSTATO DE INMERSIÓN Y CONTACTO

### Art. 610

Contact control thermostat, with two-metal sensor, setting range 0 ÷ 90°C, IP40, contacts capacity 16 (4) A 250 V~, 6 (1)A 400 V~, differential 6 ± 2°C. CE approved.



| ART. |  | CODE       | PACKAGING |  |
|------|--|------------|-----------|--|
| 610  |  | 9061009053 | 1         |  |

### Art. 611

Immersion thermostat, with switching contact. Bulb with cockpit, connection thread 1/2", 100 mm long included, setting range 0 ÷ 90°C, IP40, contact capacity 16 (4) A 250 V~, 6 (1)A 400V~, differential 6 ± 2°C. CE and INAIL approved.



| ART. |  | CODE       | PACKAGING |  |
|------|--|------------|-----------|--|
| 611  |  | 9061109053 | 1         |  |

### Art. 612

Immersion safety thermostat, fixed calibration, manual reset and positive safety device. Calibration valve 100°C. Bulb with cockpit, connection 1/2", 100 mm long included, contacts capacity 16 (4) A 250 V~, 6 (1)A 400 V~, CE approved.



| ART. |  | CODE       | PACKAGING |  |
|------|--|------------|-----------|--|
| 612  |  | 9061209053 | 1         |  |

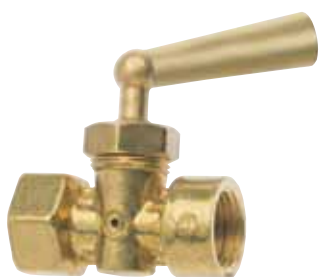
## VÁLVULAS DE CIERRE



### Art. 158

Female gauge tap. PN 16. Max.working temperature 110°C.

| ART. | SIZE | CODE      | PACKAGING<br> |  |
|------|------|-----------|--------------------------------------------------------------------------------------------------|--|
| 158  | 1/4" | 90158AB05 | 100                                                                                              |  |
| 158  | 3/8" | 90158AC05 | 100                                                                                              |  |
| 158  | 1/2" | 90158AD05 | 50                                                                                               |  |



### Art. 151

Female gauge tap. PN 16. Suitable for steam up to 140°C. Metallic gasket for high temperature.

| ART. | SIZE | CODE      | PACKAGING<br> |  |
|------|------|-----------|--------------------------------------------------------------------------------------------------|--|
| 151  | 1/4" | 90151AB05 | 100                                                                                              |  |
| 151  | 3/8" | 90151AC05 | 100                                                                                              |  |
| 151  | 1/2" | 90151AD05 | 50                                                                                               |  |



### Art. 159

Three-way gauge tap. INAIL approved. PN16. Max.working temperature 110°C.

| ART. | SIZE | CODE      | PACKAGING<br> |  |
|------|------|-----------|----------------------------------------------------------------------------------------------------|--|
| 159  | 1/4" | 90159AB05 | 100                                                                                                |  |
| 159  | 3/8" | 90159AC05 | 100                                                                                                |  |
| 159  | 1/2" | 90159AD05 | 50                                                                                                 |  |



### Art. 160

Gauge tap. male-female connections. PN 16. Max.working temperature 110°C.

| ART. | SIZE | CODE      | PACKAGING<br> |  |
|------|------|-----------|----------------------------------------------------------------------------------------------------|--|
| 160  | 1/4" | 90160AB05 | 100                                                                                                |  |
| 160  | 3/8" | 90160AC05 | 100                                                                                                |  |
| 160  | 1/2" | 90160AD05 | 50                                                                                                 |  |



### Art. 153

Male/Female revolving curl for pressure gauge. Nickel plated. PN 25. Max.working temperature 200°C.

| ART. | SIZE | CODE      | PACKAGING<br> |  |
|------|------|-----------|----------------------------------------------------------------------------------------------------|--|
| 153  | 1/4" | 90153AB06 | 1                                                                                                  |  |
| 153  | 3/8" | 90153AC06 | 1                                                                                                  |  |
| 153  | 1/2" | 90153AD06 | 1                                                                                                  |  |



## MANÓMETROS Y TERMÓMETROS

### Art. 243

1/4" gauge. Back connection. Ø 63. When ordering please specify the operating pressure.



| ART. | SIZE | ATM.   | CODE      | PACKAGING |  |
|------|------|--------|-----------|-----------|--|
| 243  | 1/4" | 0 - 4  | 91243AB04 | 1         |  |
| 243  | 1/4" | 0 - 6  | 91243AB06 | 1         |  |
| 243  | 1/4" | 0 - 10 | 91243AB10 | 1         |  |

### Art. 244

1/4" gauge. Radial connection. Ø 63. When ordering please specify the operating pressure.



| ART. | SIZE | ATM.   | CODE      | PACKAGING |  |
|------|------|--------|-----------|-----------|--|
| 244  | 1/4" | 0 - 4  | 91244AB04 | 1         |  |
| 244  | 1/4" | 0 - 6  | 91244AB06 | 1         |  |
| 244  | 1/4" | 0 - 10 | 91244AB10 | 1         |  |

### Art. 257

0 - 6 bar gauge. Radial connection. **Max. pressure indication. Ø 63. INAIL approved.**



| ART. | SIZE | ATM.   | CODE      | PACKAGING |  |
|------|------|--------|-----------|-----------|--|
| 257  | 1/4" | 0 - 4  | 91257AB04 | 1         |  |
| 257  | 1/4" | 0 - 6  | 91257AB06 | 1         |  |
| 257  | 1/4" | 0 - 10 | 91257AB10 | 1         |  |

### Art. 263

0 - 6 bar gauge. Back connection **with red hand for maximum pressure indication. Ø 63. INAIL approved.**



| ART. | SIZE | ATM.   | CODE      | PACKAGING |  |
|------|------|--------|-----------|-----------|--|
| 263  | 1/4" | 0 - 4  | 91263AB04 | 1         |  |
| 263  | 1/4" | 0 - 6  | 91263AB06 | 1         |  |
| 263  | 1/4" | 0 - 10 | 91263AB10 | 1         |  |

### Art. 255

Radial connection gauge. Ø 80. When ordering please specify the operating pressure. **INAIL approved.**



| ART. | SIZE | ATM.   | CODE      | PACKAGING |  |
|------|------|--------|-----------|-----------|--|
| 255  | 3/8" | 0 - 4  | 91255AC04 | 1         |  |
| 255  | 3/8" | 0 - 6  | 91255AC06 | 1         |  |
| 255  | 3/8" | 0 - 10 | 91255AC10 | 1         |  |
| 255  | 3/8" | 0 - 16 | 91255AC16 | 1         |  |
| 255  | 1/2" | 0 - 4  | 91255AD04 | 1         |  |
| 255  | 1/2" | 0 - 6  | 91255AD06 | 1         |  |
| 255  | 1/2" | 0 - 10 | 91255AD10 | 1         |  |
| 255  | 1/2" | 0 - 16 | 91255AD16 | 1         |  |

MANÓMETROS Y TERMÓMETROS



**Art. 282**  
Membrane gauge for gas with 1/4 radial connection. Ø 63.

| ART. | SIZE | ATM.<br>mbar | CODE       | PACKAGING |  |
|------|------|--------------|------------|-----------|--|
| 282  | 1/4" | 0 - 60       | 91282AB060 | 1         |  |
| 282  | 1/4" | 0 - 100      | 91282AB100 | 1         |  |
| 282  | 1/4" | 0 - 150      | 91282AB150 | 1         |  |
| 282  | 1/4" | 0 - 250      | 91282AB250 | 1         |  |
| 282  | 1/4" | 0 - 400      | 91282AB400 | 1         |  |
| 282  | 1/4" | 0 - 600      | 91282AB600 | 1         |  |



**Art. 283**  
Glycerine gauge with 1/4 radial connection. Max. operating temperature 160°C. Ø 63.

| ART. | SIZE | ATM.<br>mbar | CODE      | PACKAGING |  |
|------|------|--------------|-----------|-----------|--|
| 283  | 1/4" | 0 - 6        | 91283AB06 | 1         |  |
| 283  | 1/4" | 0 - 10       | 91283AB10 | 1         |  |
| 283  | 1/4" | 0 - 16       | 91283AB16 | 1         |  |



**Art. 258**  
Thermomanometer with check valve. Radial connection, temperature range 0 ÷ 120°C, pressure scale 0 ÷ 4 bar or 0 ÷ 6 bar. Pressure precision: CL 1,6. Temperature precision: CL 2.IP 34 protection degree.

| ART. | SIZE | ATM.   | °C      | CODE         | PACKAGING |    |  |
|------|------|--------|---------|--------------|-----------|----|--|
| 258  | 1/2" | 0 - 4  | 0 - 120 | 91258AD04120 | 1         | 50 |  |
| 258  | 1/2" | 0 - 6  | 0 - 120 | 91258AD06120 | 1         | 50 |  |
| 258  | 1/2" | 0 - 10 | 0 - 120 | 91258AD10120 | 1         | 50 |  |



**Art. 259**  
Thermomanometer with check valve. Back connection, temperature range 0 ÷ 120°C, pressure scale 0 ÷ 4 bar or 0 ÷ 6 bar. Pressure precision: CL 1,6. Temperature precision: CL 2.IP 34 protection degree.

| ART. | SIZE | ATM.   | °C      | CODE         | PACKAGING |    |  |
|------|------|--------|---------|--------------|-----------|----|--|
| 259  | 1/2" | 0 - 4  | 0 - 120 | 91259AD04120 | 1         | 50 |  |
| 259  | 1/2" | 0 - 6  | 0 - 120 | 91259AD06120 | 1         | 50 |  |
| 259  | 1/2" | 0 - 10 | 0 - 120 | 91259AD10120 | 1         | 50 |  |



**Art. 287**  
Thermometer with spring clip, 60 mm diameter.

| ART. | SIZE  | CODE      | PACKAGING |  |
|------|-------|-----------|-----------|--|
| 287  | 0-120 | 872870120 | 10        |  |



**Art. 207**  
Cockpit for thermometer art. 287.

| ART. | SIZE | CODE      | PACKAGING |  |
|------|------|-----------|-----------|--|
| 207  | 3/8  | 87207AC05 | 100       |  |

# PRODUCTOS Y COMPONENTES PARA SISTEMAS SOLARES



**MEZCLADORES TERMOSTÁTICOS**

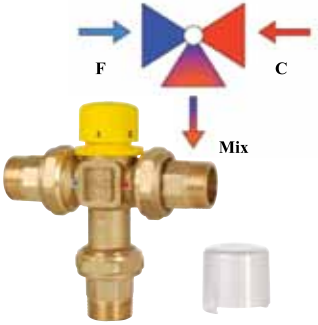
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**EQUIPOS DE SEGURIDAD PARA SISTEMAS SOLARES**

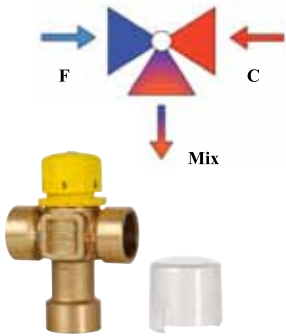
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# MEZCLADORES TERMOSTÁTICOS



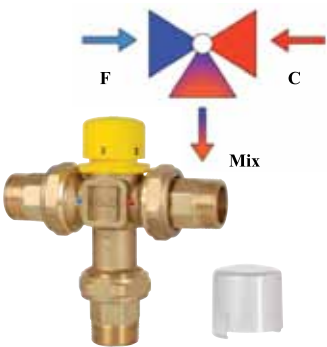
**Art. S100**  
Thermostatic mixer for solar systems. Male threaded tails, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. Side hot/cold water inlets, **lower mixed way**.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
|      |      |                      |            |           |    |
| S100 | 1/2" | 1,5                  | 93S100AD05 | 1         | 10 |
| S100 | 3/4" | 2                    | 93S100AE05 | 1         | 10 |
| S100 | 1"   | 3                    | 93S100AF05 | 1         | 10 |



**Art. S101**  
Thermostatic mixer for solar systems. Female threaded tails, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. Side hot/cold water inlets, **lower mixed way**.

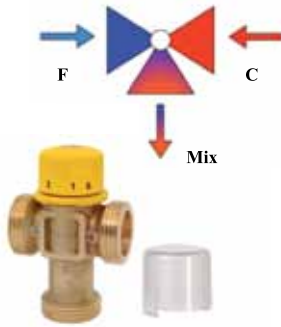
| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
|      |      |                      |            |           |    |
| S101 | 1/2" | 1,5                  | 93S101AD05 | 1         | 10 |
| S101 | 3/4" | 2                    | 93S101AE05 | 1         | 10 |
| S101 | 1"   | 3                    | 93S101AF05 | 1         | 10 |



**Art. S102**  
Thermostatic mixer for solar systems. Male threaded tails, **with check valve for high temperatures**, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. Side hot/cold water inlets, **lower mixed way**.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
|      |      |                      |            |           |    |
| S102 | 3/4" | 2                    | 93S102AE05 | 1         | 10 |

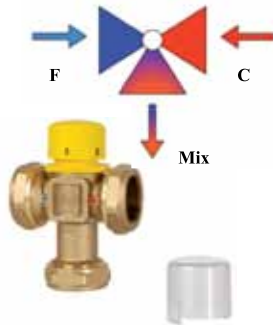
## MEZCLADORES TERMOSTÁTICOS



### Art. S103

Thermostatic mixer with male tails. Max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. Side hot/cold inlets, **lower mixed way**.

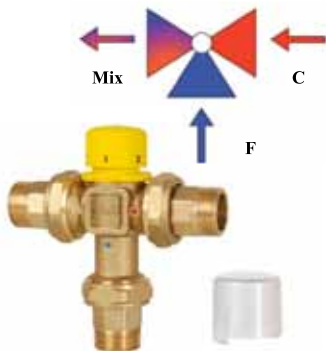
| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
| S103 | 1"   | 2                    | 93S103AE05 | 1         | 10 |



### Art. S113

Thermostatic mixer for 22 mm diam. copper piping with fittings on the 3 ways. Max. working pressure 10 bars, max. working temperature 100 °C. Temperature setting on mixed way 30-60°C. Side hot/cold water inlets, **lower mixed way**.

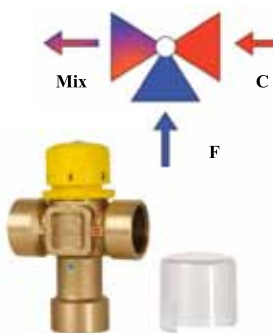
| ART. | SIZE | ATTACKS | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|---------|----------------------|------------|-----------|----|
| S113 | 3/4" | 22 mm   | 2                    | 93S113BJ05 | 1         | 10 |



### Art. S107

Thermostatic mixer for solar systems. Male threaded tails, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. **Side mixed way**, hot water side inlet, cold water lower inlet.

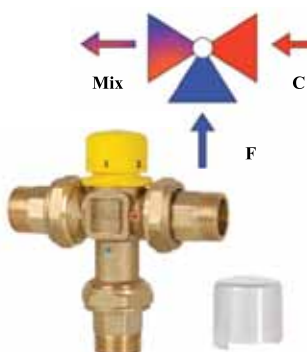
| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
| S107 | 1/2" | 1,5                  | 93S107AD05 | 1         | 10 |
| S107 | 3/4" | 2                    | 93S107AE05 | 1         | 10 |



### Art. S108

Thermostatic mixer for solar systems. Female threaded tails, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. **Side mixed way**, hot water side inlet, cold water lower inlet.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
| S108 | 1/2" | 1,5                  | 93S108AD05 | 1         | 10 |
| S108 | 3/4" | 2                    | 93S108AE05 | 1         | 10 |

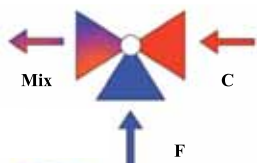


### Art. S109

Thermostatic mixer for solar systems. Male threaded tails, **with check valve for high temperatures**, max. working pressure 10 bars, max. working temperature 100°C. Temperature setting on mixed way 30-60°C. **Side mixed way**, hot waterside inlet, cold water lower inlet.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
| S109 | 3/4" | 2                    | 93S109AE05 | 1         | 10 |

## MEZCLADORES TERMOSTÁTICOS



### Art. S112

Thermostatic mixer with male connections. Max. working pressure 10 bars, Max. working Temperature setting range 100°C. Temperature setting on mixed way 30-60°C. **Side mixed way**, hot water side inlet, cold water lower inlet.

| ART. | SIZE | Kv m <sup>3</sup> /h | CODE       | PACKAGING |    |
|------|------|----------------------|------------|-----------|----|
| S112 | 1"   | 2                    | 93S112AE05 | 1         | 10 |



### Art. S105

Diverting thermostatic valve. Male threaded tails, max. working pressure 10 bars, max. working temperature 100°C. 45°C temperature deviation. Inlet from lower way, deviation on side way.

| ART. | SIZE | Kvs         |             | CODE          | PACKAGING |    |
|------|------|-------------|-------------|---------------|-----------|----|
|      |      | T us. > 45° | T us. < 45° |               | 1         | 10 |
| S105 | 1/2" | 1,3         | 1,2         | 93S105AD05045 | 1         | 10 |
| S105 | 3/4" | 1,6         | 1,4         | 93S105AE05045 | 1         | 10 |



### Art. S106

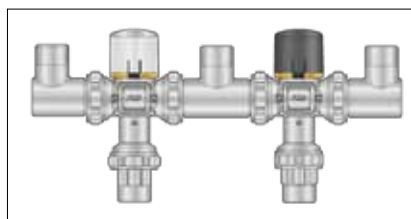
Diverting thermostatic valve. Female threaded connections, max. working pressure 10 bars, max. working temperature 100°C. 45°C temperature deviation. Inlet from lower way, deviation on side way.

| ART. | SIZE | Kvs         |             | CODE         | PACKAGING |    |
|------|------|-------------|-------------|--------------|-----------|----|
|      |      | T us. > 45° | T us. < 45° |              | 1         | 10 |
| S106 | 1/2" | 1,3         | 1,2         | 93S106AD0545 | 1         | 10 |
| S106 | 3/4" | 1,6         | 1,4         | 93S106AE0545 | 1         | 10 |



### Art. S170

Integration kit between the solar panel and the boiler for the production of hot sanitary water. The kit includes one 45°C diverting valve and one mixing valve; temperature setting 30-60°C. Check valve are included in the fittings. On demand, the protection shell art. S172 is available.



| ART. | SIZE | Kvs | CODE         | PACKAGING |    |
|------|------|-----|--------------|-----------|----|
| S170 | 3/4" | 1,2 | 93S170AE0645 | 1         | 10 |

### Art. S172

Protection shell for art. S170 and S171.



| ART. | CODE       | PACKAGING |
|------|------------|-----------|
| S172 | 93S172AE66 | 1         |

## EQUIPOS DE SEGURIDAD PARA SISTEMAS SOLARES



### Art. S120

Fixed setting (6 bars) safety valve for solar systems, female connections, max. working temperature 160°. *The product complies the Ped. 2014/68/UE norm - categoria IV D.M. 1.12.75, D.Lgs.25.02.2000. CE n. 0425 approval.*



| ART. | SIZE | CODE       | PACKAGING |    |  |
|------|------|------------|-----------|----|--|
|      |      |            |           |    |  |
| S120 | 1/2" | 93S120ADAN | 1         | 10 |  |
| S120 | 3/4" | 93S120AEAN | 1         | 10 |  |



### Art. S121

Fixed setting (6 bars) safety valve for solar systems, with increased discharge, female connections, max. working temperature 160°. *The product complies the Ped. 2014/68/UE norm - categoria IV D.M. 1.12.75, D.Lgs.25.02.2000. CE n. 0425 approval.*



| ART. | SIZE      | CODE       | PACKAGING |    |  |
|------|-----------|------------|-----------|----|--|
|      |           |            |           |    |  |
| S121 | 1/2"-3/4" | 93S121AEAN | 1         | 10 |  |



### Art. 740

High capacity deaerator, for solar systems. Max. working pressure 10 bars. Max. temperature 160°C.

| ART. | SIZE  | CODE      | PACKAGING |    |  |
|------|-------|-----------|-----------|----|--|
|      |       |           |           |    |  |
| 740  | 3/4"  | 82740AE05 | 1         | 10 |  |
| 740  | 1"    | 82740AF05 | 1         | 10 |  |
| 740  | 1"1/4 | 82740AG05 | 1         | 10 |  |
| 740  | 1"1/2 | 82740AH05 | 1         | 10 |  |



### Art. S111

High efficiency automatic air vent valve for solar systems, with oil-free mechanism. The oilfree operation prevents the impurities of the fluid from depositing on the venting device. Max. working pressure 10 bars, max. temperature 160°C.

| ART. | SIZE | CODE       | PACKAGING |  |  |
|------|------|------------|-----------|--|--|
|      |      |            |           |  |  |
| S111 | 1/2" | 93S111AD05 | 1         |  |  |
| S111 | 3/4" | 93S111AE05 | 1         |  |  |



### Art. S110

Air vent valve for solar systems. Max. working pressure 10 bars, max. temperature 130°C.

| ART. | SIZE | CODE       | PACKAGING |  |  |
|------|------|------------|-----------|--|--|
|      |      |            |           |  |  |
| S110 | 1/2" | 93S110AD05 | 1         |  |  |



| ICMA ACCESORIOS DE CALEFACCION |                                                                        |        |
|--------------------------------|------------------------------------------------------------------------|--------|
| C. ENERTRES                    | DESCRIPCIÓN                                                            | 17E    |
| 111100AC20                     | LIMITADOR TEMPERATURA CABEZAL TERMOSTATI ART. 1100                     | 2,07 € |
| 81090CC06                      | ART.090 ADAPTADOR COBRE 3/8X12.7 A 1/2 SICURBLOC                       | 3,51 € |
| 81090FC06                      | ART.090 ADAPTADOR COBRE 3/8X10 A 1/2 SICURBLOC                         | 3,65 € |
| 81090FD06                      | ART.090 ADAPTADOR COBRE 3/8X12 A 1/2 SICURBLOC                         | 3,51 € |
| 81090FE06                      | ART.090 ADAPTADOR COBRE 3/8X14 A 1/2 SICURBLOC                         | 3,65 € |
| 81090FF06                      | ART.090 ADAPTADOR COBRE 3/8X15 A 1/2 SICURBLOC                         | 3,65 € |
| 81090FG06                      | ART.090 ADAPTADOR COBRE 3/8X16 A 1/2 SICURBLOC                         | 3,51 € |
| 81090GB06                      | ART.090 ADAPTADOR COBRE 1/2X10 A 24X1,5 SICURBLOC                      | 3,28 € |
| 81090GC06                      | ART.090 ADAPTADOR COBRE 12 A 24X1,5 SICURBLOC                          | 3,28 € |
| 81090GD06                      | ART.090 ADAPTADOR COBRE 14 A 24X1,5 SICURBLOC                          | 3,28 € |
| 81090GE06                      | ART.090 ADAPTADOR COBRE 15 A 24X1,5 SICURBLOC                          | 3,28 € |
| 81090GF06                      | ART.090 ADAPTADOR COBRE 16 A 24X1,5 SICURBLOC                          | 3,28 € |
| 81090GG06                      | ART.090 ADAPTADOR COBRE 18 A 24X1,5 SICURBLOC                          | 3,28 € |
| 81091GB07                      | ART.091 ADAPTADOR COBRE 1/2X10 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81091GC07                      | ART.091 ADAPTADOR COBRE 1/2X12 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81091GD07                      | ART.091 ADAPTADOR COBRE 1/2X14 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81091GE07                      | ART.091 ADAPTADOR COBRE 1/2X15 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81091GF07                      | ART.091 ADAPTADOR COBRE 1/2X16 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81091GG07                      | ART.091 ADAPTADOR COBRE 1/2X18 A 24X1,5 SICURBLOC CROMADO              | 5,50 € |
| 81093HB06                      | ART. 93 ADAPTADOR EUROCONO PARA COBRE 3/4X12 C/CIERRE DE JUNTA TORICA  | 4,43 € |
| 81093HC06                      | ART. 93 ADAPTADOR EUROCONO PARA COBRE 3/4X14 C/ CIERRE DE JUNTA TORICA | 4,43 € |
| 81093HD06                      | ART. 93 ADAPTADOR EUROCONO PARA COBRE 3/4X15 C/ CIERRE DE JUNTA TORICA | 4,43 € |
| 81093HE06                      | ART. 93 ADAPTADOR EUROCONO PARA COBRE 3/4X16 C/ CIERRE DE JUNTA TORICA | 4,43 € |
| 81093HF06                      | ART. 93 ADAPTADOR EUROCONO PARA COBRE 3/4X18 C/ CIERRE DE JUNTA TORICA | 4,43 € |
| 81095BM07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 12X2 A 24X1,5                  | 8,97 € |
| 81095BN07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 14X2 A 24X1,5                  | 8,97 € |
| 81095BO07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 16X2,2 A 24X1,5                | 8,97 € |
| 81095BP07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 18X2,2 A 24X1,5                | 8,97 € |
| 81095BQ07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 20X2 A 24X1,5                  | 8,97 € |
| 81095BR07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 20X2,25 A 24X1,5               | 8,97 € |
| 81095BS07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 17X2 A 24X1,5                  | 8,97 € |
| 81095GG07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 18X2,5 A 24X1,5                | 8,97 € |
| 81095GH07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 16X2 A 24X1,5                  | 8,97 € |
| 81095GI07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 16X1,5 A 24X1,5                | 8,97 € |
| 81095GJ07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 18X2 A 24X1,5                  | 8,97 € |
| 81095GK07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 20X2,25 A 24X1,5               | 8,97 € |
| 81095GL07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 16X2,6 A 24X1,5                | 8,97 € |
| 81095GM07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 20X2,9 A 24X1,5                | 8,97 € |
| 81095GN07                      | ART.095 ADAPTADOR PEX/MULTICAPA CROMADO 20X1,9 A 24X1,5                | 8,97 € |
| 81098BN06                      | ART.098 14X2 A 1/2" RACOR PEX / MULTICAPA                              | 3,54 € |
| 81098BO06                      | ART.098 16X2,2 A 1/2" RACOR PEX / MULTICAPA                            | 3,54 € |
| 81098BH06                      | ART.098 16X2 A 1/2" RACOR PEX / MULTICAPA                              | 3,54 € |
| 81098GI06                      | ART.098 16X1,5 A 1/2" RACOR PEX / MULTICAPA                            | 3,54 € |
| 81100BM06                      | ART.100 ADAPTADOR PEX / MULTICAPA 12X2 A 24X1,5                        | 4,65 € |
| 81100BN06                      | ART.100 14X2 RACOR PEX / MULTICAPA                                     | 4,65 € |
| 81100BO06                      | ART.100 ADAPTADOR PEX / MULTICAPA 16X2,25 A 24X1,5                     | 4,65 € |
| 81100BP06                      | ART.100 ADAPTADOR PEX / MULTICAPA 18X2,2 A 24X1,5                      | 4,65 € |
| 81100BQ06                      | ART.100 ADAPTADOR PEX / MULTICAPA 20X2 A 24X1,5                        | 4,65 € |
| 81100BR06                      | ART.100 ADAPTADOR PEX / MULTICAPA 20X2,25 A 24X1,5                     | 4,65 € |
| 81100BS06                      | ART.100 17X2 RACOR PEX / MULTICAPA                                     | 4,65 € |
| 81100GB06                      | ART.100 12X1,1 RACOR PEX / MULTICAPA                                   | 4,65 € |
| 81100GG06                      | ART.100 18X2,5 RACOR PEX / MULTICAPA                                   | 4,65 € |
| 81100GH06                      | ART.100 ADAPTADOR PEX / MULTICAPA 16X2 A 24X1,5                        | 4,65 € |
| 81100GI06                      | ART.100 16X1,5 RACOR PEX / MULTICAPA                                   | 4,65 € |
| 81100GJ06                      | ART.100 ADAPTADOR PEX / MULTICAPA 18X2 A 24X1,5                        | 4,65 € |
| 81100GK06                      | ART.100 ADAPTADOR PEX / MULTICAPA 20X2,5 A 24X1,5                      | 4,65 € |
| 81100GL06                      | ART.100 ADAPTADOR PEX / MULTICAPA 16X2,6 A 24X1,5                      | 4,65 € |
| 81100GM06                      | ART.100 20X2,9 RACOR PEX / MULTICAPA                                   | 4,65 € |
| 81100GN06                      | ART.100 20X1,9 RACOR PEX / MULTICAPA                                   | 4,65 € |
| 81100GO06                      | ART.100 ADAPTADOR PEX / MULTICAPA 25X2,5 A 1"                          | 5,39 € |
| 81100GP06                      | ART.100 26X3 RACOR PEX/MULTICAPA                                       | 5,39 € |
| 81101BM06                      | ART.101 ADAPTADOR EUROCONO PARA PEX/MULTICAPA 3/4 12X2                 | 5,09 € |
| 81101BN06                      | ART.101 ADAPTADOR EUROCONO PARA PEX/MULTICAPA 3/4 14X2                 | 5,09 € |
| 81101BO06                      | ART.101 16X2,2 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101BP06                      | ART.101 18X2,2 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101BQ06                      | ART.101 20X2 RACOR PEX / MULTICAPA                                     | 5,09 € |
| 81101BR06                      | ART.101 20X2,25 RACOR PEX / MULTICAPA                                  | 5,09 € |
| 81101BS06                      | ART.101 17X2 RACOR PEX / MULTICAPA                                     | 5,09 € |
| 81101GB06                      | ART.101 12X1,1 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101GG06                      | ART.101 18X2,5 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101GH06                      | ART.101 16X2 RACOR PEX / MULTICAPA                                     | 5,09 € |
| 81101GI06                      | ART.101 16X1,5 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101GJ06                      | ART.101 18X2 RACOR PEX / MULTICAPA                                     | 5,09 € |
| 81101GK06                      | ART.101 20X2,5 RACOR PEX / MULTICAPA                                   | 5,09 € |
| 81101GL06                      | ART.101 16X2,6 RACOR PEX / MULTICAPA                                   | 5,09 € |



|            |                                                                                                  |         |
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| 81101GM06  | ART.101 20X2.9 RACOR PEX / MULTICAPA                                                             | 5,09 €  |
| 81101GN06  | ART.101 20X1.9 RACOR PEX / MULTICAPA                                                             | 5,09 €  |
| 81119BS06  | ART.119 ADAPTADOR EUROCONO PARA MULTICAPA 3/4 17X2 C/3 JUNTAS TORICAS                            | 3,84 €  |
| 81119GH06  | ART.119 ADAPTADOR EUROCONO PARA MULTICAPA 3/4 16X2 C/3 JUNTAS TORICAS                            | 3,84 €  |
| 81500AD06  | ART. 500 RACOR DCH. DOBLE 1/2                                                                    | 2,10 €  |
| 81500AF06  | ART. 500 RACOR DCH. DOBLE 1"                                                                     | 6,90 €  |
| 81500RA06  | ART. 500 RACOR DCH. DOBLE 24X1,5 PARA 24X1,5                                                     | 2,55 €  |
| 81501AD06  | ART. 501 1/2M-1/2 RACOR DCH. MACHO                                                               | 1,85 €  |
| 81501AF06  | ART. 501 1"M-1" CONEX. 1" RACOR DCH.MACHO                                                        | 8,08 €  |
| 81501LA06  | ART. 501 RACOR DCH. 3/8M-1/2                                                                     | 2,03 €  |
| 81501LC06  | ART. 501 3/4M-1/2 RACOR DCH. MACHO                                                               | 2,40 €  |
| 81501LE06  | ART. 501 3/4M-1" CONEX. 1" RACOR DCH. MACHO                                                      | 7,12 €  |
| 81501RC06  | ART. 501 3/8M-24X1,5 RACOR DCH. MACHO                                                            | 2,10 €  |
| 81501RD06  | ART. 501 1/2M-24X1,5 RACOR DCH. MACHO                                                            | 2,69 €  |
| 81501RE06  | ART. 501 3/4M-24X1,5 RACOR DCH. MACHO                                                            | 2,95 €  |
| 81501RF06  | ART. 501 1"M-24X1,5 RACOR DCH. MACHO                                                             | 7,01 €  |
| 81502AD06  | ART. 502 1/2F-1/2 RACOR DCH. HEMBRA                                                              | 2,32 €  |
| 81502AF06  | ART. 502 1"F-1" RACOR DCH. HEMBRA                                                                | 8,08 €  |
| 81502LA06  | ART. 502 3/8F-1/2 RACOR DCH. HEMBRA                                                              | 2,14 €  |
| 81502LC06  | ART. 502 3/4F-1/2 RACOR DCH. HEMBRA                                                              | 2,66 €  |
| 81502LE06  | ART. 502 3/4F-1" RACOR DCH. HEMBRA                                                               | 7,23 €  |
| 81502RC06  | ART. 502 3/8F-24X1,5 RACOR DCH. HEMBRA                                                           | 2,36 €  |
| 81502RD06  | ART. 502 1/2F-24X1,5 RACOR DCH. HEMBRA                                                           | 2,92 €  |
| 81502RE06  | ART. 502 3/4F-24X1,5 RACOR DCH. HEMBRA                                                           | 3,39 €  |
| 81502RF06  | ART. 502 1"F-24X1,5 RACOR DCH. HEMBRA                                                            | 7,12 €  |
| 81503AD06  | ART. 503 1/2 CODO DOBLE                                                                          | 4,02 €  |
| 81503RA06  | ART. 503 24X1,5 CODO DOBLE                                                                       | 4,10 €  |
| 81504AD06  | ART. 504 1/2M-1/2 CODO MACHO.                                                                    | 3,51 €  |
| 81504LA06  | ART. 504 3/8M-1/2 CODO MACHO.                                                                    | 3,32 €  |
| 81504LC06  | ART. 504 3/4M-1/2" CODO MACHO                                                                    | 3,76 €  |
| 81504RC06  | ART. 504 3/8M-24X1,5 CODO MACHO.                                                                 | 3,21 €  |
| 81504RD06  | ART. 504 1/2M-24X1,5 CODO MACHO                                                                  | 3,87 €  |
| 81504RE06  | ART. 504 3/4M-24X1,5 CODO MACHO                                                                  | 4,50 €  |
| 81505AD06  | ART. 505 1/2F -1/2 CODO HEMBRA                                                                   | 3,58 €  |
| 81505LA06  | ART. 505 3/8F -1/2 CODO HEMBRA                                                                   | 3,54 €  |
| 81505RC06  | ART. 505 3/8F -24X1,5 CODO HEMBRA                                                                | 3,54 €  |
| 81505RD06  | ART. 505 1/2F -24X1,5 CODO HEMBRA                                                                | 4,17 €  |
| 81505RE06  | ART. 505 3/4M-24X1,5 CODO MACHO                                                                  | 4,61 €  |
| 81506AD06  | ART. 506 A " T" 1/2 RACOR                                                                        | 5,02 €  |
| 81506RA06  | ART. 506 A " T" 24X1,5 RACOR                                                                     | 5,65 €  |
| 81507AD06  | ART. 507 A "T" MACHO 1/2M-1/2 RACOR                                                              | 3,47 €  |
| 81507LA06  | ART. 507 A "T" 3/8M-1/2 RACOR                                                                    | 4,91 €  |
| 81507LC06  | ART. 507 A "T" MACHO 3/4M-1/2 RACOR                                                              | 5,35 €  |
| 81507RC06  | ART. 507 A "T" 3/8M-24X1,5 RACOR                                                                 | 5,02 €  |
| 81507RD06  | ART. 507 A "T" MACHO 1/2M-24X1,5 RACOR                                                           | 6,20 €  |
| 81507RE06  | ART. 507 A "T" MACHO 3/4M-24X1,5 RACOR                                                           | 6,57 €  |
| 81508AD06  | ART. 508 A" T" HEMBRA 1/2F-1/2 RACOR                                                             | 4,10 €  |
| 81508LA06  | ART. 508 A" T" HEMBRA 3/8F -1/2 RACOR                                                            | 5,13 €  |
| 81508RC06  | ART. 508 A" T" HEMBRA 3/8F -24X1,5 RACOR                                                         | 5,13 €  |
| 81508RD06  | ART. 508 A" T" HEMBRA 1/2F-24X1,5 RACOR                                                          | 5,35 €  |
| 81508RE06  | ART. 508 A" T" HEMBRA 3/4F -24X1,5 RACOR                                                         | 5,83 €  |
| 81509AD06  | ART. 509 1/2 CRUZ                                                                                | 8,60 €  |
| 81509RA06  | ART. 509 24X1,5 CRUZ                                                                             | 8,97 €  |
| 81510AD06  | ART. 510 1/2-1/2 CODO PLACA HEMBRA                                                               | 5,28 €  |
| 81510RD06  | ART. 510 1/2-24X1,5 CODO PLACA HEMBRA                                                            | 6,09 €  |
| 81511AD06  | ART.511 CODO DE ENCASTRAR EN CAJA 1/2.                                                           | 4,91 €  |
| 81511RD06  | ART.511 CODO DE ENCASTRAR EN CAJA 24X1,5                                                         | 5,35 €  |
| 81513AD06  | ART. 513 RACOR CURVO A 100° 1/2-1/2 MH                                                           | 6,20 €  |
| 81514OO06  | ALARGADERA M-H 24X1,5 L=20 MM                                                                    | 5,02 €  |
| 81766AD06  | VALVULA RADIADOR INVERTIDA TERMOSTATICA 1/2 C/CONEXION PARA TUBO CROMADO 15mm                    | 23,95 € |
| 81767AD06  | VALVULA RADIADOR INVERTIDA TERMOSTATICA 1/2 C/PURGA DE AIRE Y CONEXION PARA TUBO CROMADO 15mm    | 25,61 € |
| 81856AD06  | ART.856 1/2-24X1,5 VALV. MONOTUBO MANUAL SIMPLE REGLAJE                                          | 22,32 € |
| 81856AE06  | ART.856 3/4-24X1,5 VALV. MONOTUBO SIMPLE REGLAJE                                                 | 33,32 € |
| 81856AF06  | ART.856 1" - 24X1,5 VALV. MONOTUBO MANUAL SIMPLE REGLAJE                                         | 33,32 € |
| 81866AD06  | VALVULA RADIADOR INVERTIDA TERMOSTATICA 1/2                                                      | 26,27 € |
| 81868AD06  | VALVULA TERMOSTATICA C/CURVA 90° Y RACOR DE CONEXION PARA TUBO CROMADO 15mm                      | 29,56 € |
| 81869AD06  | VALVULA RADIADOR INVERTIDA TERMOSTATICA 1/2 PARA ADAPTADORES DE 1/2                              | 16,86 € |
| 81870AD06  | ART.870 VALVULA ANGULO DOBLE TERMOSTATIZABLE 1/2                                                 | 24,91 € |
| 81875AD06  | ART.875 DISTRIBUIDOR PARA GRUPO MONOTUBO-BITUBO CON VIAS ORIENTABLES PARA SUELO O PARED          | 32,36 € |
| 81877AD06  | ART.877 DISTRIBUIDOR PARA GRUPO MONO-BITUBO, VIAS ORIENTABLES C/RACOR CONEXION SONDA EXTERNA 3/4 | 32,80 € |
| 81878AD06  | VALVULA RADIADOR TERMOSTATICA INVERTIDA ROSCAR 1/2                                               | 24,17 € |
| 81886AD06  | VALVULA MONOTUBO C/MANDO FRONTAL 1/2 OVALILLO 24X1,5                                             | 41,22 € |
| 81886AE06  | VALVULA MONOTUBO C/MANDO FRONTAL 3/4 OVALILLO 24X1,5                                             | 39,67 € |
| 81886AF06  | VALVULA MONOTUBO C/MANDO FRONTAL 1" OVALILLO 24X1,5                                              | 39,67 € |
| 81887AD06  | ART. 887 VALVULA MONOTUBO DE REGULACION MANUAL. INVERSION DE FLUJO.                              | 55,90 € |
| 81888AD06  | ART.888 VALV. MONOTUBO PANEL DOBLE REGLAJE                                                       | 55,09 € |
| 81891AD06  | VALVULA TERMOSTATICA MONOTUBO 1/2 P/ADAPTADORES DE 24X1,5                                        | 26,09 € |
| 81891AE06  | VALVULA TERMOSTATICA MONOTUBO 3/4 P/ADAPTADORES DE 24X1,5                                        | 35,57 € |
| 81894AD06  | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES 24X1,5                                 | 63,84 € |
| 81895AD06  | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES EUROCONO 3/4                           | 54,46 € |
| 82106AC07  | ROSETA SIMPLE CUBRETUBO PARA VALVULA RADIADOR CROMADO                                            | 4,02 €  |
| 82108AC07  | ROSETA SIMPLE PARA VALVULA RADIADOR CROMADO                                                      | 4,39 €  |
| 821099AC07 | CABEZAL TERMOSTATICO CROMADO 28X1,5 ART. 1099                                                    | 37,97 € |

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| 821100AC20  | CABEZAL TERMOSTATICO LIQUIDO 28X1.5 ART.1100                                                 | 15,98 €  |
| 821101AC20  | CABEZAL TERMOSTATICO LIQUIDO 30X1.5 ART.1101                                                 | 17,60 €  |
| 821128AD13  | VALVULA RADIADOR ESCUADRA SIMPLE REGLAJE ROSCAR 1/2 BLANCA                                   | 24,35 €  |
| 821129AD13  | VALVULA RADIADOR RECTAS SIMPLE REGLAJE ROSCAR 1/2 BLANCA                                     | 25,90 €  |
| 821130AC13  | ART. 1130 DETENTOR BLANCO A ESCUADRA 3/8 PARA BICONO 24X1,5                                  | 22,14 €  |
| 821130AD13  | ART. 1130 DETENTOR BLANCO A ESCUADRA 1/2 PARA BICONO 24X1,5                                  | 22,40 €  |
| 821131AC13  | ART. 1131 DETENTOR BLANCO RECTO 3/8 PARA BICONO 24X1,5                                       | 23,69 €  |
| 821131AD13  | ART. 1131 DETENTOR BLANCO RECTO 1/2 PARA BICONO 24X1,5                                       | 23,99 €  |
| 821132AD13  | ART. 1132 DETENTOR BLANCO A ESCUADRA 1/2 PARA HIERRO                                         | 23,87 €  |
| 821133AD13  | ART. 1133 DETENTOR BLANCO RECTO 1/2 PARA HIERRO                                              | 25,42 €  |
| 821141ACD06 | ART. 1141 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/BICONO 3/8 - 24X1,5 DERECHA                 | 20,37 €  |
| 821141ACS06 | ART. 1141 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/BICONO 3/8 - 24X1,5 IZQUIERDA               | 20,37 €  |
| 821141ADD06 | ART. 1141 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/BICONO 1/2 - 24X1,5 DERECHA                 | 33,73 €  |
| 821141ADS06 | ART. 1141 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/BICONO 1/2 - 24X1,5 IZQUIERDA               | 33,73 €  |
| 821142ACD06 | ART. 1142 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/HIERRO 3/8 DERECHA                          | 20,74 €  |
| 821142ACS06 | ART. 1142 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/HIERRO 3/8 IZQUIERDA                        | 20,74 €  |
| 821142ADD06 | ART. 1142 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/HIERRO 1/2 DERECHA                          | 23,14 €  |
| 821142ADS06 | ART. 1142 VALVULA TERMOSTATIZABLE DOBLE ANGULO P/HIERRO 1/2 IZQUIERDA                        | 23,14 €  |
| 821144ACD06 | DETENTOR CURVO ESCUADRA DERECHA OVALILLO 3/8 PARA ADAPTADORES 24X1,5                         | 17,93 €  |
| 821144ACS06 | DETENTOR CURVO ESCUADRA IZQUIERDO OVALILLO 3/8 PARA ADAPTADORES 24X1,5                       | 17,93 €  |
| 821144ADD06 | DETENTOR CURVO ESCUADRA DERECHA OVALILLO 1/2 PARA ADAPTADORES 24X1,5                         | 30,52 €  |
| 821144ADS06 | DETENTOR CURVO ESCUADRA IZQUIERDO OVALILLO 1/2 PARA ADAPTADORES 24X1,5                       | 25,94 €  |
| 821145ACD06 | DETENTOR CURVO ESCUADRA DERECHA ROSCAR 3/8                                                   | 19,00 €  |
| 821145ACS06 | DETENTOR CURVO ESCUADRA IZQUIERDO ROSCAR 3/8                                                 | 19,00 €  |
| 821145ADD06 | DETENTOR CURVO ESCUADRA DERECHA ROSCAR 1/2                                                   | 21,62 €  |
| 821145ADS06 | DETENTOR CURVO ESCUADRA IZQUIERDO ROSCAR 1/2                                                 | 21,62 €  |
| 821147ADD13 | DETENTOR CURVO ESCUADRA DERECHA OVALILLO BLANCO 1/2 PARA ADAPTADORES 24X1,5                  | 37,79 €  |
| 821147ADS13 | DETENTOR CURVO ESCUADRA IZQUIERDO OVALILLO BLANCO 1/2 PARA ADAPTADORES 24X1,5                | 37,79 €  |
| 82161GE06   | ART.161 1/2X15MM VALV. SOLDAR                                                                | 9,85 €   |
| 82162GE06   | ART.162 1/2X15 DETENT. SOLDAR                                                                | 8,75 €   |
| 82300AD05   | CONSULTAR PRECIO - ART. 300 VALVULA DE ZONA DE 2 VIAS 1/2".                                  |          |
| 82300AE05   | CONSULTAR PRECIO - ART. 300 VALVULA DE ZONA DE 2 VIAS 3/4"                                   |          |
| 82300AF05   | CONSULTAR PRECIO - ART. 300 VALVULA DE ZONA DE 2 VIAS 1"                                     |          |
| 82323AD05   | CONSULTAR PRECIO - ART. 323 VALV. MEZCLADORA 3 VIAS 1/2 CON SENSOR TERMOSTATICO A DISTANCIA. |          |
| 82323AE05   | CONSULTAR PRECIO - ART. 323 VALV. MEZCLADORA 3 VIAS 3/4 CON SENSOR TERMOSTATICO A DISTANCIA. |          |
| 82323AF05   | CONSULTAR PRECIO - ART. 323 VALV. MEZCLADORA 3 VIAS 1" CON SENSOR TERMOSTATICO A DISTANCIA.  |          |
| 82334AD05   | VALVULA DE ZONA BY-PASS DE 3 VIAS 1/2"                                                       | 60,41 €  |
| 82334AE05   | VALVULA DE ZONA BY-PASS DE 3 VIAS 3/4"                                                       | 59,89 €  |
| 82334AF05   | VALVULA DE ZONA BY-PASS DE 3 VIAS 1"                                                         | 135,61 € |
| 82334AG05   | VALVULA DE ZONA BY-PASS DE 3 VIAS 1 1/4"                                                     | 166,68 € |
| 82336AE05   | VALVULA DE ZONA DE 4 VIAS CON RACORES 3/4"                                                   | 121,55 € |
| 82336AF05   | VALVULA DE ZONA DE 4 VIAS CON RACORES 1"                                                     | 128,30 € |
| 82337BI53   | SERVOMOTOR CON CONTACTO AUXILIAR PARA VALVULA DE ESFERA                                      | 168,34 € |
| 82337BI54   | SERVOMOTOR CON RELE Y MICRO AUXILIAR, TEP. MAX 55° IP44 24V                                  | 186,23 € |
| 82341AD0553 | VALVULA DE ZONA DE BOLA 2VIAS C/SERVO Y MICRO M-H 1/2                                        | 175,46 € |
| 82341AE0553 | VALVULA DE ZONA DE BOLA 2VIAS C/SERVO Y MICRO M-H 3/4                                        | 176,49 € |
| 82341AF0553 | VALVULA DE ZONA DE BOLA 2VIAS C/SERVO Y MICRO M-H 1"                                         | 186,01 € |
| 82341AG0553 | VALVULA DE ZONA DE BOLA 2 VIAS C/SERVO Y MICRO M-H 11/4                                      | 213,91 € |
| 82342AD0553 | VALVULA DE ZONA DE BOLA 2VIAS C/SERVO Y MICRO M-M C/RACORES 1/2                              | 176,97 € |
| 82342AE0553 | VALVULA DE ZONA DE BOLA 2 VIAS C/SERVO Y MICRO M-M C/RACORES 3/4                             | 179,22 € |
| 82342AF0553 | VALVULA DE ZONA DE BOLA 2 VIAS C/SERVO Y MICRO M-M C/RACORES 1"                              | 208,49 € |
| 82342AG0553 | VALVULA DE ZONA DE BOLA 2VIAS C/SERVO Y MICRO M-M C/RACORES 11/4                             | 226,20 € |
| 82343AD0553 | VALVULA DE ZONA DE BOLA 3VIAS C/SERVO Y MICRO M-M-M C/RACORES 1/2                            | 190,26 € |
| 82343AE0553 | VALVULA DE ZONA DE BOLA 3VIAS C/SERVO Y MICRO M-M-M C/RACORES 3/4                            | 191,66 € |
| 82343AF0553 | VALVULA DE ZONA DE BOLA 3VIAS C/SERVO Y MICRO M-M-M C/RACORES 1"                             | 228,85 € |
| 82343AG0553 | VALVULA DE ZONA DE BOLA 3VIAS C/SERVO Y MICRO M-M-M C/RACORES 11/4                           | 266,05 € |
| 82344AD0553 | VALVULA DE ZONA DE BOLA 3VIAS C/BYPASS C/SERVO Y MICRO M-M-M C/RACORES 1/2                   | 199,41 € |
| 82344AE0553 | VALVULA DE ZONA DE BOLA 3VIAS C/BYPASS C/SERVO Y MICRO M-M-M C/RACORES 3/4                   | 211,84 € |
| 82344AF0553 | VALVULA DE ZONA DE BOLA 3VIAS C/BYPASS C/SERVO Y MICRO M-M-M C/RACORES 1"                    | 241,14 € |
| 82344AG0553 | VALVULA DE ZONA DE BOLA 3VIAS C/BYPASS C/SERVO Y MICRO M-M-M C/RACORES 11/4                  | 292,76 € |
| 82346AE0553 | VALVULA DE ZONA DE BOLA 4VIAS C/SERVO Y MICRO M-M-M-M C/RACORES 3/4                          | 261,10 € |
| 82346AF0553 | VALVULA DE ZONA DE BOLA 4VIAS C/SERVO Y MICRO M-M-M-M C/RACORES 1"                           | 267,86 € |
| 82707AC06   | ART.707 3/8" PURGA. AUTO.COLUMNA MEDIO.CROMADO.                                              | 12,80 €  |
| 82707AD05   | ART.707 1/2" PURGA. AUTO.COLUMNA MEDIO.LATON                                                 | 12,51 €  |
| 82707AD06   | ART.707 1/2" PURGA. AUTO.COLUMNA MEDIO.CROMADO.                                              | 13,03 €  |
| 82707AE05   | ART.707 3/4" PURGA. AUTO.COLUMNA MEDIO.LATON                                                 | 14,76 €  |
| 82707AE06   | ART.707 3/4" PURGA. AUTO.COLUMNA MEDIO.CROMADO.                                              | 15,28 €  |
| 82708AC05   | ART.708 3/8" PURGA. AUTO.COLUMNA GRANDE.LATON.                                               | 15,02 €  |
| 82708AC06   | ART.708 3/8" PURGA. AUTO.COLUMNA GRANDE.CROMADO.                                             | 15,50 €  |
| 82708AD05   | ART.708 1/2" PURGA. AUTO.COLUMNA GRANDE.LATON.                                               | 13,80 €  |
| 82708AD06   | ART.708 1/2" PURGA. AUTO.COLUMNA GRANDE.CROMADO.                                             | 16,49 €  |
| 82709AC05   | ART.709 3/8" PURGA. AUTO.COLUMNA PEQUEÑO.LATON.                                              | 12,03 €  |
| 82709AC06   | ART.709 3/8" PURGA. AUTO.COLUMNA PEQUEÑO.CROMADO.                                            | 12,66 €  |
| 82709AD05   | ART.709 1/2" PURGA. AUTO.COLUMNA PEQUEÑO.LATON.                                              | 12,29 €  |
| 82709AD06   | ART.709 1/2" PURGA. AUTO.COLUMNA PEQUEÑO.CROMADO.                                            | 12,99 €  |
| 82710AC05   | ART.710 3/8" VALV. RETENCION PARA 707,708,709 LATON.                                         | 3,73 €   |
| 82710AC06   | ART.710 3/8" VALV. RETENCION PARA 707,708,709 CROMADO.                                       | 4,02 €   |
| 82710AD05   | ART.710 1/2" VALV. RETENCION PARA 707,708,709 LATON.                                         | 3,95 €   |
| 82710AD06   | ART.710 1/2" VALV. RETENCION PARA 707,708,709 CROMADO.                                       | 4,46 €   |
| 82711AD06   | ART. 711 VALV. DE DESCARGA.ROSCA 1/2".JUNTA TORICA.                                          | 3,51 €   |
| 82715AC06   | ART.715 3/8" PURGADOR AUTOMATICO RADIADOR.A ESCUARDA.                                        | 12,73 €  |
| 82715AD06   | ART.715 1/2" PURGADOR AUTOMATICO RADIADOR.A ESCUARDA.                                        | 14,21 €  |
| 82715AE06   | ART.715 3/4" PURGADOR AUTOMATICO RADIADOR.A ESCUARDA.                                        | 13,36 €  |

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| 82719AC05 | ART. 719 3/8 PURGADOR AUTOMATICO DE COLUMNA.DESCARGA DEL AIRE LATERAL.LATON                            | 13,03 €  |
| 82719AC06 | ART. 719 3/8 PURGADOR AUTOMATICO DE COLUMNA.DESCARGA DEL AIRE LATERAL.CROMADO                          | 14,10 €  |
| 82719AD05 | ART. 719 1/2 PURGADOR AUTOMATICO DE COLUMNA.DESCARGA DEL AIRE LATERAL.LATON                            | 13,43 €  |
| 82719AD06 | ART. 719 1/2 PURGADOR AUTOMATICO DE COLUMNA.DESCARGA DEL AIRE LATERAL.CROMADO. -                       | 14,43 €  |
| 82720CH06 | ART.720 3/8"x1CM EXCENTRICO RADIADOR                                                                   | 6,13 €   |
| 82720CI06 | ART.720 3/8"x2CM EXCENTRICO RADIADOR                                                                   | 7,68 €   |
| 82720CL06 | ART.720 3/8"x3CM EXCENTRICO RADIADOR                                                                   | 8,45 €   |
| 82720CM06 | ART.720 3/8"x4CM EXCENTRICO RADIADOR                                                                   | 9,56 €   |
| 82720CN06 | ART.720 3/8"x5CM EXCENTRICO RADIADOR                                                                   | 10,63 €  |
| 82720CO06 | ART.720 3/8"x6CM EXCENTRICO RADIADOR                                                                   | 11,70 €  |
| 82720CP06 | ART.720 1/2X1CM EXCENTRICO RADIADOR                                                                    | 6,35 €   |
| 82720CQ06 | ART.720 1/2"x2CM EXCENTRICO RADIADOR                                                                   | 7,71 €   |
| 82720CR06 | ART.720 1/2"x3CM EXCENTRICO RADIADOR                                                                   | 8,86 €   |
| 82720CS06 | ART.720 1/2"x4CM EXCENTRICO RADIADOR                                                                   | 9,85 €   |
| 82720CT06 | ART.720 1/2"x5CM EXCENTRICO RADIADOR                                                                   | 10,63 €  |
| 82720CU06 | ART.720 1/2"x6CM EXCENTRICO RADIADOR                                                                   | 11,70 €  |
| 82720CV06 | ART.720 3/4"x5CM EXCENTRICO RADIADOR                                                                   | 25,79 €  |
| 82740AE05 | DESAIREADOR ALTO CAUDAL H-H 3/4"                                                                       | 88,45 €  |
| 82740AF05 | DESAIREADOR ALTO CAUDAL H-H 1"                                                                         | 111,81 € |
| 82740AG05 | DESAIREADOR ALTO CAUDAL H-H 1 1/4                                                                      | 271,29 € |
| 82740AH05 | DESAIREADOR ALTO CAUDAL H-H 1 1/2                                                                      | 317,19 € |
| 82744AD05 | IMAN MAGNETICO PARA DESFANGADORES ART.746 Y 745                                                        | 45,87 €  |
| 82745AE05 | SEPARADOR DE LODOS H-H 3/4"                                                                            | 100,33 € |
| 82745AF05 | SEPARADOR DE LODOS H-H 1"                                                                              | 91,03 €  |
| 82745AG05 | SEPARADOR DE LODOS H-H 1 1/4                                                                           | 171,51 € |
| 82745AH05 | SEPARADOR DE LODOS H-H 1 1/2                                                                           | 183,17 € |
| 82746AE05 | SEPARADOR DE LODOS MAGNETICO H-H 3/4"                                                                  | 130,07 € |
| 82746AF05 | SEPARADOR DE LODOS MAGNETICO H-H 1"                                                                    | 161,70 € |
| 82746AG05 | SEPARADOR DE LODOS MAGNETICO H-H 1 1/4                                                                 | 253,06 € |
| 82746AH05 | SEPARADOR DE LODOS MAGNETICO H-H 1 1/2                                                                 | 256,46 € |
| 82770AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                        | 13,51 €  |
| 82770AD06 | VALVULA RADIADOR TERMOSTATICA 28Z1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                        | 15,24 €  |
| 82771AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5                           | 14,35 €  |
| 82771AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                           | 16,46 €  |
| 82772AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                           | 13,51 €  |
| 82772AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                           | 15,24 €  |
| 82773AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                              | 14,35 €  |
| 82773AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 1/2                              | 16,46 €  |
| 82774AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/8                                               | 11,84 €  |
| 82774AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 1/2                                               | 16,13 €  |
| 82774AE06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/4                                               | 17,20 €  |
| 82775AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/8                                                  | 14,69 €  |
| 82775AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 1/2                                                  | 17,82 €  |
| 82775AE06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/4                                                  | 21,14 €  |
| 82776AC06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                        | 15,35 €  |
| 82776AD06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                        | 17,12 €  |
| 82777AC06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5                           | 16,24 €  |
| 82777AD06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                           | 18,27 €  |
| 82778AC06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 ESCUADRA ROSCAR 3/8                                               | 15,17 €  |
| 82778AD06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 ESCUADRA ROSCAR 1/2                                               | 17,08 €  |
| 82778AE06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 ESCUADRA ROSCAR 3/4                                               | 19,08 €  |
| 82779AC06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 RECTA ROSCAR 3/8                                                  | 15,83 €  |
| 82779AD06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 RECTA ROSCAR 1/2                                                  | 17,82 €  |
| 82779AE06 | VALVULA RADIADOR TERMOSTATICA 30X1,5 RECTA ROSCAR 3/4                                                  | 19,89 €  |
| 82795AD05 | THERMOSTATIC INSERT WITH PRE-SETTING 1/2" FOR STEEL PANELS. M30X1,5 THERMOSTATIC HEAD CONNECTION. 1/2" | 16,75 €  |
| 82802AC06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/8                                                            | 8,75 €   |
| 82802AD06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 1/2                                                            | 9,48 €   |
| 82802AE06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/4                                                            | 14,32 €  |
| 82803AC06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/8                                                            | 8,86 €   |
| 82803AD06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 1/2                                                            | 10,18 €  |
| 82803AE06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/4                                                            | 14,24 €  |
| 82804AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                        | 7,82 €   |
| 82804AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                     | 8,30 €   |
| 82804ADAD | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                        | 8,30 €   |
| 82805AC06 | DETENTOR RADIADOR SIMPLE ESCUADRA ROSCAR 3/8                                                           | 9,30 €   |
| 82805AD06 | DETENTOR RADIADOR SIMPLE ESCUADRA ROSCAR 1/2                                                           | 8,34 €   |
| 82805AE06 | DETENTOR RADIADOR SIMPLE ESCUADRA ROSCAR 3/4                                                           | 14,43 €  |
| 82812AC06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/8                                                               | 9,63 €   |
| 82812AD06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 1/2                                                               | 10,33 €  |
| 82812AE06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/4                                                               | 16,35 €  |
| 82813AC06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/8                                                               | 9,45 €   |
| 82813AD06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 1/2                                                               | 10,26 €  |
| 82813AE06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/4                                                               | 16,24 €  |
| 82814AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                                           | 8,52 €   |
| 82814AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                        | 9,34 €   |
| 82815AC06 | DETENTOR RADIADOR SIMPLE RECTO ROSCAR 3/8                                                              | 8,34 €   |
| 82815AD06 | DETENTOR RADIADOR SIMPLE RECTO ROSCAR 1/2                                                              | 11,29 €  |
| 82826AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                        | 7,60 €   |
| 82826AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 34x1,5                                     | 8,23 €   |
| 82827AC06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                       | 7,34 €   |
| 82827AD06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                    | 7,82 €   |
| 82827ADAD | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                       | 7,82 €   |
| 82828AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                                           | 8,67 €   |

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| 82828AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                               | 9,45 €  |
| 82829AC06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 3/8 P/ADAPTADORES 1/2                                                 | 7,60 €  |
| 82829AD06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 1/2 P/ADAPTADORES 24X1,5                                              | 10,81 € |
| 82830AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES EUROCONUS 3/4                                        | 8,19 €  |
| 82831AD06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 1/2 P/ADAPTADORES EUROCONUS 3/4                                       | 8,93 €  |
| 82832AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                                                  | 9,96 €  |
| 82832AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 1/2                                                  | 10,66 € |
| 82833AC06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 3/8 P/ADAPTADORES 1/2                                                 | 8,63 €  |
| 82833AD06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 1/2 P/ADAPTADORES 1/2                                                 | 9,45 €  |
| 82834AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 24x1,5                                               | 9,96 €  |
| 82834AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 24x1,5                                               | 10,66 € |
| 82835AC06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 3/8 P/ADAPTADORES 24x1,5                                              | 8,63 €  |
| 82835AD06 | DETENTOR RADIADOR SIMPLE RECTO OVALILLO 1/2 P/ADAPTADORES 24x1,5                                              | 9,45 €  |
| 82836AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                               | 10,44 € |
| 82836AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                               | 9,56 €  |
| 82837AC06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                              | 7,86 €  |
| 82837AD06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                              | 8,56 €  |
| 82838AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24x1,5                                            | 10,89 € |
| 82838AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24x1,5                                            | 12,10 € |
| 82839AC06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24x1,5                                           | 8,56 €  |
| 82839AD06 | DETENTOR RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24x1,5                                           | 9,00 €  |
| 82840AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5 (requiere adap. para cabezal) | 12,84 € |
| 82840AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5 (requiere adap. para cabezal) | 13,25 € |
| 82841AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5 (requiere adap. para cabezal)    | 14,69 € |
| 82841AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5 (requiere adap. para cabezal)    | 16,72 € |
| 82842AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2 (requiere adap. para cabezal)    | 13,43 € |
| 82842AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 (requiere adap. para cabezal)                      | 15,13 € |
| 82843AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 1/2 (requiere adap. para cabezal)       | 14,69 € |
| 82843AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 (requiere adap. para cabezal)                         | 16,72 € |
| 82844AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/8 (requiere adap. para cabezal)                        | 12,14 € |
| 82844AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 1/2 (requiere adap. para cabezal)                        | 14,24 € |
| 82844AE06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/4 (requiere adap. para cabezal)                        | 21,55 € |
| 82845AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/8 (requiere adap. para cabezal)                           | 15,24 € |
| 82845AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 1/2 (requiere adap. para cabezal)                           | 18,23 € |
| 82845AE06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/4 (requiere adap. para cabezal)                           | 24,02 € |
| 82846AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                            | 12,32 € |
| 82846AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                            | 13,87 € |
| 82847AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                               | 12,32 € |
| 82847AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                               | 13,87 € |
| 82848AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                               | 13,80 € |
| 82848AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                               | 15,39 € |
| 82849AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                                                  | 13,80 € |
| 82849AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 1/2                                                  | 15,39 € |
| 82850AC06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/8                                                                   | 13,25 € |
| 82850AD06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 1/2                                                                   | 15,65 € |
| 82850AE06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/4                                                                   | 24,28 € |
| 82851AC06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/8                                                                      | 14,76 € |
| 82851AD06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 1/2                                                                      | 17,12 € |
| 82851AE06 | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/4                                                                      | 24,17 € |
| 82852AC06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 3/4 (requiere adap. para cabezal)    | 14,17 € |
| 82852AD06 | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 3/4 (requiere adap. para cabezal)    | 15,13 € |
| 82854AC06 | DETENTOR RADIADOR ESCUADRA OVALILLO 3/8 P/ADAPTADORES 3/4                                                     | 8,34 €  |
| 82854AD06 | DETENTOR RADIADOR ESCUADRA OVALILLO 1/2 P/ADAPTADORES 3/4                                                     | 8,93 €  |
| 82855AC06 | DETENTOR RADIADOR RECTO OVALILLO 3/8 P/ADAPTADORES 3/4                                                        | 8,97 €  |
| 82855AD06 | DETENTOR RADIADOR RECTO OVALILLO 1/2 P/ADAPTADORES 3/4                                                        | 9,63 €  |
| 82892AD06 | VALVULA BITUBO TERMOSTATIZABLE 28X1,5 C/REGULACION 1/2 P/ADAPTADORES 24X1,5                                   | 29,93 € |
| 82892ADAD | VALVULA BITUBO TERMOSTATIZABLE 28X1,5 C/REGULACION 3/4 P/ADAPTADORES 24X1,5                                   | 36,31 € |
| 82892AE06 | VALVULA BITUBO TERMOSTATIZABLE 28X1,5 C/REGULACION 1/2 P/ADAPTADORES 3/4                                      | 36,53 € |
| 82921AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                            | 12,99 € |
| 82921AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                            | 14,58 € |
| 82922AC06 | DETENTOR RADIADOR ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                                  | 12,07 € |
| 82922AD06 | DETENTOR RADIADOR ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                                  | 13,69 € |
| 82923AD13 | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES 24X1,5 BLANCA                                       | 53,73 € |
| 82924AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5                                               | 14,46 € |
| 82924AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5                                               | 16,13 € |
| 82925AC06 | DETENTOR RADIADOR RECTO OVALILLO 3/8 P/ADAPTADORES 24x1,5                                                     | 13,62 € |
| 82925AD06 | DETENTOR RADIADOR RECTO OVALILLO 1/2 P/ADAPTADORES 24x1,5                                                     | 15,20 € |
| 82938AD07 | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES 24X1,5 CROMADA                                      | 63,73 € |
| 82940AC06 | BOQUILLA C/JUNTA 3/8                                                                                          | 4,17 €  |
| 82940AD06 | BOQUILLA C/JUNTA 1/2                                                                                          | 6,86 €  |
| 82941AC06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                               | 12,99 € |
| 82941AD06 | VALVULA RADIADOR SIMPLE ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                               | 14,58 € |
| 82942AC06 | DETENTOR RADIADOR ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2                                                     | 12,07 € |
| 82942AD06 | DETENTOR RADIADOR ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2                                                     | 13,69 € |
| 82943AD13 | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES 3/4 BLANCA                                          | 55,39 € |
| 82944AC06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                                                  | 14,46 € |
| 82944AD06 | VALVULA RADIADOR SIMPLE RECTA OVALILLO 1/2 P/ADAPTADORES 1/2                                                  | 16,13 € |
| 82945AC06 | DETENTOR RADIADOR RECTO OVALILLO 3/8 P/ADAPTADORES 1/2                                                        | 13,62 € |
| 82945AD06 | DETENTOR RADIADOR RECTO OVALILLO 1/2 P/ADAPTADORES 1/2                                                        | 15,20 € |
| 82951AC06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/8                                                                   | 13,91 € |
| 82951AD06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 1/2                                                                   | 13,36 € |
| 82951AE06 | VALVULA RADIADOR SIMPLE ESCUADRA ROSCAR 3/4                                                                   | 25,50 € |
| 82952AC06 | DETENTOR RADIADOR ESCUADRA ROSCAR 3/8                                                                         | 12,99 € |

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| 82952AD06      | DETENTOR RADIADOR ESCUADRA ROSCAR 1/2                                                      | 13,76 €  |
| 82952AE06      | DETENTOR RADIADOR ESCUADRA ROSCAR 3/4                                                      | 21,73 €  |
| 82954AC06      | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/8                                                   | 15,46 €  |
| 82954AD06      | VALVULA RADIADOR SIMPLE RECTA ROSCAR 1/2                                                   | 17,97 €  |
| 82954AE06      | VALVULA RADIADOR SIMPLE RECTA ROSCAR 3/4                                                   | 25,42 €  |
| 82955AC06      | DETENTOR RADIADOR RECTO ROSCAR 3/8                                                         | 14,50 €  |
| 82955AD06      | DETENTOR RADIADOR RECTO ROSCAR 1/2                                                         | 15,17 €  |
| 82955AE06      | DETENTOR RADIADOR RECTO ROSCAR 3/4                                                         | 22,84 €  |
| 82966AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 3/4               | 16,31 €  |
| 82967AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 3/4                  | 17,56 €  |
| 82968AD07      | VALVULA MONOTUBO/BITUBO CON GIRO A 360° 1/2 P/ADAPTADORES 3/4 CROMADA                      | 55,39 €  |
| 82970AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 24X1,5            | 14,10 €  |
| 82970AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 24X1,5            | 16,31 €  |
| 82971AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 24X1,5               | 15,39 €  |
| 82971AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 24X1,5               | 17,56 €  |
| 82972AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 3/8 P/ADAPTADORES 1/2               | 14,10 €  |
| 82972AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA OVALILLO 1/2 P/ADAPTADORES 1/2               | 16,31 €  |
| 82973AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 3/8 P/ADAPTADORES 1/2                  | 15,39 €  |
| 82973AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA OVALILLO 1/2 P/ADAPTADORES 1/2                  | 17,56 €  |
| 82974AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/8                                   | 14,35 €  |
| 82974AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 1/2                                   | 16,86 €  |
| 82974AE06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 ESCUADRA ROSCAR 3/4                                   | 22,62 €  |
| 82975AC06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/8                                      | 16,05 €  |
| 82975AD06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 1/2                                      | 19,11 €  |
| 82975AE06      | VALVULA RADIADOR TERMOSTATICA 28X1,5 RECTA ROSCAR 3/4                                      | 25,20 €  |
| 82995AC20      | CABEZAL TERMOSTATICA CON SENSOR A DISTANCIA M30X1.5 REG 20-50° BULBO 63mm                  | 51,81 €  |
| 82997AC20      | CABEZAL TERMOSTATICA CON SENSOR A DISTANCIA M30X1.5 REG 60-90° BULBO 132mm                 | 51,81 €  |
| 82999AC20      | ART.999 PROTECTOR ANTIRROBO PARA CABEZAL TERMOSTATICO                                      | 4,10 €   |
| 82KITAAC061100 | THERMOSTATIC KIT. 1100+840+839 1/2"                                                        | 34,21 €  |
| 82KITAAD061100 | THERMOSTATIC KIT. 1100+840+839 3/8"                                                        | 35,98 €  |
| 82KITBAC061100 | THERMOSTATIC KIT. 1100+842+837 1/2"                                                        | 35,98 €  |
| 82KITBAD061100 | THERMOSTATIC KIT. 1100+842+837 3/8"                                                        | 34,21 €  |
| 82KITCAC061100 | THERMOSTATIC KIT. 1100+841+835 1/2"                                                        | 39,70 €  |
| 82KITCAD061100 | THERMOSTATIC KIT. 1100+841+835 3/8"                                                        | 37,93 €  |
| 82KITDAC061100 | THERMOSTATIC KIT. 1100+843+833 1/2"                                                        | 39,70 €  |
| 82KITDAD061100 | THERMOSTATIC KIT. 1100+843+833 3/8"                                                        | 37,93 €  |
| 82KITEAC061100 | THERMOSTATIC KIT. 1100+844+952 3/8"                                                        | 35,68 €  |
| 82KITEAD061100 | THERMOSTATIC KIT. 1100+844+952 1/2"                                                        | 37,38 €  |
| 82KITEAE061100 | THERMOSTATIC KIT. 1100+844+952 3/4"                                                        | 43,98 €  |
| 82KITFAC061100 | THERMOSTATIC KIT. 1100+845+955 3/8"                                                        | 42,21 €  |
| 82KITFAD061100 | THERMOSTATIC KIT. 1100+845+955 1/2"                                                        | 43,54 €  |
| 82KITFAE061100 | THERMOSTATIC KIT. 1100+845+955 3/4"                                                        | 50,70 €  |
| 83050AB05      | FILTRO Y 1/4                                                                               | 11,44 €  |
| 83050AB05200   | FILTRO Y 1/4 200µ                                                                          | 14,24 €  |
| 83050AC05      | FILTRO Y 3/8                                                                               | 11,44 €  |
| 83050AC05200   | FILTRO Y 3/8 200µ                                                                          | 14,24 €  |
| 83050AD05      | FILTRO Y 1/2"                                                                              | 10,96 €  |
| 83050AD05200   | FILTRO Y 1/2 200µ                                                                          | 14,02 €  |
| 83050AE05      | FILTRO Y 3/4                                                                               | 15,35 €  |
| 83050AE05200   | FILTRO Y 3/4 200µ                                                                          | 21,84 €  |
| 83050AF05      | FILTRO Y 1"                                                                                | 27,08 €  |
| 83050AF05200   | FILTRO Y 1" 200µ                                                                           | 33,65 €  |
| 83050AG05      | FILTRO Y 1 1/4                                                                             | 38,82 €  |
| 83050AH05      | FILTRO Y 1 1/2                                                                             | 48,41 €  |
| 83050AJ05      | FILTRO Y 2"                                                                                | 80,63 €  |
| 83050AK05      | FILTRO Y 2 1/2                                                                             | 143,98 € |
| 83050AL05      | FILTRO Y 3"                                                                                | 203,47 € |
| 83050AN05      | FILTRO Y 4"                                                                                | 654,53 € |
| 83053AD05      | VALVULA ANTI-RETORNO 1/2                                                                   | 12,66 €  |
| 83053AE05      | VALVULA ANTI-RETORNO 3/4                                                                   | 21,88 €  |
| 83053AF05      | VALVULA ANTI-RETORNO 1"                                                                    | 30,37 €  |
| 83053AG05      | VALVULA ANTI-RETORNO 1 1/4"                                                                | 38,63 €  |
| 83053AH05      | VALVULA ANTI-RETORNO 1 1/2                                                                 | 51,73 €  |
| 83053AJ05      | VALVULA ANTI-RETORNO 2"                                                                    | 80,52 €  |
| 83053AK05      | VALVULA ANTI-RETORNO 2 1/2                                                                 | 163,17 € |
| 83053AL05      | VALVULA ANTI-RETORNO 3"                                                                    | 237,93 € |
| 83053AN05      | VALVULA ANTI-RETORNO 4"                                                                    | 243,58 € |
| 83750AD05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1/2 HH O 3/4 MM C/MANOMETRO       | 94,76 €  |
| 83750AE05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 3/4 HH O 1" MM C/MANOMETRO        | 100,81 € |
| 83750AF05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1" HH O 1 1/4 MM C/MANOMETRO      | 126,42 € |
| 83750AG05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1 1/4 HH O 1 1/2 MM C/MANOMETRO   | 158,60 € |
| 83750AH05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1 1/2 H-H C/MANOMETRO             | 199,22 € |
| 83750AJ05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 2" H-H C/MANOMETRO                | 226,64 € |
| 83751AD05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1/2 C/RACORES MACHO Y MANOMETRO   | 97,82 €  |
| 83751AE05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 3/4 C/RACORES MACHO Y MANOMETRO   | 103,84 € |
| 83751AF05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1" C/RACORES MACHO Y MANOMETRO    | 130,92 € |
| 83751AG05      | FILTRO AUTOLIMPIANTE CON CARTUCHO EN INOX INTERCAMBIABLE 1 1/4 C/RACORES MACHO Y MANOMETRO | 161,99 € |
| 83752AD01      | ART. 752 CARTUCHO DE RECAMBIO PARA FILTROS 750 Y 751 PARA 1/2-3/4                          | 6,86 €   |
| 83752AF01      | ART. 752 CARTUCHO DE RECAMBIO PARA FILTROS 750 Y 751 PARA 1-1 1/4                          | 8,27 €   |
| 83752AH01      | ART. 752 CARTUCHO DE RECAMBIO PARA FILTROS 750 Y 751 PARA 1 1/2-2                          | 14,46 €  |
| 85808AC05      | RACOR 3P CURVO M-H 3/8 C/JUNTA TORICA LATON                                                | 5,57 €   |
| 85808AC06      | RACOR 3P CURVO M-H 3/8 C/JUNTA TORICA LATON CROMADO                                        | 5,98 €   |
| 85808AD05      | RACOR 3P CURVO M-H 1/2 C/JUNTA TORICA LATON                                                | 5,98 €   |



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| 85808AD06  | RACOR 3P CURVO M-H 1/2 C/JUNTA TORICA LATON CROMADO                                                                            | 6,49 €   |
| 85808AE05  | RACOR 3P CURVO M-H 3/4 C/JUNTA TORICA LATON                                                                                    | 9,82 €   |
| 85808AE06  | RACOR 3P CURVO M-H 3/4 C/JUNTA TORICA LATON CROMADO                                                                            | 10,59 €  |
| 85808AF05  | RACOR 3P CURVO M-H 1" C/JUNTA TORICA LATON                                                                                     | 15,46 €  |
| 85808AF06  | RACOR 3P CURVO M-H 1" C/JUNTA TORICA LATON CROMADO                                                                             | 16,86 €  |
| 85808AG05  | RACOR 3P CURVO M-H 1 1/4 C/JUNTA TORICA LATON                                                                                  | 29,85 €  |
| 85808AG06  | RACOR 3P CURVO M-H 1 1/4 C/JUNTA TORICA LATON CROMADO                                                                          | 30,70 €  |
| 85808AH05  | RACOR 3P CURVO M-H 1 1/2 C/JUNTA TORICA LATON                                                                                  | 49,15 €  |
| 85808AH06  | RACOR 3P CURVO M-H 1 1/2 C/JUNTA TORICA LATON CROMADO                                                                          | 54,02 €  |
| 85808AJ05  | RACOR 3P CURVO M-H 2" C/JUNTA TORICA LATON                                                                                     | 102,55 € |
| 85808AJ06  | RACOR 3P CURVO M-H 2" C/JUNTA TORICA LATON CROMADO                                                                             | 112,84 € |
| 85818AC05  | RACOR 3P RECTO M-H 3/8 C/JUNTA TORICA LATON                                                                                    | 4,28 €   |
| 85818AC06  | RACOR 3P RECTO M-H 3/8 C/JUNTA TORICA LATON CROMADO                                                                            | 4,69 €   |
| 85818AD05  | RACOR 3P RECTO M-H 1/2 C/JUNTA TORICA LATON                                                                                    | 4,83 €   |
| 85818AD06  | RACOR 3P RECTO M-H 1/2 C/JUNTA TORICA LATON CROMADO                                                                            | 5,17 €   |
| 85818AE05  | RACOR 3P RECTO M-H 3/4 C/JUNTA TORICA LATON                                                                                    | 7,82 €   |
| 85818AE06  | RACOR 3P RECTO M-H 3/4 C/JUNTA TORICA LATON CROMADO                                                                            | 8,56 €   |
| 85818AF05  | RACOR 3P RECTO M-H 1" C/JUNTA TORICA LATON                                                                                     | 13,03 €  |
| 85818AF06  | RACOR 3P RECTO M-H 1" C/JUNTA TORICA LATON CROMADO                                                                             | 14,17 €  |
| 85818AG05  | RACOR 3P RECTO M-H 1 1/4 C/JUNTA TORICA LATON                                                                                  | 21,14 €  |
| 85818AG06  | RACOR 3P RECTO M-H 1 1/4 C/JUNTA TORICA LATON CROMADO                                                                          | 21,96 €  |
| 85818AH05  | RACOR 3P RECTO M-H 1 1/2 C/JUNTA TORICA LATON                                                                                  | 36,35 €  |
| 85818AH06  | RACOR 3P RECTO M-H 1 1/2 C/JUNTA TORICA LATON CROMADO                                                                          | 39,89 €  |
| 85818AJ05  | RACOR 3P RECTO M-H 2 3/4 C/JUNTA TORICA LATON                                                                                  | 57,20 €  |
| 85818AJ06  | RACOR 3P RECTO M-H 2" C/JUNTA TORICA LATON CROMADO                                                                             | 62,95 €  |
| 871102DG05 | COLECTOR SIMPLE BARRA 2 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 23,95 €  |
| 871102DH05 | COLECTOR SIMPLE BARRA 3 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 35,87 €  |
| 871102DJ05 | COLECTOR SIMPLE BARRA 4 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 47,71 €  |
| 871102DK05 | COLECTOR SIMPLE BARRA 6 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 71,18 €  |
| 871102DL05 | COLECTOR SIMPLE BARRA 8 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 95,35 €  |
| 871102DM05 | COLECTOR SIMPLE BARRA 10 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 119,08 € |
| 871102DQ05 | COLECTOR SIMPLE BARRA 5 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 60,07 €  |
| 871102DR05 | COLECTOR SIMPLE BARRA 7 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 83,54 €  |
| 871102DS05 | COLECTOR SIMPLE BARRA 9 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                   | 107,01 € |
| 871102DT05 | COLECTOR SIMPLE BARRA 11 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 132,18 € |
| 871102DU05 | COLECTOR SIMPLE BARRA 12 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 144,17 € |
| 871102DV05 | COLECTOR SIMPLE BARRA 13 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 156,20 € |
| 871102DW05 | COLECTOR SIMPLE BARRA 14 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 168,23 € |
| 871102DY05 | COLECTOR SIMPLE BARRA 15 VIAS ENTRADA 1 1/4 H C/SALIDAS 1/2 H                                                                  | 180,26 € |
| 871102PA05 | COLECTOR SIMPLE BARRA 2 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 16,86 €  |
| 871102PB05 | COLECTOR SIMPLE BARRA 3 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 25,06 €  |
| 871102PC05 | COLECTOR SIMPLE BARRA 4 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 33,28 €  |
| 871102PD05 | COLECTOR SIMPLE BARRA 6 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 49,78 €  |
| 871102PE05 | COLECTOR SIMPLE BARRA 8 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 66,64 €  |
| 871102PF05 | COLECTOR SIMPLE BARRA 10 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                    | 81,99 €  |
| 871102PG05 | COLECTOR SIMPLE BARRA 2 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 19,19 €  |
| 871102PH05 | COLECTOR SIMPLE BARRA 3 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 28,71 €  |
| 871102PJ05 | COLECTOR SIMPLE BARRA 4 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 39,93 €  |
| 871102PK05 | COLECTOR SIMPLE BARRA 6 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 55,20 €  |
| 871102PL05 | COLECTOR SIMPLE BARRA 8 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 73,91 €  |
| 871102PM05 | COLECTOR SIMPLE BARRA 10 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 95,28 €  |
| 871102PN05 | COLECTOR SIMPLE BARRA 5 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 41,33 €  |
| 871102PO05 | COLECTOR SIMPLE BARRA 7 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 57,79 €  |
| 871102PP05 | COLECTOR SIMPLE BARRA 9 VIAS ENTRADA 3/4 H C/SALIDAS 1/2 H                                                                     | 74,21 €  |
| 871102PQ05 | COLECTOR SIMPLE BARRA 5 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 47,60 €  |
| 871102PR05 | COLECTOR SIMPLE BARRA 7 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 66,83 €  |
| 871102PS05 | COLECTOR SIMPLE BARRA 9 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                      | 85,57 €  |
| 871102PT05 | COLECTOR SIMPLE BARRA 11 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 105,72 € |
| 871102PU05 | COLECTOR SIMPLE BARRA 12 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 115,39 € |
| 871102PV05 | COLECTOR SIMPLE BARRA 13 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 125,53 € |
| 871102PW05 | COLECTOR SIMPLE BARRA 14 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 135,16 € |
| 871102PY05 | COLECTOR SIMPLE BARRA 15 VIAS ENTRADA 1" H C/SALIDAS 1/2 H                                                                     | 144,87 € |
| 871103PG06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X2                                                                                  | 21,92 €  |
| 871103PH06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X3                                                                                  | 29,34 €  |
| 871103PJ06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X4                                                                                  | 35,87 €  |
| 871103PK06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X6                                                                                  | 49,52 €  |
| 871103PL06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X8                                                                                  | 64,13 €  |
| 871103PM06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X10                                                                                 | 78,60 €  |
| 871103PQ06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X5                                                                                  | 42,14 €  |
| 871103PR06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X7                                                                                  | 56,90 €  |
| 871103PS06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X9                                                                                  | 71,25 €  |
| 871103PT06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X11                                                                                 | 86,20 €  |
| 871103PU06 | ART.1103 COLECTOR SIMPLE DE DISTRIBUCION 1"X12                                                                                 | 94,91 €  |
| 871103PV06 | SINGLE DISTRIBUTION MANIFOLD. 1" X 13                                                                                          | 103,87 € |
| 871103PW06 | SINGLE DISTRIBUTION MANIFOLD. 1" X 14                                                                                          | 114,17 € |
| 871103PY06 | SINGLE DISTRIBUTION MANIFOLD. 1" X 15                                                                                          | 125,94 € |
| 871104PG06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X2 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 29,34 €  |
| 871104PH06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X3 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 43,21 €  |
| 871104PJ06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X4 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 56,27 €  |
| 871104PK06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X6 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 83,06 €  |
| 871104PL06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X8 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 110,66 € |
| 871104PM06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X10 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM | 138,08 € |
| 871104PQ06 | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X5 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 69,15 €  |

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| 871104PR06  | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X7 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 96,75 €  |
| 871104PS06  | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X9 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM  | 124,17 € |
| 871104PT06  | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X11 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM | 148,60 € |
| 871104PU06  | ART.1104-1105 COLECTOR SIMPLE DE DISTRIBUCION CON RACORES PREMONTADOS 24X1,5 MACHO 1" X11 SALIDAS. DISTANCIA ENTRE TOMAS 50 MM | 159,78 € |
| 871104PV06  | SINGLE DISTRIBUTION MANIFOLD WITH PRE-ASSEMBLED FITTINGS. 1" X 13                                                              | 172,25 € |
| 871104PW06  | SINGLE DISTRIBUTION MANIFOLD WITH PRE-ASSEMBLED FITTINGS. 1" X 14                                                              | 184,83 € |
| 871104PY06  | SINGLE DISTRIBUTION MANIFOLD WITH PRE-ASSEMBLED FITTINGS. 1" X 15                                                              | 199,85 € |
| 871140O06   | ART. 114 DESTORNILLADOR PARA DETENTORES.                                                                                       | 15,20 €  |
| 871160O06   | LLAVE PARA ADAPTADORES DE 24X1,5 Y 1/2                                                                                         | 51,29 €  |
| 871170O06   | LLAVE PARA ADAPTADORES DE 24X1,5 Y EUROCONO 3/4                                                                                | 37,82 €  |
| 87178AF66   | AISLAMIENTO PARA COLECTOR SIMPLE BARRA 1"                                                                                      | 29,19 €  |
| 87178AG66   | AISLAMIENTO PARA COLECTOR SIMPLE BARRA 1 1/4"                                                                                  | 34,10 €  |
| 87186PA05   | LLAVE PARA ADAPTADORES DE 24X1,5 Y EUROCONO 3/4                                                                                | 11,70 €  |
| 87186PA06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                    | 12,21 €  |
| 87186PB05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                    | 15,57 €  |
| 87186PB06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                    | 16,46 €  |
| 87186PC05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                    | 19,63 €  |
| 87186PC06   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                    | 20,74 €  |
| 87186PG05   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                     | 14,69 €  |
| 87186PG06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                     | 15,35 €  |
| 87186PH05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                     | 19,15 €  |
| 87186PH06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                     | 20,30 €  |
| 87186PJ05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                                     | 22,99 €  |
| 87194OH20   | CAJA COLECTORES PLASTICA 400X240X70                                                                                            | 24,87 €  |
| 87194OI20   | CAJA COLECTORES PLASTICA 500X240X70                                                                                            | 28,86 €  |
| 87194OL20   | CAJA COLECTORES PLASTICA 600X240X70                                                                                            | 59,04 €  |
| 87194OO20   | CAJA COLECTORES PLASTICA 350X240X70                                                                                            | 30,63 €  |
| 87207AC05   | VAINA PORTATERMOMETRO 3/8 LATON                                                                                                | 11,59 €  |
| 87212AD05   | VAINA P/SONDAS CABEZALES TERMOSTATICOS REF 991-992-997 LARGO 132mm                                                             | 10,66 €  |
| 87222PA05   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                             | 11,40 €  |
| 87222PA06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                     | 11,84 €  |
| 87222PB05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                             | 15,17 €  |
| 87222PB06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                     | 16,05 €  |
| 87222PC05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                             | 19,04 €  |
| 87222PC06   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                     | 20,18 €  |
| 87222PG05   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2                                                              | 14,28 €  |
| 87222PG06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                      | 14,91 €  |
| 87222PH05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2                                                              | 18,63 €  |
| 87222PH06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                      | 19,70 €  |
| 87222PJ05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2                                                              | 22,36 €  |
| 87222PJ06   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2 CROMADO                                                      | 23,25 €  |
| 87223PA05   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                          | 11,40 €  |
| 87223PA06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                  | 11,84 €  |
| 87223PB05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                          | 15,17 €  |
| 87223PB06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                  | 16,05 €  |
| 87223PC05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                          | 19,04 €  |
| 87223PC06   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                  | 20,18 €  |
| 87223PG05   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5                                                           | 14,28 €  |
| 87223PG06   | COLECTOR SIMPLE M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                   | 14,91 €  |
| 87223PH05   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5                                                           | 18,63 €  |
| 87223PH06   | COLECTOR SIMPLE M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                   | 19,70 €  |
| 87223PJ05   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5                                                           | 22,36 €  |
| 87223PJ06   | COLECTOR SIMPLE M-H 4 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5 CROMADO                                                   | 23,25 €  |
| 87227PA06   | COLECTOR SIMPLE C/LLAVES M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                    | 22,99 €  |
| 87227PB06   | COLECTOR SIMPLE C/LLAVES M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                    | 33,28 €  |
| 87227PC06   | COLECTOR SIMPLE C/LLAVES M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 1/2                                                    | 46,01 €  |
| 87227PG06   | COLECTOR SIMPLE C/LLAVES M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2                                                     | 30,81 €  |
| 87227PH06   | COLECTOR SIMPLE C/LLAVES M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 1/2                                                     | 43,54 €  |
| 87228PA06   | COLECTOR SIMPLE C/LLAVES M-H 2 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                 | 25,72 €  |
| 87228PB06   | COLECTOR SIMPLE C/LLAVES M-H 3 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                 | 38,97 €  |
| 87228PC06   | COLECTOR SIMPLE C/LLAVES M-H 4 VIAS ENTRADA 3/4 C/SALIDAS P/ADAPTADORES 24X1,5                                                 | 57,34 €  |
| 87228PG06   | COLECTOR SIMPLE C/LLAVES M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5                                                  | 30,81 €  |
| 87228PH06   | COLECTOR SIMPLE C/LLAVES M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES 24X1,5                                                  | 43,54 €  |
| 87229PG06   | COLECTOR SIMPLE C/LLAVES M-H 2 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                            | 30,81 €  |
| 87229PH06   | COLECTOR SIMPLE C/LLAVES M-H 3 VIAS ENTRADA 1" C/SALIDAS P/ADAPTADORES EUROCONO 3/4                                            | 43,54 €  |
| 88P1002599  | INSULATING ADHESIVE PERIMETER STRIP. H. 250 MM                                                                                 | 3,73 €   |
| 88P1000099  | INSULATING ADHESIVE PERIMETER STRIP. H. 150 MM                                                                                 | 2,25 €   |
| 88P1053099  | THERMOFORMED INSULATING PANEL IN SINTERED EXPANDED POLYSTYRENE FOAM. 1400X800                                                  | 27,38 €  |
| 88P1054099  | THERMOFORMED INSULATING PANEL IN SINTERED EXPANDED POLYSTYRENE FOAM. 1400X800                                                  | 29,93 €  |
| 88P1055099  | THERMOFORMED INSULATING PANEL IN SINTERED EXPANDED POLYSTYRENE FOAM. 1400X800                                                  | 33,73 €  |
| 88P1056099  | THERMOFORMED INSULATING PANEL IN SINTERED EXPANDED POLYSTYRENE FOAM. 1400X800                                                  | 39,22 €  |
| 88P1057099  | THERMOFORMED INSULATING PANEL IN SINTERED EXPANDED POLYSTYRENE FOAM. 1400X800                                                  | 45,13 €  |
| 88P105G3099 | THERMOFORMED INSULATION PANEL IN SINTERED EXPANDED POLYSTYRENE WITH GRAPHITE ADDITIVE. 1400X800                                | 30,04 €  |
| 88P105G4099 | THERMOFORMED INSULATION PANEL IN SINTERED EXPANDED POLYSTYRENE WITH GRAPHITE ADDITIVE. 1400X800                                | 30,22 €  |
| 88P105G5099 | THERMOFORMED INSULATION PANEL IN SINTERED EXPANDED POLYSTYRENE WITH GRAPHITE ADDITIVE. 1400X800                                | 38,01 €  |
| 88P1065399  | THERMAL AND ACOUSTIC INSULATING PANEL IN EPS PRE-FORMED. 1200X800                                                              | 41,73 €  |
| 88P1066399  | THERMAL AND ACOUSTIC INSULATING PANEL IN EPS PRE-FORMED. 1200X800                                                              | 47,71 €  |
| 88P1072099  | PANEL WITH HOLLOW RELIEFS IN RECYCLED PLASTIC INCLUDING ELASTIC EPS 800X600                                                    | 58,15 €  |
| 88P1072099A | LOWERED PANEL WITH HOLLOW RELIEFS IN RECYCLED PLASTIC 1200X800                                                                 | 53,36 €  |
| 88P108FA99L | INSULATING ADHESIVE PERIMETER STRIP. H. 150 MM                                                                                 | 7,93 €   |
| 88P1090020  | LAT INSULATING PANEL IN ROLLS IN EPS SINTERED EXPANDED POLYSTYRENE FOAM. 10.000X1.000                                          | 26,79 €  |
| 88P1090030  | LAT INSULATING PANEL IN ROLLS IN EPS SINTERED EXPANDED POLYSTYRENE FOAM. 10.000X1.000                                          | 33,17 €  |
| 88P1090040  | LAT INSULATING PANEL IN ROLLS IN EPS SINTERED EXPANDED POLYSTYRENE FOAM. 10.000X1.000                                          | 40,33 €  |

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|---------------|--------------------------------------------------------------------------------------------------------------------------------|------------|
| 88P118802099  | INSULATING ADHESIVE PERIMETER STRIP. 8 MM                                                                                      | 2,25 €     |
| 88P193BQ10099 | MULTILAYER CROSS-LINKED POLYETHYLENE PE-XC/AL/PE-XB PIPE. 20X2                                                                 | 4,87 €     |
| 88P193GH20099 | MULTILAYER CROSS-LINKED POLYETHYLENE PE-XC/AL/PE-XB PIPE. 16X2                                                                 | 3,21 €     |
| 88P193GH50099 | MULTILAYER CROSS-LINKED POLYETHYLENE PE-XC/AL/PE-XB PIPE. 16X2                                                                 | 3,21 €     |
| 88P193GP05099 | MULTILAYER CROSS-LINKED POLYETHYLENE PE-XC/AL/PE-XB PIPE. 26X3                                                                 | 8,97 €     |
| 88P193GQ05099 | MULTILAYER CROSS-LINKED POLYETHYLENE PE-XC/AL/PE-XB PIPE. 32X3                                                                 | 15,20 €    |
| 88P197BQ10099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 20X2                                                                                | 3,32 €     |
| 88P197BQ50099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 20X2                                                                                | 3,32 €     |
| 88P197GH10099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 16X2                                                                                | 2,21 €     |
| 88P197GH50099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 16X2                                                                                | 2,21 €     |
| 88P197GP05099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 26X3                                                                                | 7,34 €     |
| 88P197GQ05099 | MULTILAYER POLYETHYLENE PERT-AL-PERT PIPE. 32X3                                                                                | 9,52 €     |
| 88P198BQ60098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 20X2                                                                        | 2,88 €     |
| 88P198BS20098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 17X2                                                                        | 2,21 €     |
| 88P198BS40098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 17X2                                                                        | 2,21 €     |
| 88P198BS60098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 17X2                                                                        | 2,21 €     |
| 88P198GB20098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 12X1,1                                                                      | 1,73 €     |
| 88P198GH20098 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XA PIPE. 16X2                                                                        | 2,14 €     |
| 88P200BS20099 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XC HD PIPE. 17X2                                                                     | 2,92 €     |
| 88P200BS40099 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XC HD PIPE. 17X2                                                                     | 2,92 €     |
| 88P200BS60099 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XC HD PIPE. 17X2                                                                     | 2,92 €     |
| 88P200GH60099 | HIGH DENSITY POLYETHYLENE CROSS-LINKED PE-XC HD PIPE. 16X2                                                                     | 1,92 €     |
| 88P2011799    | IMPACT-RESISTANT PLASTIC AND SELF ADHESIVE BAR FOR Ø 16-17 AND 20 MM PIPES. H. 24 MM                                           | 5,24 €     |
| 88P2012099    | IMPACT-RESISTANT PLASTIC AND SELF ADHESIVE BAR FOR Ø 16-17 AND 20 MM PIPES. H. 24 MM                                           | 7,45 €     |
| 88P2020O099   | CLIP TO MANUALLY FIX Ø 16-17-20 MM PIPES ON FLAT PANELS. 16-17-20 MM                                                           | 0,26 €     |
| 88P2030O099   | CLIPS TO AUTOMATICALLY FIX THE PIPE. 16-17-20 MM                                                                               | 0,30 €     |
| 88P2040O099   | PIPE FIXING TOOL WITH CLIPS ART. P203.                                                                                         | 557,56 €   |
| 88P2050O098   | UNWINDER FOR PIPES WITH MAX. 20 MM DIAMETER AND 600 MT. LENGTH. WITH CASE -                                                    | 760,36 €   |
| 88P2050O099   | UNWINDER FOR PIPES WITH MAX. 20 MM DIAMETER AND 600 MT. LENGTH. -                                                              | 711,25 €   |
| 88P2061099    | FLUIDISING ADDITIVE USED TO PREPARE CEMENT MIXTURES. -                                                                         | 81,44 €    |
| 88P2070O099   | POLYPROPYLENE FIBERS FLAKES TO PROTECT AGAINST PLASTIC SHRINKAGE CRACKS. -                                                     | 29,85 €    |
| 88P2080399    | ELECTROWELDED MESH. PANEL SIZE 2X1 M, SUPPLIED IN PACKAGES OF 2 SMQ. 100X100 MM                                                | - €        |
| 88P2080O099   | ELECTROWELDED MESH. PANEL SIZE 2X1 M, SUPPLIED IN PACKAGES OF 2 SMQ. 70X70 MM                                                  | 5,39 €     |
| 88P2110O099   | POLYETHYLENE FILM. 0,10 MM THICKNESS. 140X2 M                                                                                  | 1,55 €     |
| 88P2122099    | CLIP TO BE HOOKED TO THE GRID WITH 3 MM WIRE, WHICH ENABLES TO BURY Ø 16-17-20 MM PIPES IN CONCRETE. FOR PIPE SIZE:16-17-20 MM | 0,52 €     |
| 88P2140O099   | PANEL LOCKING PLUG WITH 8 MM DIAMETER FOR FLAT PANELS. 8 MM                                                                    | 0,74 €     |
| 88P215B699    | POLYAMIDE 90° PIPE BEND FOR Ø 16-17-18-20 MM PIPES. 16-18                                                                      | 3,58 €     |
| 88P215BH99    | POLYAMIDE 90° PIPE BEND FOR Ø 16-17-18-20 MM PIPES. 20                                                                         | 5,09 €     |
| 88P2160O099   | PIPE FIXING CLIP TO BE POSITIONED BETWEEN THE RELIEFS. 16-17 MM                                                                | 0,33 €     |
| 88P2170O099   | EXPANSION JOINT IN EXPANDED POLYETHYLENE, DENSITY 50 KG/MC. 2 MT.                                                              | 13,28 €    |
| 88P2190O099   | GLASS FIBER MESH. SIZE: 40X40 MM. ROLLS: 50 MQ, H=1 MT. 40X40MM                                                                | 7,60 €     |
| 88P2200199    | CORROSION INHIBITOR LIQUID WITH BACTERICIDE TO BE USED TO FILL IN THE SYSTEM. -                                                | 54,46 €    |
| 88P2260699    | MACRO SYNTHETIC FIBER MADE FROM EXTRUSION OF POLYPROPYLENE-BASED SYNTHETIC POLYMERS. -                                         | 42,36 €    |
| 88P408DHS220C | DEHUMIDIFIER CEILING MOUNTING EQUIPMENT WITH COMPRESSOR 220 MC/H - 840W (LXHXD) MM: 623X250X695                                | 3.056,02 € |
| 88P408DHS300  | DEHUMIDIFIER CEILING MOUNTING 300 MC/H (LXHXD) MM: 803X260X662                                                                 | 3.060,49 € |
| 88P408DHS300C | DEHUMIDIFIER CEILING MOUNTING EQUIPMENT WITH COMPRESSOR 300 MC/H - 960 W (LXHXD) MM: 803X260X662                               | 4.066,31 € |
| 88P408DHS500  | DEHUMIDIFIER CEILING MOUNTING 500 MC/H (LXHXD) MM: 858X309X709                                                                 | 4.418,30 € |
| 88P408DHS500C | DEHUMIDIFIER CEILING MOUNTING EQUIPMENT WITH COMPRESSOR 500 MC/H - 1800W (LXHXD) MM: 858X309X709                               | 6.437,06 € |
| 88P409DHP200  | DEHUMIDIFIER BUILT-IN WALL SYSTEM 200 MC/H (LXHXD) MM: 402X622X203                                                             | 1.975,66 € |
| 88P409DHP300  | DEHUMIDIFIER BUILT-IN WALL SYSTEM 300 MC/H (LXHXD) MM: 730X732X203                                                             | 2.658,17 € |
| 88P409DHP300C | DEHUMIDIFIER BUILT-IN WALL SYSTEM WITH COMPRESSOR 300 MC/H - 960W (LXHXD) MM: 730X732X203                                      | 3.656,79 € |
| 88P450SR60    | REVERSIBLE FLOW HEAT-RECOVERY UNIT COMPLETE WITH CERAMIC-TYPE HEAT EXCHANGER. DUCT VARIABLE IN LENGTH FROM 250 TO 500 MM.      | 998,96 €   |
| 90132AF0545   | VALVULA ANTICONDENSADOS 45°C C/RACORES M-M 1"                                                                                  | 139,59 €   |
| 90140AD06     | RACOR CURVO M 1/2 C/TUERCA LOCA 3/4 ASIENTO PLANO                                                                              | 8,86 €     |
| 90141AD06     | RACOR CURVO M 1/2 C/TUERCA LOCA 3/4 ASIENTO CONICO                                                                             | 9,59 €     |
| 90142AD05     | MEZCLADOR TERMOSTATICO 1/2 30-60° C/RACORES MACHO MEZCLA LATERAL                                                               | 114,83 €   |
| 90142AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° C/RACORES MACHO MEZCLA LATERAL                                                               | 124,09 €   |
| 90143AD05     | MEZCLADOR TERMOSTATICO 1/2 30-60° H-H MEZCLA LATERAL                                                                           | 86,94 €    |
| 90143AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° H-H MEZCLA LATERAL                                                                           | 110,55 €   |
| 90144AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° C/RACORES MACHO Y VALVULA DE RETENCION MEZCLA LATERAL                                        | 118,38 €   |
| 90145AF05     | MEZCLADOR TERMOSTATICO 1" 30-60° M-M MEZCLA LATERAL                                                                            | 115,39 €   |
| 90146AD05     | GRIFO VACIADO CALDERA RECTO 1/2 C/TAPON Y BOQUILLA                                                                             | 11,81 €    |
| 90147AE06     | REGULADOR DE TIRO PARA CALDERAS LEÑA O CARBON 3/4                                                                              | 42,18 €    |
| 90148AD05     | MEZCLADOR TERMOSTATICO 1/2 30-60° C/RACORES MACHO MEZCLA INFERIOR                                                              | 114,83 €   |
| 90148AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° C/RACORES MACHO MEZCLA INFERIOR                                                              | 124,09 €   |
| 90148AF05     | MEZCLADOR TERMOSTATICO 1" 30-60° C/RACORES MACHO MEZCLA INFERIOR                                                               | 150,15 €   |
| 90149AD05     | MEZCLADOR TERMOSTATICO 1/2 30-60° H-H MEZCLA INFERIOR                                                                          | 91,22 €    |
| 90149AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° H-H MEZCLA INFERIOR                                                                          | 94,50 €    |
| 90149AF05     | MEZCLADOR TERMOSTATICO 1" 30-60° H-H MEZCLA INFERIOR                                                                           | 119,81 €   |
| 90153AB06     | LIRA PORTA MANOMETRO M Y H FLEXIBLE.1/4                                                                                        | 21,48 €    |
| 90153AC06     | LIRA PORTA MANOMETRO M Y H FLEXIBLE.3/8                                                                                        | 18,63 €    |
| 90153AD06     | LIRA PORTA MANOMETRO M Y H FLEXIBLE.1/2                                                                                        | 18,19 €    |
| 90159AB05     | GRIFO PORTAMANOMETRO 1/4 RECTO M-H MUESTRA INAIL                                                                               | 26,60 €    |
| 90159AD05     | GRIFO PORTAMANOMETRO 1/2 RECTO M-H MUESTRA INAIL                                                                               | 29,96 €    |
| 90160AB05     | GRIFO PORTAMANOMETRO 1/4 RECTO                                                                                                 | 15,28 €    |
| 90160AD05     | GRIFO PORTAMANOMETRO 1/2 RECTO                                                                                                 | 19,00 €    |
| 90165AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° C/RACORES MACHO Y VALVULA DE RETENCION MEZCLA INFERIOR                                       | 128,08 €   |
| 90166AE05     | MEZCLADOR TERMOSTATICO 3/4 30-60° M-M MEZCLA INFERIOR                                                                          | 118,15 €   |
| 90166AF05     | MEZCLADOR TERMOSTATICO 1" 30-60° M-M MEZCLA INFERIOR                                                                           | 142,62 €   |
| 90267AE05     | VALVULA DESCARGA TERMICA 3/4                                                                                                   | 154,72 €   |
| 90605AE05     | VALVULA DESCARGA TERMICA 3/4 DOBLE SEGURIDAD C/BULBO                                                                           | 224,46 €   |
| 90606AG05     | VALVULA DESCARGA TERMICA 1 1/4 C/REARME MANUAL INAIL                                                                           | 646,30 €   |
| 91241ADAC     | VALVULA DE SEGURIDAD H-H 1/2 1,5 bar                                                                                           | 11,14 €    |



|           |                                               |          |
|-----------|-----------------------------------------------|----------|
| 91241ADAD | VALVULA DE SEGURIDAD H-H 1/2 2 bar            | 11,14 €  |
| 91241ADAE | VALVULA DE SEGURIDAD H-H1/2 2,5 bar           | 11,14 €  |
| 91241ADAF | VALVULA DE SEGURIDAD H-H 1/2 3 bar            | 11,14 €  |
| 91241ADAG | VALVULA DE SEGURIDAD H-H 1/2 3,5 bar          | 11,14 €  |
| 91241ADAH | VALVULA DE SEGURIDAD H-H 1/2 4 bar            | 11,14 €  |
| 91241ADAL | VALVULA DE SEGURIDAD H-H 1/2 5 bar            | 11,14 €  |
| 91241ADAN | VALVULA DE SEGURIDAD H-H 1/2 6 bar            | 11,14 €  |
| 91241ADAP | VALVULA DE SEGURIDAD H-H 1/2 7 bar            | 16,31 €  |
| 91241ADAQ | VALVULA DE SEGURIDAD H-H 1/2 8 bar            | 16,31 €  |
| 91241ADAR | VALVULA DE SEGURIDAD H-H 1/2 9 bar            | 16,31 €  |
| 91241ADAS | VALVULA DE SEGURIDAD H-H 1/2 10 bar           | 16,31 €  |
| 91241ADBC | VALVULA DE SEGURIDAD H-H 1/2 1,8 bar          | 11,14 €  |
| 91241AEAC | VALVULA DE SEGURIDAD H-H 3/4 1,5 bar          | 17,45 €  |
| 91241AEAD | VALVULA DE SEGURIDAD H-H 3/4 2 bar            | 17,45 €  |
| 91241AEAE | VALVULA DE SEGURIDAD H-H 3/4 2,5 bar          | 17,45 €  |
| 91241AEAF | VALVULA DE SEGURIDAD H-H 3/4 3 bar            | 17,45 €  |
| 91241AEAG | VALVULA DE SEGURIDAD H-H 3/4 3,5 bar          | 17,45 €  |
| 91241AEAH | VALVULA DE SEGURIDAD H-H 3/4 4 bar            | 17,45 €  |
| 91241AEAL | VALVULA DE SEGURIDAD H-H 3/4 5 bar            | 17,45 €  |
| 91241AEAN | VALVULA DE SEGURIDAD H-H 3/4 6 bar            | 17,45 €  |
| 91241AEAP | VALVULA DE SEGURIDAD H-H 3/4 7 bar            | 19,30 €  |
| 91241AEAQ | VALVULA DE SEGURIDAD H-H 3/4 8 bar            | 19,30 €  |
| 91241AEAR | VALVULA DE SEGURIDAD H-H 3/4 9 bar            | 19,30 €  |
| 91241AEAS | VALVULA DE SEGURIDAD H-H 3/4 10 bar           | 19,30 €  |
| 91241AEBC | VALVULA DE SEGURIDAD H-H 3/4 1,8 bar          | 17,45 €  |
| 91241AFAC | VALVULA DE SEGURIDAD H-H 1" 1,5 bar           | 33,98 €  |
| 91241AFAD | VALVULA DE SEGURIDAD H-H 1" 2 bar             | 33,98 €  |
| 91241AFAE | VALVULA DE SEGURIDAD H-H 1" 2,5 bar           | 33,98 €  |
| 91241AFAF | VALVULA DE SEGURIDAD H-H 1" 3 bar             | 33,98 €  |
| 91241AFAG | VALVULA DE SEGURIDAD H-H 1" 3,5 bar           | 33,98 €  |
| 91241FAFH | VALVULA DE SEGURIDAD H-H 1" 4 bar             | 33,98 €  |
| 91241AFAL | VALVULA DE SEGURIDAD H-H 1" 5 bar             | 33,98 €  |
| 91241AFAN | VALVULA DE SEGURIDAD H-H 1" 6 bar             | 33,98 €  |
| 91241AFAP | VALVULA DE SEGURIDAD H-H 1" 7 bar             | 45,57 €  |
| 91241AFAQ | VALVULA DE SEGURIDAD H-H 1" 8 bar             | 45,57 €  |
| 91241AFAR | VALVULA DE SEGURIDAD H-H 1" 9 bar             | 45,57 €  |
| 91241AFAS | VALVULA DE SEGURIDAD H-H 1" 10 bar            | 45,57 €  |
| 91241AFBC | VALVULA DE SEGURIDAD H-H 1" 1,8 bar           | 33,98 €  |
| 91242ADAC | VALVULA DE SEGURIDAD M-H 1/2 1,5 bar          | 11,99 €  |
| 91242ADAD | VALVULA DE SEGURIDAD M-H 1/2 2 bar            | 11,99 €  |
| 91242ADAE | VALVULA DE SEGURIDAD M-H 1/2 2,5 bar          | 11,99 €  |
| 91242ADAF | VALVULA DE SEGURIDAD M-H 1/2 3 bar            | 11,99 €  |
| 91242ADAG | VALVULA DE SEGURIDAD M-H 1/2 3,5 bar          | 11,99 €  |
| 91242ADAH | VALVULA DE SEGURIDAD M-H 1/2 4 bar            | 11,55 €  |
| 91242ADAL | VALVULA DE SEGURIDAD M-H 1/2 5 bar            | 11,99 €  |
| 91242ADAN | VALVULA DE SEGURIDAD M-H 1/2 6 bar            | 11,55 €  |
| 91242ADAP | VALVULA DE SEGURIDAD M-H 1/2 7 bar            | 15,72 €  |
| 91242ADAQ | VALVULA DE SEGURIDAD M-H 1/2 8 bar            | 16,05 €  |
| 91242ADAR | VALVULA DE SEGURIDAD M-H 1/2 9 bar            | 15,72 €  |
| 91242ADAS | VALVULA DE SEGURIDAD M-H 1/2 10 bar           | 15,72 €  |
| 91242ADBC | VALVULA DE SEGURIDAD M-H 1/2 1,8 bar          | 11,99 €  |
| 91242AEAC | VALVULA DE SEGURIDAD M-H 3/4 1,5 bar          | 19,04 €  |
| 91242AEAD | VALVULA DE SEGURIDAD M-H 3/4 2 bar            | 19,04 €  |
| 91242AEAE | VALVULA DE SEGURIDAD M-H 3/4 2,5 bar          | 19,04 €  |
| 91242AEAF | VALVULA DE SEGURIDAD M-H 3/4 3 bar            | 19,04 €  |
| 91242AEAG | VALVULA DE SEGURIDAD M-H 3/4 3,5 bar          | 19,04 €  |
| 91242AEAH | VALVULA DE SEGURIDAD M-H 3/4 4 bar            | 19,04 €  |
| 91242AEAL | VALVULA DE SEGURIDAD M-H 3/4 5 bar            | 19,04 €  |
| 91242AEAN | VALVULA DE SEGURIDAD M-H 3/4 6 bar            | 15,24 €  |
| 91242AEAP | VALVULA DE SEGURIDAD M-H 3/4 7 bar            | 20,85 €  |
| 91242AEAQ | VALVULA DE SEGURIDAD M-H 3/4 8 bar            | 22,10 €  |
| 91242AEAR | VALVULA DE SEGURIDAD M-H 3/4 9 bar            | 22,10 €  |
| 91242AEAS | VALVULA DE SEGURIDAD M-H 3/4 10 bar           | 22,10 €  |
| 91242AEBC | VALVULA DE SEGURIDAD M-H 3/4 1,8 bar          | 19,04 €  |
| 91243AB04 | MANOMETRO 0-4 BAR TOMA POSTERIOR              | 11,55 €  |
| 91243AB06 | MANOMETRO 0-6 BAR TOMA POSTERIOR              | 11,55 €  |
| 91243AB10 | MANOMETRO 0-10 BAR TOMA POSTERIOR             | 11,55 €  |
| 91244AB04 | MANOMETRO 0-4 BAR TOMA RADIAL.                | 7,42 €   |
| 91244AB06 | MANOMETRO 0-6 BAR TOMA RADIAL.                | 7,42 €   |
| 91244AB10 | MANOMETRO 0-10 BAR TOMA RADIAL.               | 7,42 €   |
| 91245AD05 | REDUCTOR DE PRESION 1/2 C/RACORES H 1-6 bar   | 62,10 €  |
| 91245AE05 | REDUCTOR DE PRESION 3/4 C/RACORES H 1-6 bar   | 101,70 € |
| 91245AF05 | REDUCTOR DE PRESION 1" C/RACORES H 1-6 bar    | 90,04 €  |
| 91245AG05 | REDUCTOR DE PRESION 1 1/4 C/RACORES H 1-6 bar | 188,12 € |
| 91245AH05 | REDUCTOR DE PRESION 1 1/2 C/RACORES H 1-6 bar | 208,41 € |
| 91245AJ05 | REDUCTOR DE PRESION 2" C/RACORES H 1-6 bar    | 313,58 € |
| 91246AD05 | REDUCTOR DE PRESION 1/2 H-H 1-6 bar           | 48,23 €  |
| 91246AE05 | REDUCTOR DE PRESION 3/4 H-H 1-6 bar           | 64,72 €  |
| 91246AF05 | REDUCTOR DE PRESION 1" H-H 1-6 bar            | 102,51 € |
| 91246AG05 | REDUCTOR DE PRESION 1 1/4 H-H 1-6 bar         | 123,02 € |
| 91246AH05 | REDUCTOR DE PRESION 1 1/2 H-H 1-6 bar         | 154,72 € |
| 91246AJ05 | REDUCTOR DE PRESION 2" H-H 1-6 bar            | 195,35 € |
| 91246AK05 | REDUCTOR DE PRESION 2 1/2 H-H 1-6 bar         | 222,17 € |

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| 91247AD06    | REDUCTOR DE PRESION MIGNON 1/2 H-H 1-4 bar                                              | 25,31 €    |
| 91247AE06    | REDUCTOR DE PRESION MIGNON 3/4 H-H 1-4 bar                                              | 26,13 €    |
| 91248AD06    | REDUCTOR DE PRESION MIGNON 1/2 H-H 1-4 bar S/TOMA MANOMETRO                             | 24,54 €    |
| 91248AE06    | REDUCTOR DE PRESION MIGNON 3/4 H-H 1-4 bar S/TOMA MANOMETRO                             | 25,50 €    |
| 91249AD05    | GRUPO DE LLENADO 1/2 C/VALV. DE CIERRE Y FILTRO.                                        | 40,00 €    |
| 91251ADAC    | VALVULA DE SEGURIDAD H-H 1/2 1,5 bar C/TOMA MANOMETRO                                   | 13,14 €    |
| 91251ADAD    | VALVULA DE SEGURIDAD H-H 1/2 2 bar C/TOMA MANOMETRO                                     | 13,14 €    |
| 91251ADAE    | VALVULA DE SEGURIDAD H-H 1/2 2,5 bar C/TOMA MANOMETRO                                   | 13,14 €    |
| 91251ADAF    | VALVULA DE SEGURIDAD H-H 1/2 3 bar C/TOMA MANOMETRO                                     | 13,14 €    |
| 91251ADAG    | VALVULA DE SEGURIDAD H-H 1/2 3,5 bar C/TOMA MANOMETRO                                   | 13,14 €    |
| 91251ADAH    | VALVULA DE SEGURIDAD H-H 1/2 4 bar C/TOMA MANOMETRO                                     | 13,14 €    |
| 91251ADAL    | VALVULA DE SEGURIDAD H-H 1/2 5 bar C/TOMA MANOMETRO                                     | 13,14 €    |
| 91251ADAN    | VALVULA DE SEGURIDAD H-H 1/2 6 bar C/TOMA MANOMETRO                                     | 13,14 €    |
| 91251ADAP    | VALVULA DE SEGURIDAD H-H 1/2 7 bar C/TOMA MANOMETRO                                     | 16,20 €    |
| 91251ADAQ    | VALVULA DE SEGURIDAD H-H 1/2 8 bar C/TOMA MANOMETRO                                     | 16,20 €    |
| 91251ADAR    | VALVULA DE SEGURIDAD H-H 1/2 9 bar C/TOMA MANOMETRO                                     | 16,20 €    |
| 91251ADAS    | VALVULA DE SEGURIDAD H-H 1/2 10 bar C/TOMA MANOMETRO                                    | 16,20 €    |
| 91251ADBC    | VALVULA DE SEGURIDAD H-H 1/2 1,8 bar C/TOMA MANOMETRO                                   | 13,14 €    |
| 91252ADAC    | VALVULA DE SEGURIDAD M-H 1/2 1,5 bar C/TOMA MANOMETRO                                   | 13,87 €    |
| 91252ADAD    | VALVULA DE SEGURIDAD M-H 1/2 2 bar C/TOMA MANOMETRO                                     | 13,87 €    |
| 91252ADAE    | VALVULA DE SEGURIDAD M-H 1/2 2,5 bar C/TOMA MANOMETRO                                   | 13,87 €    |
| 91252ADAF    | VALVULA DE SEGURIDAD M-H 1/2 3 bar C/TOMA MANOMETRO                                     | 13,87 €    |
| 91252ADAG    | VALVULA DE SEGURIDAD M-H 1/2 3,5 bar C/TOMA MANOMETRO                                   | 13,87 €    |
| 91252ADAH    | VALVULA DE SEGURIDAD M-H 1/2 4 bar C/TOMA MANOMETRO                                     | 13,87 €    |
| 91252ADAL    | VALVULA DE SEGURIDAD M-H 1/2 5 bar C/TOMA MANOMETRO                                     | 13,87 €    |
| 91252ADAN    | VALVULA DE SEGURIDAD M-H 1/2 6 bar C/TOMA MANOMETRO                                     | 13,87 €    |
| 91252ADAP    | VALVULA DE SEGURIDAD M-H 1/2 7 bar C/TOMA MANOMETRO                                     | 16,90 €    |
| 91252ADAQ    | VALVULA DE SEGURIDAD M-H 1/2 8 bar C/TOMA MANOMETRO                                     | 16,90 €    |
| 91252ADAR    | VALVULA DE SEGURIDAD M-H 1/2 9 bar C/TOMA MANOMETRO                                     | 16,90 €    |
| 91252ADAS    | VALVULA DE SEGURIDAD M-H 1/2 10 bar C/TOMA MANOMETRO                                    | 16,90 €    |
| 91252ADBC    | VALVULA DE SEGURIDAD M-H 1/2 1,8 bar C/TOMA MANOMETRO                                   | 13,87 €    |
| 91253ADAC    | VALVULA DE SEGURIDAD H-H 1/2 1,5 bar C/MANOMETRO                                        | 25,61 €    |
| 91253ADAD    | VALVULA DE SEGURIDAD H-H 1/2 2 bar C/MANOMETRO                                          | 25,61 €    |
| 91253ADAE    | VALVULA DE SEGURIDAD H-H 1/2 2,5 bar C/MANOMETRO                                        | 25,61 €    |
| 91253ADAF    | VALVULA DE SEGURIDAD H-H 1/2 3 bar C/MANOMETRO                                          | 25,61 €    |
| 91253ADAG    | VALVULA DE SEGURIDAD H-H 1/2 3,5 bar C/MANOMETRO                                        | 25,61 €    |
| 91253ADAH    | VALVULA DE SEGURIDAD H-H 1/2 4 bar C/MANOMETRO                                          | 25,61 €    |
| 91253ADAL    | VALVULA DE SEGURIDAD H-H 1/2 5 bar C/MANOMETRO                                          | 25,61 €    |
| 91253ADAN    | VALVULA DE SEGURIDAD H-H 1/2 6 bar C/MANOMETRO                                          | 25,61 €    |
| 91253ADAP    | VALVULA DE SEGURIDAD H-H 1/2 7 bar C/MANOMETRO                                          | 21,62 €    |
| 91253ADAQ    | VALVULA DE SEGURIDAD H-H 1/2 8 bar C/MANOMETRO                                          | 21,62 €    |
| 91253ADAR    | VALVULA DE SEGURIDAD H-H 1/2 9 bar C/MANOMETRO                                          | 21,62 €    |
| 91253ADAS    | VALVULA DE SEGURIDAD H-H 1/2 10 bar C/MANOMETRO                                         | 21,62 €    |
| 91253ADBC    | VALVULA DE SEGURIDAD H-H 1/2 1,8 bar C/MANOMETRO                                        | 25,61 €    |
| 91257AB10    | MANOMETRO C/ CONEXION RADIAL 1/4" 0-10 bar                                              | 11,84 €    |
| 91258AD06120 | TERMOMANOMETRO RADIAL CON VALVULA DE RETENCION 1/2 0-6 bar 0-120°                       | 22,29 €    |
| 91263AB06    | MANOMETRO C/ CONEXION POSTERIOR 1/4" 0-6 bar                                            | 10,66 €    |
| 91266ADAF    | VALVULA DE SEGURIDAD DE TEMPERATURA Y PRESION M-H 1/2 3 bar                             | 57,45 €    |
| 91266ADAN    | VALVULA DE SEGURIDAD DE TEMPERATURA Y PRESION M-H 1/2 6 bar                             | 57,45 €    |
| 91266AEAF    | VALVULA DE SEGURIDAD DE TEMPERATURA Y PRESION M-H 3/4 3 bar                             | 65,79 €    |
| 91271AD05    | REDUCTOR DE PRESION 1/2 C/RACORES M 1-6 bar                                             | 64,58 €    |
| 91271AE05    | REDUCTOR DE PRESION 3/4 C/RACORES M 1-6 bar                                             | 105,72 €   |
| 91271AF05    | REDUCTOR DE PRESION 1" C/RACORES M 1-6 bar                                              | 108,60 €   |
| 91271AG05    | REDUCTOR DE PRESION 1 1/4 C/RACORES M 1-6 bar                                           | 195,61 €   |
| 91GS01O020   | GRUPO SEGURIDAD FIJACION A PARED C/PURGADOR + V. SEGURIDAD 3bar + MANOMETRO 0-6bar      | 121,88 €   |
| 91GS02O020   | GRUPO SEGURIDAD CON ROSCA INFERIOR 1" C/PURGADOR + V. SEGURIDAD 3bar + MANOMETRO 0-6bar | 87,79 €    |
| 91S119AD06   | ANTIGOLPE DE ARIETE INOX 1/2 0-16 LTS                                                   | 91,07 €    |
| 92C298AE05   | VALVULA CALIBRACION Y EQUILIBRADO M-H 1" DN20 5,10 kvs                                  | 101,07 €   |
| 92C299AD05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1/2 DN15 3,55 kvs                                 | 75,42 €    |
| 92C299AE05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 3/4 DN20 5,10 kvs                                 | 80,04 €    |
| 92C299AF05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1" DN25 8,80 kvs                                  | 93,21 €    |
| 92C299AG05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1 1/4 DN32 14,10 kvs                              | 112,10 €   |
| 92C299AH05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1 1/2 DN40 19,50 kvs                              | 174,28 €   |
| 92C299AJ05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 2" DN50 31,50 kvs                                 | 211,99 €   |
| 92C300AD05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1/2 DN15 3,55 kvs C/TOMAS AUTOSELLANTES           | 86,27 €    |
| 92C300AE05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 3/4 DN20 5,10 kvs C/TOMAS AUTOSELLANTES           | 94,13 €    |
| 92C300AF05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1" DN25 8,80 kvs C/TOMAS AUTOSELLANTES            | 107,78 €   |
| 92C300AG05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1 1/4 DN32 14,10 kvs C/TOMAS AUTOSELLANTES        | 145,13 €   |
| 92C300AH05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 1 1/2 DN40 19,50 kvs C/TOMAS AUTOSELLANTES        | 192,10 €   |
| 92C300AJ05   | VALVULA CALIBRACION Y EQUILIBRADO H-H 2" DN50 31,50 kvs C/TOMAS AUTOSELLANTES           | 231,33 €   |
| 92C301AK05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN65 93,50 kvs C/TOMAS AUTOSELLANTES        | 563,06 €   |
| 92C301AL05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN80 110,00 kvs C/TOMAS AUTOSELLANTES       | 788,92 €   |
| 92C301AN05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN100 190,00 kvs C/TOMAS AUTOSELLANTES      | 1.014,38 € |
| 92C301AP05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN125 301,00 kvs C/TOMAS AUTOSELLANTES      | 1.639,13 € |
| 92C301AR05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN150 425,00 kvs C/TOMAS AUTOSELLANTES      | 1.974,52 € |
| 92C302AS05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN200 600,00 kvs C/TOMAS AUTOSELLANTES      | 4.548,48 € |
| 92C302AT05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN250 1210 kvs C/TOMAS AUTOSELLANTES        | 6.811,89 € |
| 92C302AU05   | VALVULA CALIBRACION Y EQUILIBRADO EMBRIDADA DN300 1521 kvs C/TOMAS AUTOSELLANTES        | 8.092,39 € |
| 92C303AF06   | ART. C303 1" COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                             | 344,98 €   |
| 92C303AG06   | ART. C303 1"X1/4 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                         | 410,51 €   |
| 92C303AH06   | ART. C303 1"X1/2 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                         | 469,29 €   |
| 92C303AJ06   | ART. C303 2" COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                             | 569,07 €   |
| 92C304AJ06   | ART. C304 DN 50 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                          | 785,31 €   |

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| 92C304AK06   | ART. C304 DN 65 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                            | 873,02 €   |
| 92C304AL06   | ART. C304 DN 80 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                            | 1.267,44 € |
| 92C304AN06   | ART. C304 DN 100 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                           | 1.531,17 € |
| 92C304AP06   | ART. C304 DN 125 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                           | 3.763,50 € |
| 92C304AR06   | ART. C304 DN 150 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                           | 4.116,34 € |
| 92C304AS06   | ART. C304 DN 200 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                           | 5.378,03 € |
| 92C304AT06   | ART. C304 DN 250 COMPENSADOR HIDRAULICO C/RACORES DESMONTABLES.                           | 6.321,12 € |
| 93S100AD05   | MEZCLADOR TERMOSTATICO SOLAR 1/2 30-60° C/RACORES M MEZCLA INFERIOR                       | 126,31 €   |
| 93S100AE05   | MEZCLADOR TERMOSTATICO SOLAR 3/4 30-60° C/RACORES M MEZCLA INFERIOR                       | 136,53 €   |
| 93S100AF05   | MEZCLADOR TERMOSTATICO SOLAR 1" 30-60° C/RACORES M MEZCLA INFERIOR                        | 131,77 €   |
| 93S101AD05   | MEZCLADOR TERMOSTATICO SOLAR 1/2 30-60° H-H MEZCLA INFERIOR                               | 95,57 €    |
| 93S101AE05   | MEZCLADOR TERMOSTATICO SOLAR 3/4 30-60° H-H MEZCLA INFERIOR                               | 88,63 €    |
| 93S101AF05   | MEZCLADOR TERMOSTATICO SOLAR 1" 30-60° H-H MEZCLA INFERIOR                                | 115,20 €   |
| 93S102AE05   | MEZCLADOR TERMOSTATICO SOLAR 1" 30-60° C/RACORES M Y VALVULA DE RETENCION MEZCLA INFERIOR | 112,36 €   |
| 93S106AD0545 | ART. S106 DESVIADOR TERMOSTATICO PARA INST. SOLARES S/RACORES RH. 1/2"                    | 146,79 €   |
| 93S106AE0545 | ART. S106 DESVIADOR TERMOSTATICO PARA INST. SOLARES S/RACORES RH. 3/4"                    | 153,61 €   |
| 93S109AE05   | ART. S109 DESVIADOR TERMOSTATICO PARA INST. SOLARES C/RACORES. 3/4"                       | 130,26 €   |
| 93S110AD05   | ART.S110 PURGADOR PARA INST. SOLAR. 1/2                                                   | 21,73 €    |
| 93S111AD05   | ART.S111 DESAIREADOR VERTICAL                                                             | 58,34 €    |
| 93S111AE05   | ART.S111 DESAIREADOR VERTICAL 3/4"                                                        | 61,96 €    |
| 93S112AE05   | ART.S112 VALVULA MEZCLADORA SOLAR                                                         | 96,71 €    |
| 93S120ADAN   | ART.S120 VALVULA DE SEGURIDAD PARA INSTALACIONES SOLARES 1/2".                            | 24,76 €    |
| 93S120AEAN   | ART.S120 VALVULA DE SEGURIDAD PARA INSTALACIONES SOLARES 3/4".                            | 21,70 €    |
| 93S121AEAN   | ART. S121 VALVULA DE SEGURIDAD PARA INSTALACIONES SOLARES 1/2 - 3/4".                     | 24,17 €    |
| 93S170AE0645 | ART. S170 KIT DE MEZCLADOR TERMOSTATICO + VALVULA DESVIADORA .C/RACORES. 3/4"             | 280,77 €   |
| 811200AD05   | CODO H-H 1/2 LATON                                                                        | 3,73 €     |

# CONDICIONES GENERALES DE VENTA

## 1. CATÁLOGO-TARIFA

Todos los datos, características técnicas, fotografías, etc, que se muestran en nuestro catálogo-tarifa; son únicamente a título orientativo y nos reservamos el derecho a modificarlos sin previo aviso.

Los precios que figuran en nuestro catálogo-tarifa no incluyen IVA, ni portes, ni seguros y podrían sufrir modificaciones debido a las continuas fluctuaciones de los costes de las materias primas, así mismo se informarán dichos cambios, de la manera más rápida posible. Este catálogo-tarifa anula y sustituye al anterior tanto a nivel de precios como especificaciones técnicas.

## 2. ENVÍOS

Todos los pedidos son a portes pagados.

En caso de que se produzca algún extravío, rotura o avería de alguno de los productos que figuren en nuestro albarán de envío, el cliente deberá exigir al transportista el reconocimiento de la mercancía y el levantamiento del acta correspondiente en un plazo máximo de 24 horas, salvo que el daño fuera evidente en el momento de la entrega, en cuyo caso, la reclamación deberá hacerse en el acto, dejando constancia en el albarán del transportista; si no fuese posible revisar el material en el momento de la entrega se recomienda notificar en el albarán del transportista que queda pendiente de revisar.

## 3. PLAZOS DE ENTREGA

Los plazos de entrega que consten en nuestras aceptaciones de pedido, serán en base de disponibilidades de stock y producción, y serán respetadas de la manera más precisa posible.

Los retrasos en la entrega originados por motivos de fuerza mayor, o que no sean directamente imputables, no serán causa justificada de anulación por parte del cliente, del pedido involuntariamente retrasado.

## 4. DEVOLUCIONES

Solo se aceptarán devoluciones antes de transcurrir 30 días de la fecha de entrega, pasado este periodo no se aceptarán devoluciones salvo expresa autorización.

Toda devolución deberá hacerse previa solicitud por escrito, indicando el motivo de la misma y aceptada por Enertres Energías Renovables SL.. **Del importe de la devolución se deducirá un 20% en concepto de gastos devolución, revisión y gestión administrativa.**

En caso de ser aceptada la devolución, el material objeto de la misma, deberá situarse en nuestro almacén, corriendo por cuenta del cliente los gastos y portes de envío, acompañándolo de fotocopia de la factura correspondiente donde debitamos el cargo.

El material devuelto deberá estar en las mismas condiciones que en el momento de su entrega y deberá hacerse en el embalaje original y en perfectas condiciones.

Todo material pedido para fabricación exclusiva no podrá ser devuelto. No se aceptarán devoluciones de materiales que no consten en nuestro catálogo-tarifa vigente.

## 5. GARANTÍA

Todos nuestros productos tienen una garantía de dos años por posibles defectos de fabricación, desde la fecha de suministro indicada en la factura. Esta garantía cubre únicamente la reparación o sustitución de las piezas, una vez reconocida por el personal técnico de nuestra empresa o del fabricante, sin indemnización, y en cualquier caso, estará sujeta a lo que determine la legislación vigente.

Los gastos generados por devoluciones de garantía correrán a cargo del cliente.

Enertres Energías Renovables S.L, no se hace responsable de la mala manipulación de nuestros productos y de la no atención a las indicaciones de instalación de los mismos, que puedan originar daños directos ó indirectos a las instalaciones.

Para validar la garantía es imprescindible acompañar los materiales y productos de su factura de compra correspondiente.

## 6. CONDICIONES DE PAGO

Las ventas consideradas al contado, serán abonadas en efectivo o bien mediante transferencia bancaria por anticipado.

Las condiciones de pago a crédito serán acordadas y formalizadas previamente y figurarán en las facturas de compra.

En el supuesto impago, estarán a cargo del cliente además de gastos de devoluciones bancarias, los intereses demora así como los daños y perjuicios derivados del mismo. El impago a su vencimiento de cualquier efecto o recibo, conllevará la inmediata suspensión de suministros y servicios.

## 7. IMPUESTOS

A cargo del comprador. Se aplicarán sobre el importe de la factura según legislación vigente.

## 8. PROPIEDAD DE LA MERCANCÍA

Enertres, Energías Renovables S.L. se reserva el derecho de propiedad de la mercancía suministrada, hasta que el cliente no haya cubierto en su totalidad el importe de la misma, en cuyo caso se considera en concepto de depósito y custodia.

## 9. JURISDICCIÓN

Todos los compradores al igual que esta sociedad Enertres, Energías Renovables S.L. se someterán expresamente a la jurisdicción de los tribunales y juzgados de Vigo, con renuncia a cualquier otro fuero o jurisdicción.

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