



## 60 YEARS OF ITALIAN TRADITION

Luxor is an important industrial reality, world wide and European market leader in the production of flexible hoses and components for hydro and thermo-sanitary installations. Luxor has been the expression of the most prestigious made in Italy and the great Italian high technology mechanical workings tradition for fifty years; a quality certified and recognized by the most prestigious International Certification Institutes all over the world.

Our mission is the complete customer satisfaction through a process of continuous technological research in order to make high quality, reliable products, anticipating the market evolutions by innovative partnership with both customers and suppliers. Luxor mission takes

place in its own Research and Development Centre in which new and advanced technologies are constantly analyzed and researched with continuous investments to offer the most innovative and reliable solutions for the international markets at competitive costs, ensuring strict quality controls on each single piece.

Luxor entirely plans and realizes each product, thanks to its decennial know how. The great production strength, a "slender" innovative and advanced industrial organization together with a modern logistic conception, make Luxor able to satisfy every kind of request, even customized, with fast deliveries all over the world.



Luxor is certified  
ISO 9001:2015  
by DEKRA Group  
certification body

### CERTIFICATION



UNI EN 215  
EUROPE



KIWA-UNI  
ITALY



DVGW  
GERMANY



GERMANY



GERMANY



TÜV  
GERMANY



QB  
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FRANCE



SGW  
SWITZERLAND



WRAS  
GREAT BRITAIN



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DENMARK



SINTEF  
NORWAY



RISE  
SWEDEN



KIWA  
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Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter.

Please refer to [www.nsf.org](http://www.nsf.org) for a complete list of NSF approved products.

Please refer to [www.iapmort.org](http://www.iapmort.org) for a complete list of UPC/cUPC approved products.



LUXOR®

DISTRIBUTION MANIFOLDS

**2.4 / CD SERIES**

## CD DISTRIBUTION MANIFOLDS FOR HEATING SYSTEMS



\*In compliance with  
D.M. 174/2004

The CD series manifolds are obtained from drawn brass bar with yellow or nickel-plated finish.

**All manifolds undergo a post weld heat treatment to eliminate any tension caused from processing.** Do only use Luxor manifolds with Luxor accessories with soft o-ring sealing.

All of Luxor fittings and accessories for manifolds (such as drain valves, plugs, etc.) are provided with this kind of sealing and do not require the use of any intermediate element (PTFE, hemp, etc.), which could result in cracks.

**We recommend to tighten the fittings to a maximum torque of 60 Nm.**

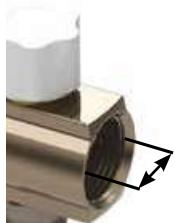
### TECHNICAL DATA

|                 |              |                                |                       |          |         |
|-----------------|--------------|--------------------------------|-----------------------|----------|---------|
|                 |              |                                |                       |          |         |
| Max temperature | Max pressure | Materials                      | Knob                  | Stem     | Testing |
| 120 °C          | 10 bar       | CW617N<br>UNI EN<br>12165:2016 | white ABS<br>RAL 9016 | AISI 316 | 100%    |

### TECHNICAL SPECIFICATIONS WITH FLOW REGULATORS ART. TM 4012

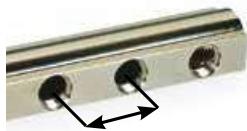
|                 |              |
|-----------------|--------------|
|                 |              |
| Max temperature | Max pressure |
| 70 °C           | 6 bar        |

### MAIN BODY CONNECTION



G 3/4  
G 1"  
G 1"1/4

### CENTRE TO CENTRE DISTANCE



G 3/4      40 mm  
G 1"      50 mm  
G 1"1/4      50 mm

### FLOW REGULATORS AND HOLDERS



With regulators and flow meters TM 4012, adjusting and balancing manifolds allow for an immediate verification of the system's balance by reading the flow rate. This adjustment can be locked through a block cap. The glass and the measuring spring can be disassembled for maintenance and cleaned while the system is operating. This kind of manifold must be installed on the inlet.



### LOCKSHIELD VALVE

Adjusting and balancing manifolds (lockshield type) feature a double micrometric adjustment with memory of position in case of temporary shutdowns and can be mounted both on inlets and outlets of the system.



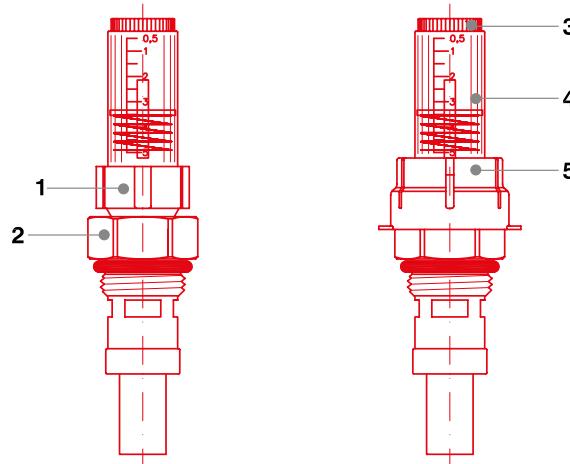
### CONVERTIBLE HEADWORK

The tightening device on the stem of the manifolds with built-in valves for thermoelectric adjustment can be inspected and replaced while the system is operating. The control stem is in AISI 316 stainless steel and its tightness is ensured by two peroxide cured EPDM o-rings.

All manifolds CD series are 100% tested with electronically controlled pneumatic seal test.

The characteristics of the fluid in the system must be compliant with the UNI 8065: 2019 directive.

## DISTRIBUTION MANIFOLDS FOR HEATING SYSTEMS WITH INLET REGULATOR / FLOW METERS



1. Adjusting collar
2. Fixing collar
3. Glass collar
4. Glass
5. Block cap

### ADJUSTMENT INSTRUCTIONS FOR MANIFOLDS WITH INLET REGULATOR/FLOW METERS

#### BALANCING OF THE HYDRAULIC CIRCUITS

The theoretical flow rate of a hydraulic circuit, assigned by a technician, is given by the adjustment carried out through the regulator/flow meters TM 4012 (code 69000010) assembled on the flow inlet.

The adjustment must be carried out with the valve on the return circuit fully open.

Since the flow rates of each heating ring affect each other, each single heating ring has to be adjusted until the values in litres/minute laid down in the project are satisfactorily reached.

#### SECURING HYDRAULIC BALANCE AGAINST TAMPERING

The regulator/flow meters adjustment can be secured through a block cap.

If needed, the caps can be sealed with iron wire and lead.

#### CLEANING

The glass and the measuring spring can be disassembled for maintenance and cleaned. This can be done as follows even while the system is operating:

- close the top meter and the screw placed on the return manifold;
- unscrew the glass applying strength on the collar and take it out – be careful not to lose the measuring spring;
- during this operation, a negligible water leakage will appear;
- if necessary, the glass can now be easily cleaned;
- to reassemble, follow the above instructions in reverse.

#### PRESSURE DROP

The total pressure drop of the heating circuit is made up by various pressure drops: water return valve, pipes and regulator/flow meters.

## DISTRIBUTION MANIFOLDS FOR HEATING SYSTEMS WITH BUILT-IN LOCKSHIELDS

### ADJUSTMENT INSTRUCTIONS FOR MANIFOLDS WITH LOCKSHIELDS

Unscrew the plug (1). Screw the obturator with a hex key until it reaches the closed position.

After these operations the lockshield is ready to be set.

The relation between the Kv value, the position of the obturator and the corresponding curve, are described in the differential pressure diagram chart. This means that by unscrewing the obturator for a certain number of turns, it is possible to obtain the required Kv value.

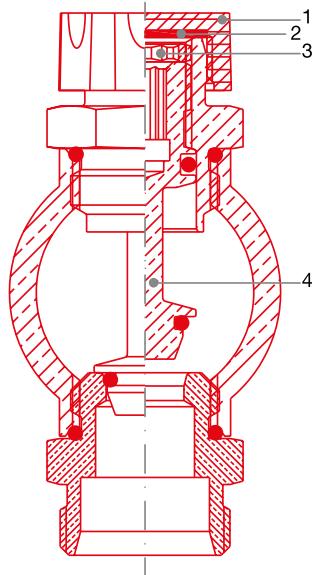
#### EXAMPLE

- Curve n. 1: 1/2 turn of the screw - Kv 0,09
- Curve n. 3: 1+1/2 turn of the screw - Kv 0,76

Using the collar code 33466656 (supplied separately) it is possible to create a mechanical stop of the obturator.

Once the flow rate has been set through the obturator, the regulating collar must be screwed to the obturator.

It is now possible to open and close the obturator without losing the position of the previously set regulation.

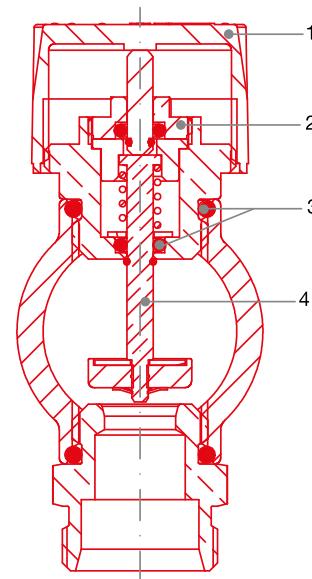


1. ABS plug
2. Gasket
3. Adjusting collar, code 33466656
4. Obturator

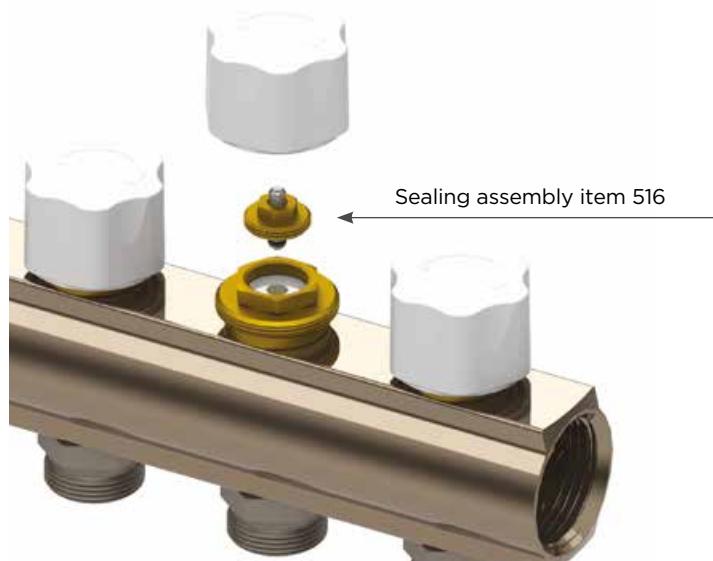
In case of water leakage from the screw stem, the sealing assembly can be tightened until the flow comes to a full stop.

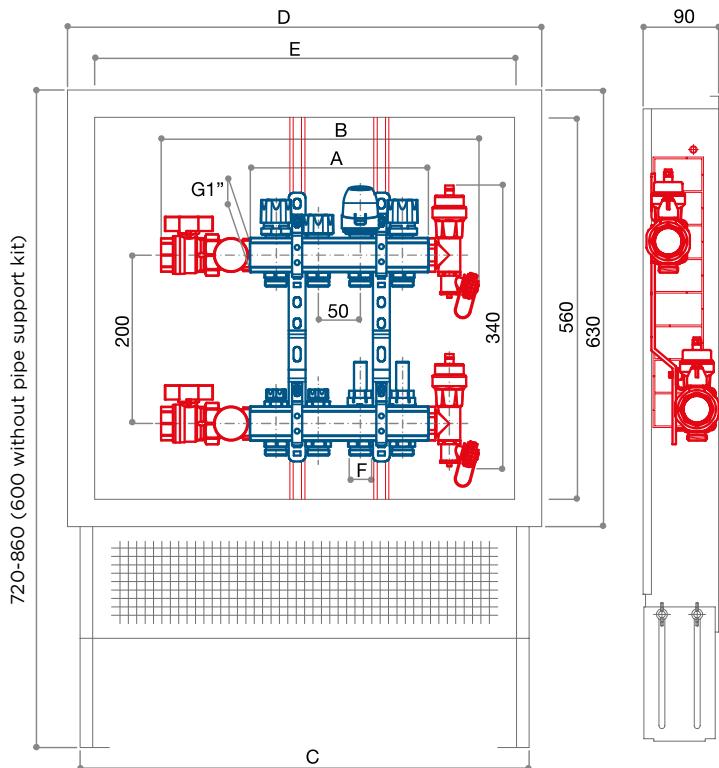
Should the leakage continue, the whole sealing assembly can be replaced by following the instructions below while the group is operating.

- Remove the protection cap, the knob, the thermostatic head or the thermoelectric head;
- Unscrew the sealing assembly with a 9mm key blocking the screw body with a 19mm key;
- Replace the part with article code 67980200 screwing it in with a 9mm key;
- Replace the protection cap, the knob, the thermostatic head or the thermoelectric head.

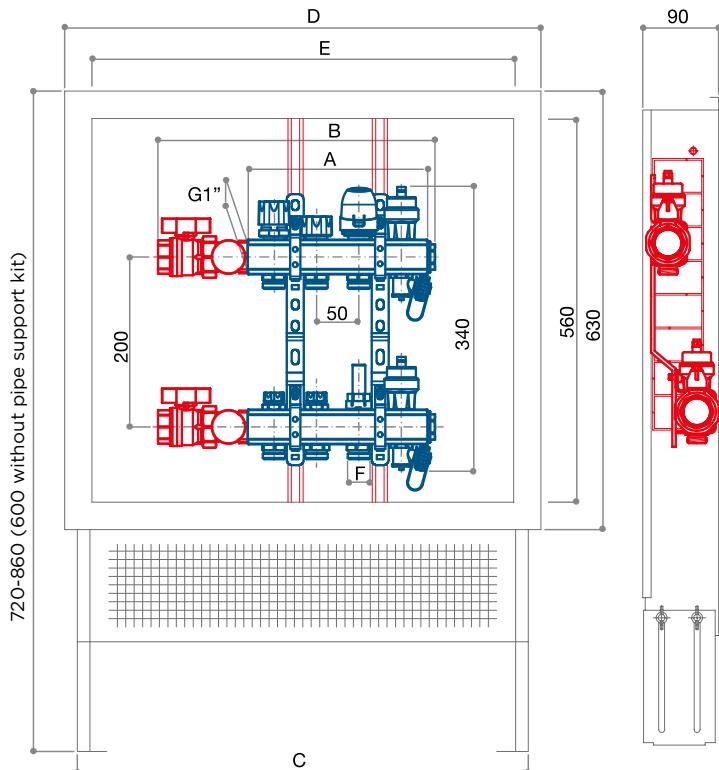


1. ABS plug or manual knob
2. Sealing assembly item 516
3. Gasket
4. Obturator



**G 1"****HOW TO CHOOSE THE RIGHT CABINET****G 1" MANIFOLD**

| OUTLETS | A   | B   | CABINETS |      |     | ITEM | CODE |
|---------|-----|-----|----------|------|-----|------|------|
|         |     |     | 500      | 700  | 850 |      |      |
| 2       | 112 | 276 |          |      |     |      |      |
| 3       | 162 | 326 |          |      |     |      |      |
| 4       | 212 | 376 |          |      |     |      |      |
| 5       | 262 | 426 |          |      |     |      |      |
| 6       | 312 | 476 |          |      |     |      |      |
| 7       | 362 | 526 |          |      |     |      |      |
| 8       | 412 | 576 |          |      |     |      |      |
| 9       | 462 | 626 |          |      |     |      |      |
| 10      | 512 | 676 |          |      |     |      |      |
| 11      | 562 | 726 |          |      |     |      |      |
| 12      | 612 | 776 |          |      |     |      |      |
| 13      | 662 | 826 | 1000     | 1060 | 990 |      |      |

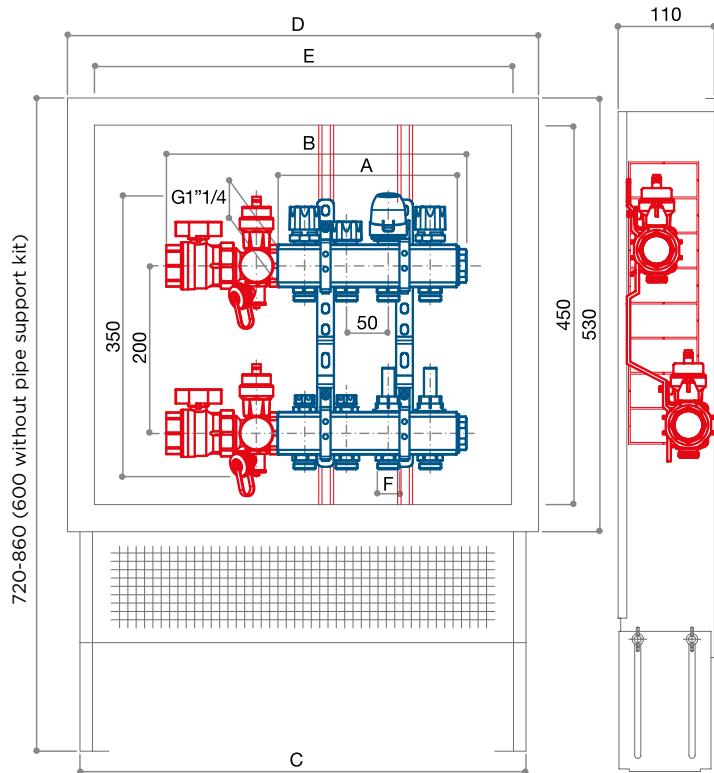
**G 1" MANIFOLD WITH DRAIN**

| OUTLETS | A   | B   | CABINETS |     |     | ART. | CODE |
|---------|-----|-----|----------|-----|-----|------|------|
|         |     |     | 500      | 700 | 850 |      |      |
| 2       | 162 | 276 |          |     |     |      |      |
| 3       | 212 | 326 |          |     |     |      |      |
| 4       | 262 | 376 |          |     |     |      |      |
| 5       | 312 | 426 |          |     |     |      |      |
| 6       | 362 | 476 |          |     |     |      |      |
| 7       | 412 | 526 |          |     |     |      |      |
| 8       | 462 | 576 |          |     |     |      |      |
| 9       | 512 | 626 |          |     |     |      |      |
| 10      | 562 | 676 |          |     |     |      |      |
| 11      | 612 | 726 |          |     |     |      |      |
| 12      | 662 | 776 |          |     |     |      |      |

# G 1"1/4

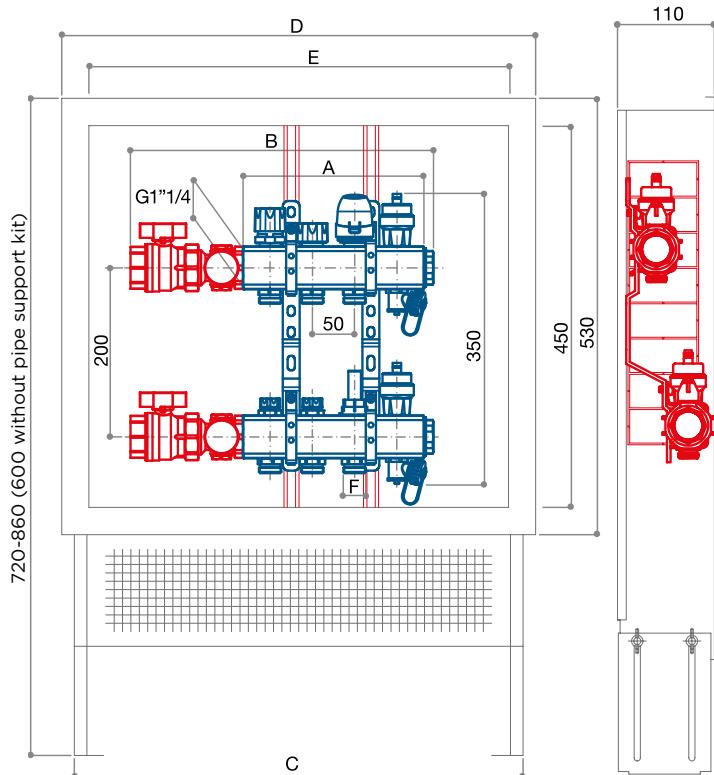
## HOW TO CHOOSE THE RIGHT CABINET

### G 1"1/4 MANIFOLD



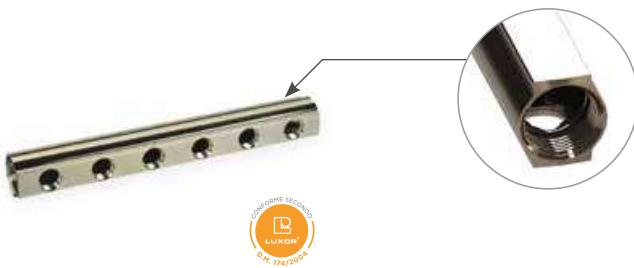
| OUTLETS | CABINETS |     |      |      |     |   | ITEM              | CODE            |
|---------|----------|-----|------|------|-----|---|-------------------|-----------------|
|         | A        | B   | C    | D    | E   | F |                   |                 |
| 2       | 114      | 260 |      |      |     |   |                   |                 |
| 3       | 164      | 310 | 500  | 565  | 490 |   | CF 485            | 68560705        |
| 4       | 214      | 360 |      |      |     |   |                   |                 |
| 5       | 264      | 410 |      |      |     |   |                   |                 |
| 6       | 314      | 460 |      |      |     |   |                   |                 |
| 7       | 364      | 510 | 700  | 765  | 690 |   | W24x19 - G 3/4 EK | CF 485 68560707 |
| 8       | 414      | 560 |      |      |     |   |                   |                 |
| 9       | 464      | 610 |      |      |     |   |                   |                 |
| 10      | 514      | 660 |      |      |     |   |                   |                 |
| 11      | 564      | 710 | 850  | 915  | 840 |   | CF 485            | 68560708        |
| 12      | 614      | 760 |      |      |     |   |                   |                 |
| 13      | 664      | 810 | 1000 | 1065 | 990 |   | CF 485            | 68560710        |

### G 1"1/4 MANIFOLD WITH DRAIN



| OUTLETS | CABINETS |     |      |      |     |   | ITEM              | CODE            |
|---------|----------|-----|------|------|-----|---|-------------------|-----------------|
|         | A        | B   | C    | D    | E   | F |                   |                 |
| 2       | 164      | 310 |      |      |     |   |                   |                 |
| 3       | 214      | 360 | 500  | 565  | 490 |   | CF 485            | 68560705        |
| 4       | 264      | 410 |      |      |     |   |                   |                 |
| 5       | 314      | 460 |      |      |     |   |                   |                 |
| 6       | 364      | 510 | 700  | 765  | 690 |   | W24x19 - G 3/4 EK | CF 485 68560707 |
| 7       | 414      | 560 |      |      |     |   |                   |                 |
| 8       | 464      | 610 |      |      |     |   |                   |                 |
| 9       | 514      | 660 |      |      |     |   |                   |                 |
| 10      | 564      | 710 | 850  | 915  | 840 |   | CF 485            | 68560708        |
| 11      | 614      | 760 |      |      |     |   |                   |                 |
| 12      | 664      | 810 | 1000 | 1065 | 990 |   | CF 485            | 68560710        |

## DISTRIBUTION MANIFOLDS FOR HEATING SYSTEMS



Distribution manifold.

**CD 451**Interaxis  
40 mm

| yellow surface | nickel plated | SIZE                | OUTLETS N° |   |   | kg    | box |
|----------------|---------------|---------------------|------------|---|---|-------|-----|
| CODE           | CODE          |                     |            | 2 | 3 |       |     |
| 17012102       | 17012102N     | G 3/4<br>x<br>G 1/2 | 2          | - | - | 0,298 | -   |
| 17012103       | 17012103N     |                     | 3          | - | - | 0,448 | -   |
| 17012104       | 17012104N     |                     | 4          | - | - | 0,596 | -   |
| 17012105       | 17012105N     |                     | 5          | - | - | 0,746 | -   |
| 17012106       | 17012106N     |                     | 6          | - | - | 0,894 | -   |
| 17012107       | 17012107N     |                     | 7          | - | - | 1,044 | -   |
| 17012108       | 17012108N     |                     | 8          | - | - | 1,192 | -   |
| 17012109       | 17012109N     |                     | 9          | - | - | 1,342 | -   |
| 17012110       | 17012110N     |                     | 10         | - | - | 1,490 | -   |
|                |               |                     |            |   |   |       | 15  |

**CD 456**Interaxis  
50 mm

| yellow surface | nickel plated | SIZE               | OUTLETS N° |   |   | kg    | box |
|----------------|---------------|--------------------|------------|---|---|-------|-----|
| CODE           | CODE          |                    |            | 2 | 3 |       |     |
| 15012102       | 15012102N     | G 1"<br>x<br>G 1/2 | 2          | - | - | 0,420 | -   |
| 15012103       | 15012103N     |                    | 3          | - | - | 0,630 | -   |
| 15012104       | 15012104N     |                    | 4          | - | - | 0,840 | -   |
| 15012105       | 15012105N     |                    | 5          | - | - | 1,050 | -   |
| 15012106       | 15012106N     |                    | 6          | - | - | 1,260 | -   |
| 15012107       | 15012107N     |                    | 7          | - | - | 1,470 | -   |
| 15012108       | 15012108N     |                    | 8          | - | - | 1,680 | -   |
| 15012109       | 15012109N     |                    | 9          | - | - | 1,890 | -   |
| 15012110       | 15012110N     |                    | 10         | - | - | 2,100 | -   |
| 15012111       | 15012111N     |                    | 11         | - | - | 2,310 | -   |
| 15012112       | 15012112N     |                    | 12         | - | - | 2,520 | -   |
|                |               |                    |            |   |   |       | 10  |

**CD 860**Interaxis  
50 mm

| yellow surface | nickel plated | SIZE                  | OUTLETS N° |   |   | kg    | box |
|----------------|---------------|-----------------------|------------|---|---|-------|-----|
| CODE           | CODE          |                       |            | 2 | 3 |       |     |
| 16012102       | 16012102N     | G 1"1/4<br>x<br>G 1/2 | 2          | - | - | 0,590 | -   |
| 16012103       | 16012103N     |                       | 3          | - | - | 0,866 | -   |
| 16012104       | 16012104N     |                       | 4          | - | - | 1,140 | -   |
| 16012105       | 16012105N     |                       | 5          | - | - | 1,416 | -   |
| 16012106       | 16012106N     |                       | 6          | - | - | 1,690 | -   |
| 16012107       | 16012107N     |                       | 7          | - | - | 1,966 | -   |
| 16012108       | 16012108N     |                       | 8          | - | - | 2,240 | -   |
| 16012109       | 16012109N     |                       | 9          | - | - | 2,516 | -   |
| 16012110       | 16012110N     |                       | 10         | - | - | 2,790 | -   |
| 16012111       | 16012111N     |                       | 11         | - | - | 3,066 | -   |
| 16012112       | 16012112N     |                       | 12         | - | - | 3,340 | -   |
|                |               |                       |            |   |   |       | 5   |



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe



Fittings: chapter 7

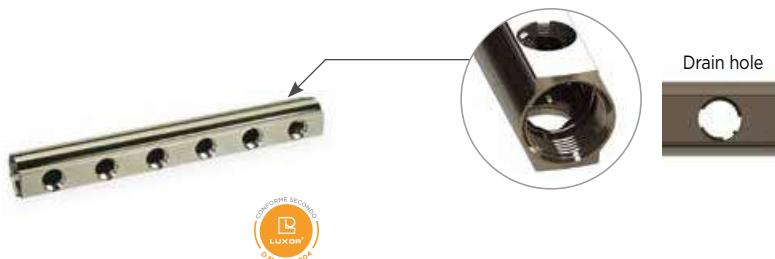


Accessories: chapter 2.A



In compliance with D.M. 174/2004

149



Distribution manifold with  
1/2 drain hole.

### **CD 457**

| yellow surface | nickel plated | SIZE               | OUTLETS N° |   |   |   |       |   |    |
|----------------|---------------|--------------------|------------|---|---|---|-------|---|----|
| CODE           | CODE          |                    |            |   |   |   |       |   |    |
| 15022102       | 15022102N     | G 1"<br>x<br>G 1/2 | 2          | - | - | - | 0,420 | - | 50 |
| 15022103       | 15022103N     |                    | 3          | - | - | - | 0,630 | - | 35 |
| 15022104       | 15022104N     |                    | 4          | - | - | - | 0,840 | - | 24 |
| 15022105       | 15022105N     |                    | 5          | - | - | - | 1,050 | - | 20 |
| 15022106       | 15022106N     |                    | 6          | - | - | - | 1,260 | - | 18 |
| 15022107       | 15022107N     |                    | 7          | - | - | - | 1,470 | - | 15 |
| 15022108       | 15022108N     |                    | 8          | - | - | - | 1,700 | - | 15 |
| 15022109       | 15022109N     |                    | 9          | - | - | - | 1,900 | - | 15 |
| 15022110       | 15022110N     |                    | 10         | - | - | - | 2,110 | - | 15 |
| 15022111       | 15022111N     |                    | 11         | - | - | - | 2,320 | - | 10 |
| 15022112       | 15022112N     |                    | 12         | - | - | - | 2,510 | - | 10 |

### **CD 861**

| yellow surface | nickel plated | SIZE                  | OUTLETS N° |   |   |   |       |   |    |
|----------------|---------------|-----------------------|------------|---|---|---|-------|---|----|
| CODE           | CODE          |                       |            |   |   |   |       |   |    |
| 16022102       | 16022102N     | G 1"1/4<br>x<br>G 1/2 | 2          | - | - | - | 0,570 | - | 30 |
| 16022103       | 16022103N     |                       | 3          | - | - | - | 0,860 | - | 20 |
| 16022104       | 16022104N     |                       | 4          | - | - | - | 1,130 | - | 15 |
| 16022105       | 16022105N     |                       | 5          | - | - | - | 1,390 | - | 12 |
| 16022106       | 16022106N     |                       | 6          | - | - | - | 1,680 | - | 10 |
| 16022107       | 16022107N     |                       | 7          | - | - | - | 1,940 | - | 10 |
| 16022108       | 16022108N     |                       | 8          | - | - | - | 2,210 | - | 10 |
| 16022109       | 16022109N     |                       | 9          | - | - | - | 2,470 | - | 10 |
| 16022110       | 16022110N     |                       | 10         | - | - | - | 2,760 | - | 10 |
| 16022111       | 16022111N     |                       | 11         | - | - | - | 3,040 | - | 5  |
| 16022112       | 16022112N     |                       | 12         | - | - | - | 3,290 | - | 5  |



















Pre-assembled distribution manifold  
with regulator/flow meters.

**CD 1474**

| yellow surface | nickel plated | SIZE                  | OUTLETS N° |       |       |       |       |   |    |  |
|----------------|---------------|-----------------------|------------|-------|-------|-------|-------|---|----|--|
| 15252402       | 15252402N     | G 1"<br>x<br>(W24x19) | 2          | TR 91 | TP 95 | TP 97 | 0,678 | - | 18 |  |
| 15252403       | 15252403N     |                       | 3          | TR 91 | TP 95 | TP 97 | 0,992 | - | 12 |  |
| 15252404       | 15252404N     |                       | 4          | TR 91 | TP 95 | TP 97 | 1,316 | - | 7  |  |
| 15252405       | 15252405N     |                       | 5          | TR 91 | TP 95 | TP 97 | 1,680 | - | 7  |  |
| 15252406       | 15252406N     |                       | 6          | TR 91 | TP 95 | TP 97 | 1,984 | - | 6  |  |
| 15252407       | 15252407N     |                       | 7          | TR 91 | TP 95 | TP 97 | 2,308 | - | 5  |  |
| 15252408       | 15252408N     |                       | 8          | TR 91 | TP 95 | TP 97 | 2,642 | - | 4  |  |
| 15252409       | 15252409N     |                       | 9          | TR 91 | TP 95 | TP 97 | 2,956 | - | 4  |  |
| 15252410       | 15252410N     |                       | 10         | TR 91 | TP 95 | TP 97 | 3,280 | - | 5  |  |
| 15252411       | 15252411N     |                       | 11         | TR 91 | TP 95 | TP 97 | 3,604 | - | 5  |  |
| 15252412       | 15252412N     |                       | 12         | TR 91 | TP 95 | TP 97 | 3,908 | - | 5  |  |

**CD 474**

| yellow surface | nickel plated | SIZE                  | OUTLETS N° |         |       |       |       |   |    |  |
|----------------|---------------|-----------------------|------------|---------|-------|-------|-------|---|----|--|
| 15252702       | 15252702N     | G 1"<br>x<br>G 3/4 EK | 2          | TR 91/A | TP 98 | TP 99 | 0,688 | - | 18 |  |
| 15252703       | 15252703N     |                       | 3          | TR 91/A | TP 98 | TP 99 | 1,007 | - | 12 |  |
| 15252704       | 15252704N     |                       | 4          | TR 91/A | TP 98 | TP 99 | 1,336 | - | 7  |  |
| 15252705       | 15252705N     |                       | 5          | TR 91/A | TP 98 | TP 99 | 1,705 | - | 7  |  |
| 15252706       | 15252706N     |                       | 6          | TR 91/A | TP 98 | TP 99 | 2,014 | - | 6  |  |
| 15252707       | 15252707N     |                       | 7          | TR 91/A | TP 98 | TP 99 | 2,343 | - | 5  |  |
| 15252708       | 15252708N     |                       | 8          | TR 91/A | TP 98 | TP 99 | 2,682 | - | 4  |  |
| 15252709       | 15252709N     |                       | 9          | TR 91/A | TP 98 | TP 99 | 3,008 | - | 4  |  |
| 15252710       | 15252710N     |                       | 10         | TR 91/A | TP 98 | TP 99 | 3,330 | - | 5  |  |
| 15252711       | 15252711N     |                       | 11         | TR 91/A | TP 98 | TP 99 | 3,659 | - | 5  |  |
| 15252712       | 15252712N     |                       | 12         | TR 91/A | TP 98 | TP 99 | 3,968 | - | 5  |  |

**CD 868**

| yellow surface | nickel plated | SIZE                     | OUTLETS N° |       |       |       |       |   |    |  |
|----------------|---------------|--------------------------|------------|-------|-------|-------|-------|---|----|--|
| 16252402       | 16252402N     | G 1"1/4<br>x<br>(W24x19) | 2          | TR 91 | TP 95 | TP 97 | 0,854 | - | 14 |  |
| 16252403       | 16252403N     |                          | 3          | TR 91 | TP 95 | TP 97 | 1,261 | - | 10 |  |
| 16252404       | 16252404N     |                          | 4          | TR 91 | TP 95 | TP 97 | 1,658 | - | 6  |  |
| 16252405       | 16252405N     |                          | 5          | TR 91 | TP 95 | TP 97 | 2,055 | - | 6  |  |
| 16252406       | 16252406N     |                          | 6          | TR 91 | TP 95 | TP 97 | 2,462 | - | 5  |  |
| 16252407       | 16252407N     |                          | 7          | TR 91 | TP 95 | TP 97 | 2,859 | - | 5  |  |
| 16252408       | 16252408N     |                          | 8          | TR 91 | TP 95 | TP 97 | 3,236 | - | 4  |  |
| 16252409       | 16252409N     |                          | 9          | TR 91 | TP 95 | TP 97 | 3,663 | - | 4  |  |
| 16252410       | 16252410N     |                          | 10         | TR 91 | TP 95 | TP 97 | 4,060 | - | 5  |  |
| 16252411       | 16252411N     |                          | 11         | TR 91 | TP 95 | TP 97 | 4,497 | - | 5  |  |
| 16252412       | 16252412N     |                          | 12         | TR 91 | TP 95 | TP 97 | 4,874 | - | 5  |  |

**CD 867**

| yellow surface | nickel plated | SIZE                     | OUTLETS N° |         |       |       |       |   |    |  |
|----------------|---------------|--------------------------|------------|---------|-------|-------|-------|---|----|--|
| 16252702       | 16252702N     | G 1"1/4<br>x<br>G 3/4 EK | 2          | TR 91/A | TP 98 | TP 99 | 0,864 | - | 14 |  |
| 16252703       | 16252703N     |                          | 3          | TR 91/A | TP 98 | TP 99 | 1,276 | - | 10 |  |
| 16252704       | 16252704N     |                          | 4          | TR 91/A | TP 98 | TP 99 | 1,678 | - | 6  |  |
| 16252705       | 16252705N     |                          | 5          | TR 91/A | TP 98 | TP 99 | 2,080 | - | 6  |  |
| 16252706       | 16252706N     |                          | 6          | TR 91/A | TP 98 | TP 99 | 2,492 | - | 5  |  |
| 16252707       | 16252707N     |                          | 7          | TR 91/A | TP 98 | TP 99 | 2,894 | - | 5  |  |
| 16252708       | 16252708N     |                          | 8          | TR 91/A | TP 98 | TP 99 | 3,276 | - | 4  |  |
| 16252709       | 16252709N     |                          | 9          | TR 91/A | TP 98 | TP 99 | 3,708 | - | 4  |  |
| 16252710       | 16252710N     |                          | 10         | TR 91/A | TP 98 | TP 99 | 4,110 | - | 5  |  |
| 16252711       | 16252711N     |                          | 11         | TR 91/A | TP 98 | TP 99 | 4,552 | - | 5  |  |
| 16252712       | 16252712N     |                          | 12         | TR 91/A | TP 98 | TP 99 | 4,934 | - | 5  |  |



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe



Fittings: chapter 7



Accessories: chapter 2.A





CONSUMO SECONDO  
LUXOR®  
D.M. 174/2004

Pre-assembled distribution manifold  
with manual valves and aluminium  
discs indicating connected devices.

### CD 101

| yellow surface | nickel plated | SIZE            | OUTLETS N° |       |       |       |       |   |    |
|----------------|---------------|-----------------|------------|-------|-------|-------|-------|---|----|
| 15312402       | 15312402N     | G 1" x (W24x19) | 2          | TR 91 | TP 95 | TP 97 | 0,642 | - | 24 |
| 15312403       | 15312403N     |                 | 3          | TR 91 | TP 95 | TP 97 | 0,933 | - | 18 |
| 15312404       | 15312404N     |                 | 4          | TR 91 | TP 95 | TP 97 | 1,244 | - | 12 |
| 15312405       | 15312405N     |                 | 5          | TR 91 | TP 95 | TP 97 | 1,555 | - | 10 |
| 15312406       | 15312406N     |                 | 6          | TR 91 | TP 95 | TP 97 | 1,866 | - | 9  |
| 15312407       | 15312407N     |                 | 7          | TR 91 | TP 95 | TP 97 | 2,177 | - | 8  |
| 15312408       | 15312408N     |                 | 8          | TR 91 | TP 95 | TP 97 | 2,468 | - | 8  |
| 15312409       | 15312409N     |                 | 9          | TR 91 | TP 95 | TP 97 | 2,809 | - | 8  |
| 15312410       | 15312410N     |                 | 10         | TR 91 | TP 95 | TP 97 | 3,090 | - | 8  |
| 15312411       | 15312411N     |                 | 11         | TR 91 | TP 95 | TP 97 | 3,401 | - | 8  |
| 15312412       | 15312412N     |                 | 12         | TR 91 | TP 95 | TP 97 | 3,692 | - | 8  |

### CD 100

| yellow surface | nickel plated | SIZE            | OUTLETS N° |         |       |       |       |   |    |
|----------------|---------------|-----------------|------------|---------|-------|-------|-------|---|----|
| 15312702       | 15312702N     | G 1" x G 3/4 EK | 2          | TR 91/A | TP 98 | TP 99 | 0,660 | - | 24 |
| 15312703       | 15312703N     |                 | 3          | TR 91/A | TP 98 | TP 99 | 0,960 | - | 18 |
| 15312704       | 15312704N     |                 | 4          | TR 91/A | TP 98 | TP 99 | 1,280 | - | 12 |
| 15312705       | 15312705N     |                 | 5          | TR 91/A | TP 98 | TP 99 | 1,600 | - | 10 |
| 15312706       | 15312706N     |                 | 6          | TR 91/A | TP 98 | TP 99 | 1,920 | - | 9  |
| 15312707       | 15312707N     |                 | 7          | TR 91/A | TP 98 | TP 99 | 2,240 | - | 8  |
| 15312708       | 15312708N     |                 | 8          | TR 91/A | TP 98 | TP 99 | 2,540 | - | 8  |
| 15312709       | 15312709N     |                 | 9          | TR 91/A | TP 98 | TP 99 | 2,890 | - | 8  |
| 15312710       | 15312710N     |                 | 10         | TR 91/A | TP 98 | TP 99 | 3,180 | - | 8  |
| 15312711       | 15312711N     |                 | 11         | TR 91/A | TP 98 | TP 99 | 3,500 | - | 8  |
| 15312712       | 15312712N     |                 | 12         | TR 91/A | TP 98 | TP 99 | 3,800 | - | 8  |



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe



Fittings: chapter 7



Accessories: chapter 2.A

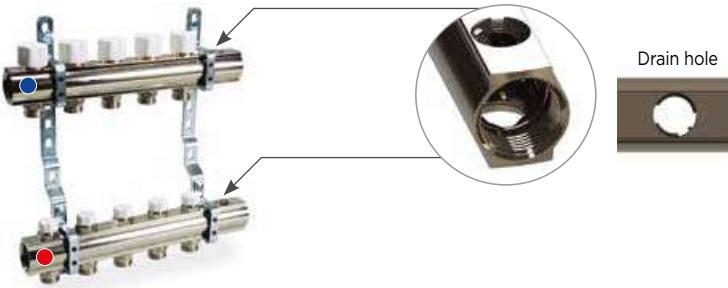


In compliance with D.M. 174/2004







**DISTRIBUTION MANIFOLDS / CD SERIES**


Pre-assembled distribution manifold with two 1/2 drain holes consisting of:

- 1 return manifold with built-in valves set for thermoelectric adjustment and protection caps
- 1 inlet manifold with built in lockshields fit for double regulation
- 2 metal brackets.

| yellow surface | nickel plated | SIZE | OUTLETS N° | G 1"<br>x<br>(W24x19) | TR 91   TP 95   TP 97   Kg   Pcs   Box |       |
|----------------|---------------|------|------------|-----------------------|--|-------|
| CODE           | CODE          |      |            |                       |  |       |
| 15522402       | 15522402N     | 2    | TR 91      | TP 95                 | TP 97                                  | 2,210 |
| 15522403       | 15522403N     |      | TR 91      | TP 95                 | TP 97                                  | 2,822 |
| 15522404       | 15522404N     |      | TR 91      | TP 95                 | TP 97                                  | 3,434 |
| 15522405       | 15522405N     |      | TR 91      | TP 95                 | TP 97                                  | 4,046 |
| 15522406       | 15522406N     |      | TR 91      | TP 95                 | TP 97                                  | 4,658 |
| 15522407       | 15522407N     |      | TR 91      | TP 95                 | TP 97                                  | 5,270 |
| 15522408       | 15522408N     |      | TR 91      | TP 95                 | TP 97                                  | 5,882 |
| 15522409       | 15522409N     |      | TR 91      | TP 95                 | TP 97                                  | 6,494 |
| 15522410       | 15522410N     |      | TR 91      | TP 95                 | TP 97                                  | 7,106 |
| 15522411       | 15522411N     |      | TR 91      | TP 95                 | TP 97                                  | 7,718 |
| 15522412       | 15522412N     |      | TR 91      | TP 95                 | TP 97                                  | 8,330 |

| yellow surface | nickel plated | SIZE | OUTLETS N° | G 1"<br>x<br>G 3/4 EK | TR 91/A   TP 98   TP 99   Kg   Pcs   Box |       |
|----------------|---------------|------|------------|-----------------------|--|-------|
| CODE           | CODE          |      |            |                       |  |       |
| 15522702       | 15522702N     | 2    | TR 91/A    | TP 98                 | TP 99                                    | 2,250 |
| 15522703       | 15522703N     |      | TR 91/A    | TP 98                 | TP 99                                    | 2,882 |
| 15522704       | 15522704N     |      | TR 91/A    | TP 98                 | TP 99                                    | 3,514 |
| 15522705       | 15522705N     |      | TR 91/A    | TP 98                 | TP 99                                    | 4,146 |
| 15522706       | 15522706N     |      | TR 91/A    | TP 98                 | TP 99                                    | 4,778 |
| 15522707       | 15522707N     |      | TR 91/A    | TP 98                 | TP 99                                    | 5,410 |
| 15522708       | 15522708N     |      | TR 91/A    | TP 98                 | TP 99                                    | 6,042 |
| 15522709       | 15522709N     |      | TR 91/A    | TP 98                 | TP 99                                    | 6,674 |
| 15522710       | 15522710N     |      | TR 91/A    | TP 98                 | TP 99                                    | 7,306 |
| 15522711       | 15522711N     |      | TR 91/A    | TP 98                 | TP 99                                    | 7,938 |
| 15522712       | 15522712N     |      | TR 91/A    | TP 98                 | TP 99                                    | 8,570 |

| yellow surface | nickel plated | SIZE | OUTLETS N° | G 1" 1/4<br>x<br>(W24x19) | TR 91   TP 95   TP 97   Kg   Pcs   Box |       |
|----------------|---------------|------|------------|---------------------------|--|-------|
| CODE           | CODE          |      |            |                           |  |       |
| 16522402       | 16522402N     | 2    | TR 91      | TP 95                     | TP 97                                  | 2,674 |
| 16522403       | 16522403N     |      | TR 91      | TP 95                     | TP 97                                  | 3,406 |
| 16522404       | 16522404N     |      | TR 91      | TP 95                     | TP 97                                  | 4,138 |
| 16522405       | 16522405N     |      | TR 91      | TP 95                     | TP 97                                  | 4,870 |
| 16522406       | 16522406N     |      | TR 91      | TP 95                     | TP 97                                  | 5,602 |
| 16522407       | 16522407N     |      | TR 91      | TP 95                     | TP 97                                  | 6,334 |
| 16522408       | 16522408N     |      | TR 91      | TP 95                     | TP 97                                  | 7,066 |
| 16522409       | 16522409N     |      | TR 91      | TP 95                     | TP 97                                  | 7,798 |
| 16522410       | 16522410N     |      | TR 91      | TP 95                     | TP 97                                  | 8,530 |
| 16522411       | 16522411N     |      | TR 91      | TP 95                     | TP 97                                  | 9,262 |
| 16522412       | 16522412N     |      | TR 91      | TP 95                     | TP 97                                  | 9,994 |

| yellow surface | nickel plated | SIZE | OUTLETS N° | G 1" 1/4<br>x<br>G 3/4 EK | TR 91/A   TP 98   TP 99   Kg   Pcs   Box |        |
|----------------|---------------|------|------------|---------------------------|--|--------|
| CODE           | CODE          |      |            |                           |  |        |
| 16522702       | 16522702      | 2    | TR 91/A    | TP 98                     | TP 99                                    | 2,714  |
| 16522703       | 16522703      |      | TR 91/A    | TP 98                     | TP 99                                    | 3,466  |
| 16522704       | 16522704      |      | TR 91/A    | TP 98                     | TP 99                                    | 4,218  |
| 16522705       | 16522705      |      | TR 91/A    | TP 98                     | TP 99                                    | 4,970  |
| 16522706       | 16522706      |      | TR 91/A    | TP 98                     | TP 99                                    | 5,722  |
| 16522707       | 16522707      |      | TR 91/A    | TP 98                     | TP 99                                    | 6,474  |
| 16522708       | 16522708      |      | TR 91/A    | TP 98                     | TP 99                                    | 7,226  |
| 16522709       | 16522709      |      | TR 91/A    | TP 98                     | TP 99                                    | 7,978  |
| 16522710       | 16522710      |      | TR 91/A    | TP 98                     | TP 99                                    | 8,730  |
| 16522711       | 16522711      |      | TR 91/A    | TP 98                     | TP 99                                    | 9,482  |
| 16522712       | 16522712      |      | TR 91/A    | TP 98                     | TP 99                                    | 10,234 |



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe



Fittings: chapter 7



Accessories: chapter 2.A





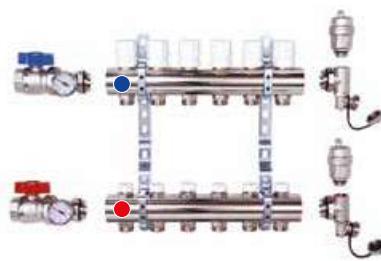








## PRE-ASSEMBLED MANIFOLDS WITH INSTALLATION ACCESSORIES



Pre-assembled distribution manifold consisting of:

- 1 return manifold with built-in valves set for thermoelectric adjustment and manual control knob
- 1 inlet manifold with built-in lockshields fit for double regulation.

### CD 465M

| CODE       | SIZE                  | OUTLETS N° |       |       |       |        |   |   |
|------------|-----------------------|------------|-------|-------|-------|--------|---|---|
| 15552402MN | G 1"<br>x<br>(W24x19) | 2          | TR 91 | TP 95 | TP 97 | 4,172  | 1 | - |
| 15552403MN |                       | 3          | TR 91 | TP 95 | TP 97 | 4,794  | 1 | - |
| 15552404MN |                       | 4          | TR 91 | TP 95 | TP 97 | 5,416  | 1 | - |
| 15552405MN |                       | 5          | TR 91 | TP 95 | TP 97 | 6,038  | 1 | - |
| 15552406MN |                       | 6          | TR 91 | TP 95 | TP 97 | 6,660  | 1 | - |
| 15552407MN |                       | 7          | TR 91 | TP 95 | TP 97 | 7,282  | 1 | - |
| 15552408MN |                       | 8          | TR 91 | TP 95 | TP 97 | 7,904  | 1 | - |
| 15552409MN |                       | 9          | TR 91 | TP 95 | TP 97 | 8,526  | 1 | - |
| 15552410MN |                       | 10         | TR 91 | TP 95 | TP 97 | 9,148  | 1 | - |
| 15552411MN |                       | 11         | TR 91 | TP 95 | TP 97 | 9,770  | 1 | - |
| 15552412MN |                       | 12         | TR 91 | TP 95 | TP 97 | 10,392 | 1 | - |
| 15552413MN |                       | 13         | TR 91 | TP 95 | TP 97 | 11,014 | 1 | - |

### CD 468M

| CODE       | SIZE                  | OUTLETS N° |         |       |       |        |   |   |
|------------|-----------------------|------------|---------|-------|-------|--------|---|---|
| 15552702MN | G 1"<br>x<br>G 3/4 EK | 2          | TR 91/A | TP 98 | TP 99 | 4,212  | 1 | - |
| 15552703MN |                       | 3          | TR 91/A | TP 98 | TP 99 | 4,854  | 1 | - |
| 15552704MN |                       | 4          | TR 91/A | TP 98 | TP 99 | 5,496  | 1 | - |
| 15552705MN |                       | 5          | TR 91/A | TP 98 | TP 99 | 6,138  | 1 | - |
| 15552706MN |                       | 6          | TR 91/A | TP 98 | TP 99 | 6,780  | 1 | - |
| 15552707MN |                       | 7          | TR 91/A | TP 98 | TP 99 | 7,422  | 1 | - |
| 15552708MN |                       | 8          | TR 91/A | TP 98 | TP 99 | 8,064  | 1 | - |
| 15552709MN |                       | 9          | TR 91/A | TP 98 | TP 99 | 8,706  | 1 | - |
| 15552710MN |                       | 10         | TR 91/A | TP 98 | TP 99 | 9,348  | 1 | - |
| 15552711MN |                       | 11         | TR 91/A | TP 98 | TP 99 | 9,990  | 1 | - |
| 15552712MN |                       | 12         | TR 91/A | TP 98 | TP 99 | 10,632 | 1 | - |
| 15552713MN |                       | 13         | TR 91/A | TP 98 | TP 99 | 11,274 | 1 | - |



Fittings for copper pipe



Fittings for plastic pipe



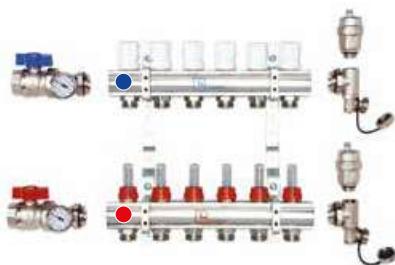
Fittings for multilayer pipe



Fittings: chapter 7



Accessories: chapter 2.A



Pre-assembled distribution manifold consisting of:

- 1 return manifold with built-in valves set for thermoelectric adjustment and manual control knob
- 1 inlet manifold with regulator/flow meters.

**CD 478M**

| CODE       | SIZE            | OUTLETS N° |       |       |       |        |   |   |
|------------|-----------------|------------|-------|-------|-------|--------|---|---|
| 15652402MN | G 1" X (W24x19) | 2          | TR 91 | TP 95 | TP 97 | 3,904  | 1 | - |
| 15652403MN |                 | 3          | TR 91 | TP 95 | TP 97 | 4,540  | 1 | - |
| 15652404MN |                 | 4          | TR 91 | TP 95 | TP 97 | 5,186  | 1 | - |
| 15652405MN |                 | 5          | TR 91 | TP 95 | TP 97 | 5,872  | 1 | - |
| 15652406MN |                 | 6          | TR 91 | TP 95 | TP 97 | 6,498  | 1 | - |
| 15652407MN |                 | 7          | TR 91 | TP 95 | TP 97 | 7,144  | 1 | - |
| 15652408MN |                 | 8          | TR 91 | TP 95 | TP 97 | 7,800  | 1 | - |
| 15652409MN |                 | 9          | TR 91 | TP 95 | TP 97 | 8,436  | 1 | - |
| 15652410MN |                 | 10         | TR 91 | TP 95 | TP 97 | 9,082  | 1 | - |
| 15652411MN |                 | 11         | TR 91 | TP 95 | TP 97 | 9,728  | 1 | - |
| 15652412MN |                 | 12         | TR 91 | TP 95 | TP 97 | 10,354 | 1 | - |
| 15652413MN |                 | 13         | TR 91 | TP 95 | TP 97 | 10,98  | 1 | - |

**CD 473M**

| CODE       | SIZE            | OUTLETS N° |         |       |       |        |   |   |
|------------|-----------------|------------|---------|-------|-------|--------|---|---|
| 15652702MN | G 1" X G 3/4 EK | 2          | TR 91/A | TP 98 | TP 99 | 3,934  | 1 | - |
| 15652703MN |                 | 3          | TR 91/A | TP 98 | TP 99 | 4,585  | 1 | - |
| 15652704MN |                 | 4          | TR 91/A | TP 98 | TP 99 | 5,246  | 1 | - |
| 15652705MN |                 | 5          | TR 91/A | TP 98 | TP 99 | 5,947  | 1 | - |
| 15652706MN |                 | 6          | TR 91/A | TP 98 | TP 99 | 6,588  | 1 | - |
| 15652707MN |                 | 7          | TR 91/A | TP 98 | TP 99 | 7,249  | 1 | - |
| 15652708MN |                 | 8          | TR 91/A | TP 98 | TP 99 | 7,920  | 1 | - |
| 15652709MN |                 | 9          | TR 91/A | TP 98 | TP 99 | 8,571  | 1 | - |
| 15652710MN |                 | 10         | TR 91/A | TP 98 | TP 99 | 9,232  | 1 | - |
| 15652711MN |                 | 11         | TR 91/A | TP 98 | TP 99 | 9,893  | 1 | - |
| 15652712MN |                 | 12         | TR 91/A | TP 98 | TP 99 | 10,534 | 1 | - |
| 15652713MN |                 | 13         | TR 91/A | TP 98 | TP 99 | 11,175 | 1 | - |



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe

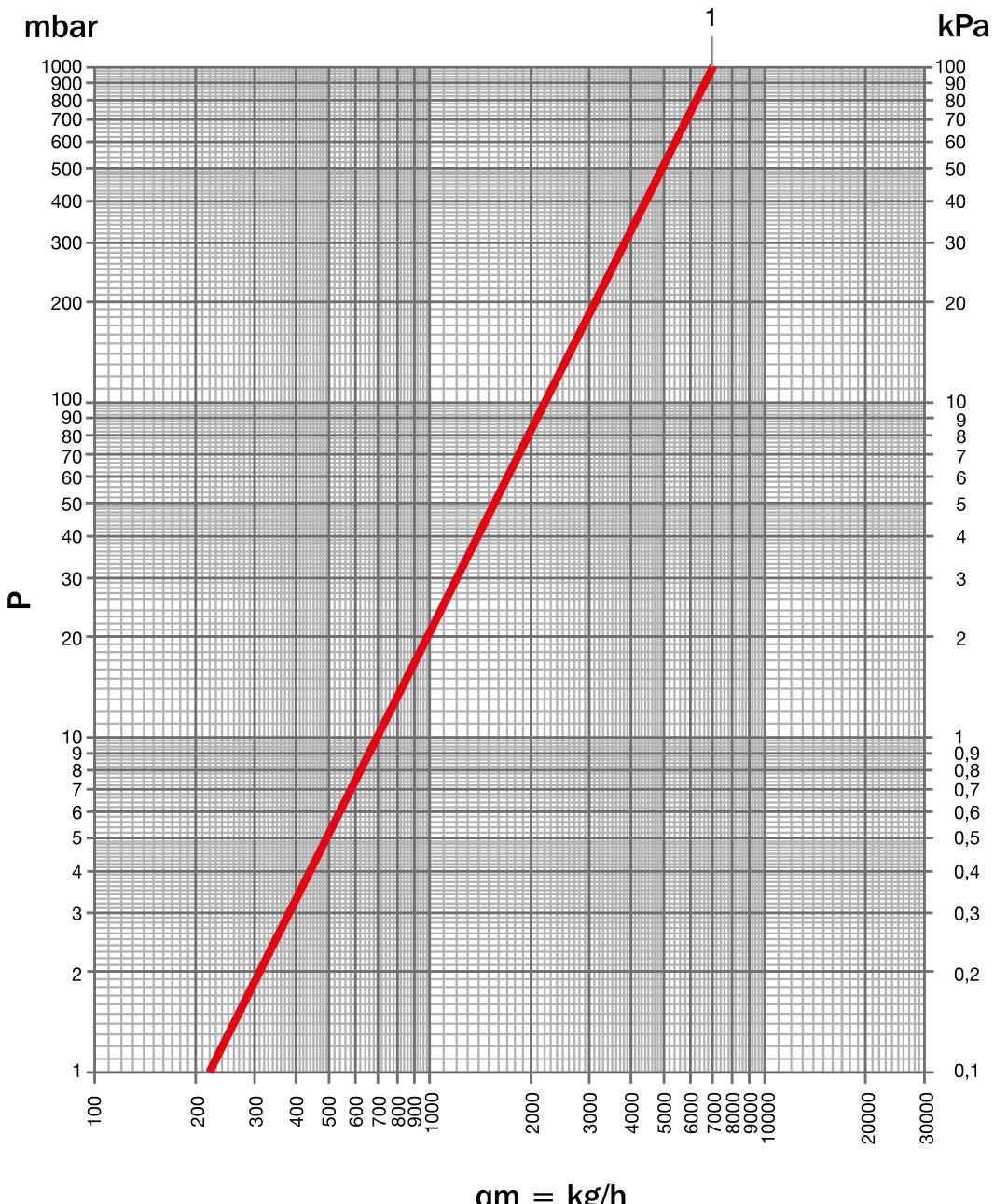


Fittings: chapter 7



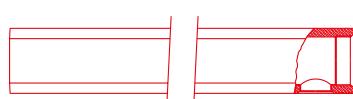
Accessories: chapter 2.A

MANIFOLDS FLOW RATE CHART  
DISTRIBUTION MANIFOLDS WITH FEMALE G 1/2 THREAD



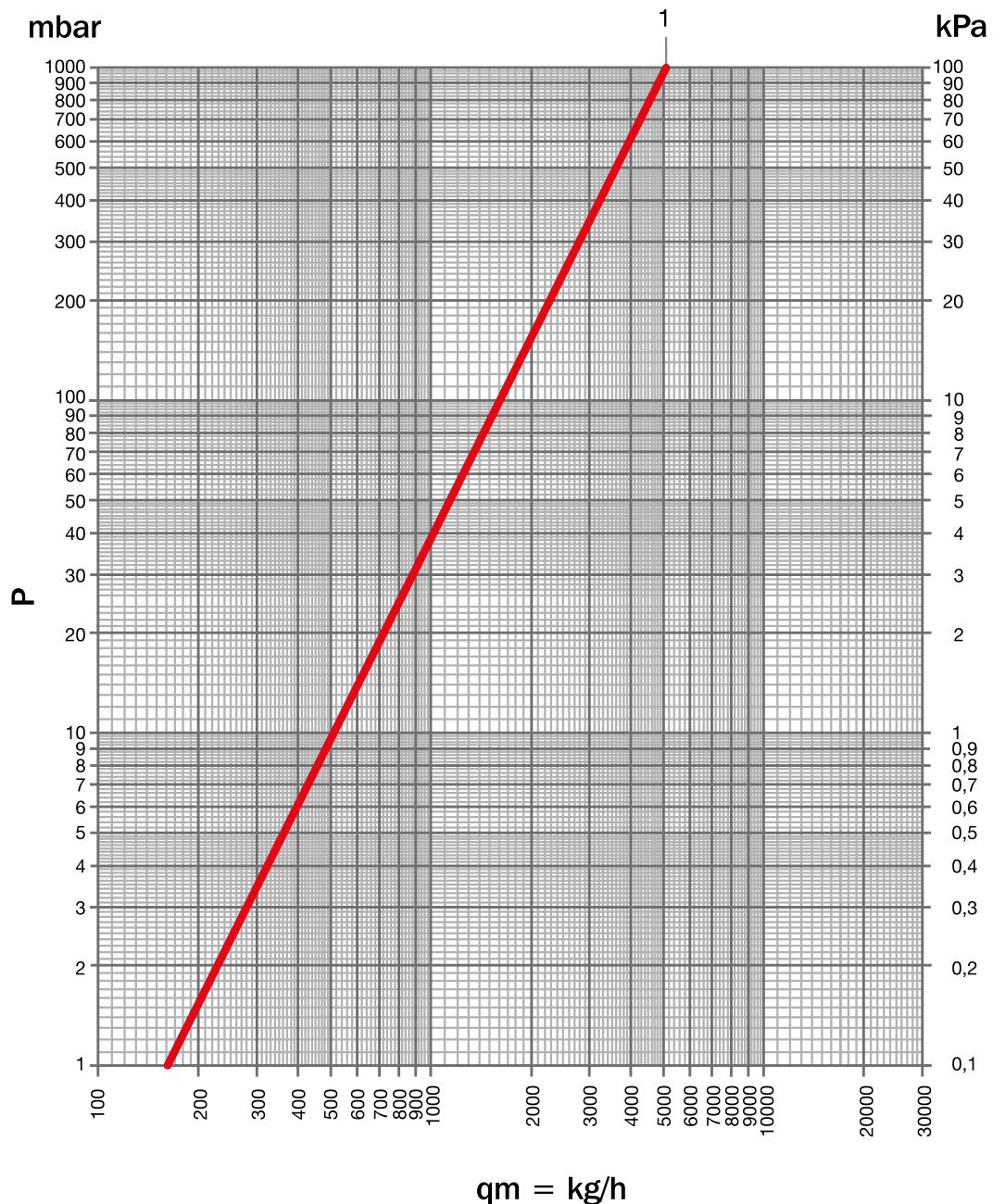
| ITEM   | SIZE    | DRAIN HOLE | Kvs  | POS |
|--------|---------|------------|------|-----|
| CD 451 | G 3/4   | NO         | 7.00 | 1   |
| CD 456 | G 1"    |            |      |     |
| CD 860 | G 1"1/4 | YES        |      |     |
| CD 457 | G 1"    |            |      |     |
| CD 861 | G 1"1/4 |            |      |     |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 3/4                   | 2250 l/h |
| G 1"                    | 3900 l/h |
| G 1"1/4                 | 6600 l/h |



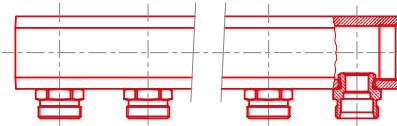
## MANIFOLDS FLOW RATE CHART

## DISTRIBUTION MANIFOLDS WITH PRE-ASSEMBLED RD 900 FITTINGS

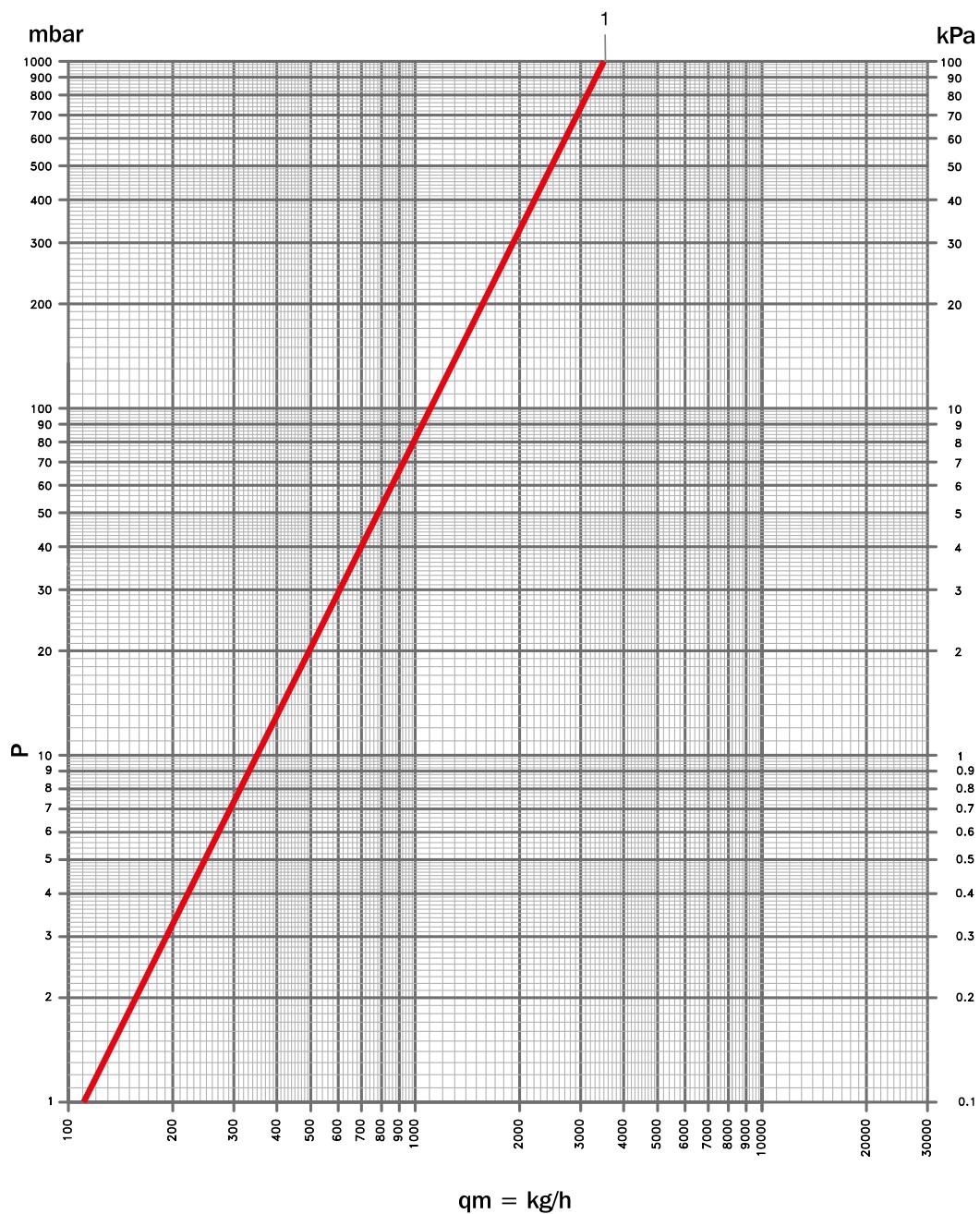


| ITEM   | SIZE    | DRAIN HOLE | Kvs | POS |
|--------|---------|------------|-----|-----|
| CD 459 |         |            |     |     |
| CD 461 | G 1"    |            |     |     |
| CD 862 |         | NO         |     |     |
| CD 864 | G 1"1/4 |            |     |     |
| CD 460 |         |            |     |     |
| CD 462 | G 1"    |            |     |     |
| CD 863 |         | YES        |     |     |
| CD 865 | G 1"1/4 |            |     |     |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 3900 l/h |
| G 1"1/4                 | 6600 l/h |

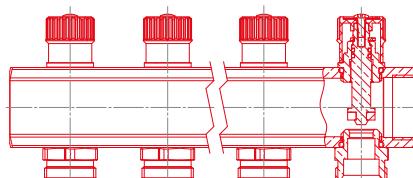


MANIFOLDS FLOW RATE CHART  
PRE-ASSEMBLED DISTRIBUTION MANIFOLD WITH MANUAL VALVES



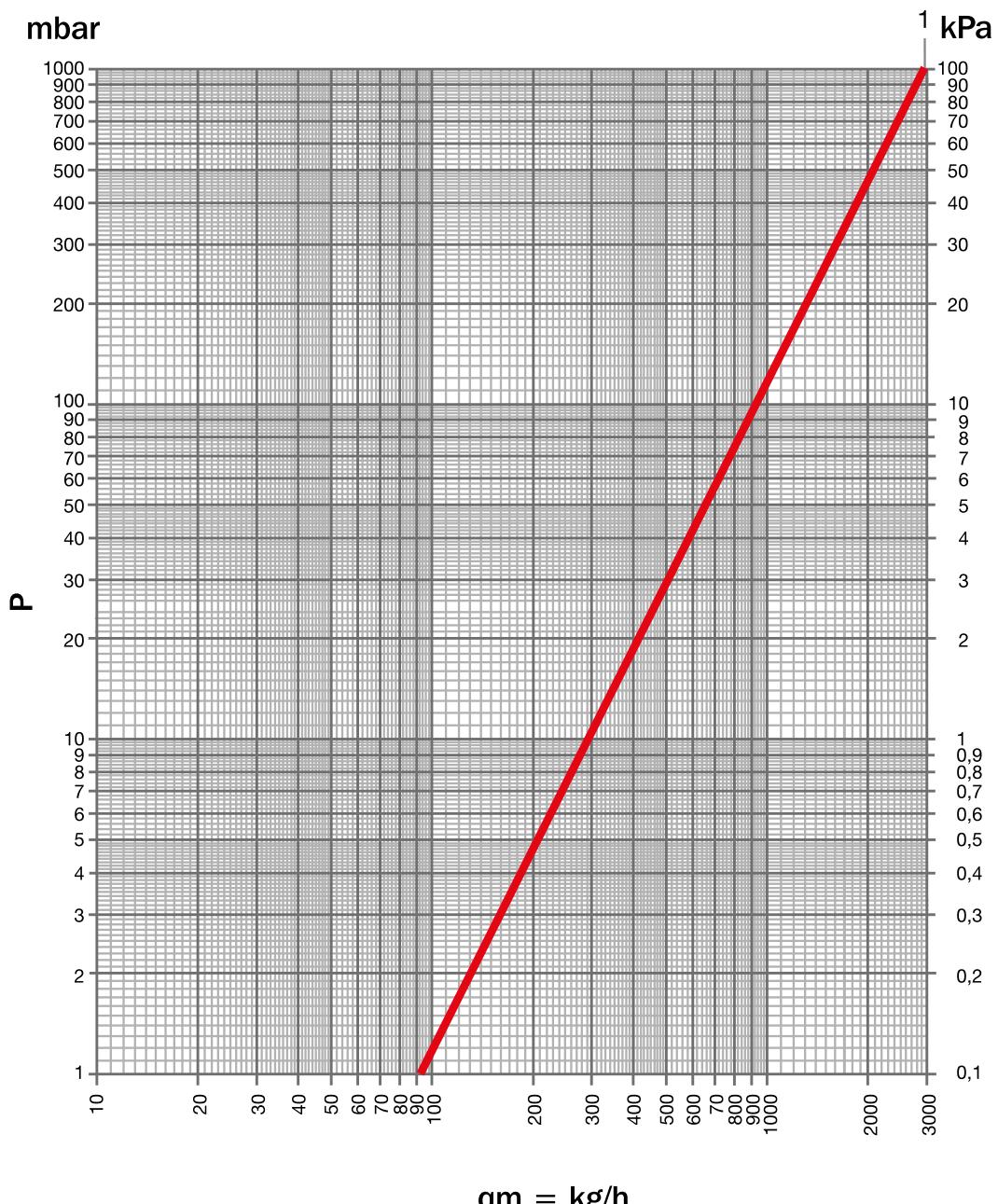
| ITEM   | SIZE | Kvs | POS |
|--------|------|-----|-----|
| CD 100 | G 1" | 3.5 | 1   |
| CD 101 |      |     |     |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 3900 l/h |



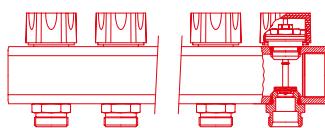
## MANIFOLDS FLOW RATE CHART

PRE-ASSEMBLED DISTRIBUTION MANIFOLDS WITH FIT-IN VALVES



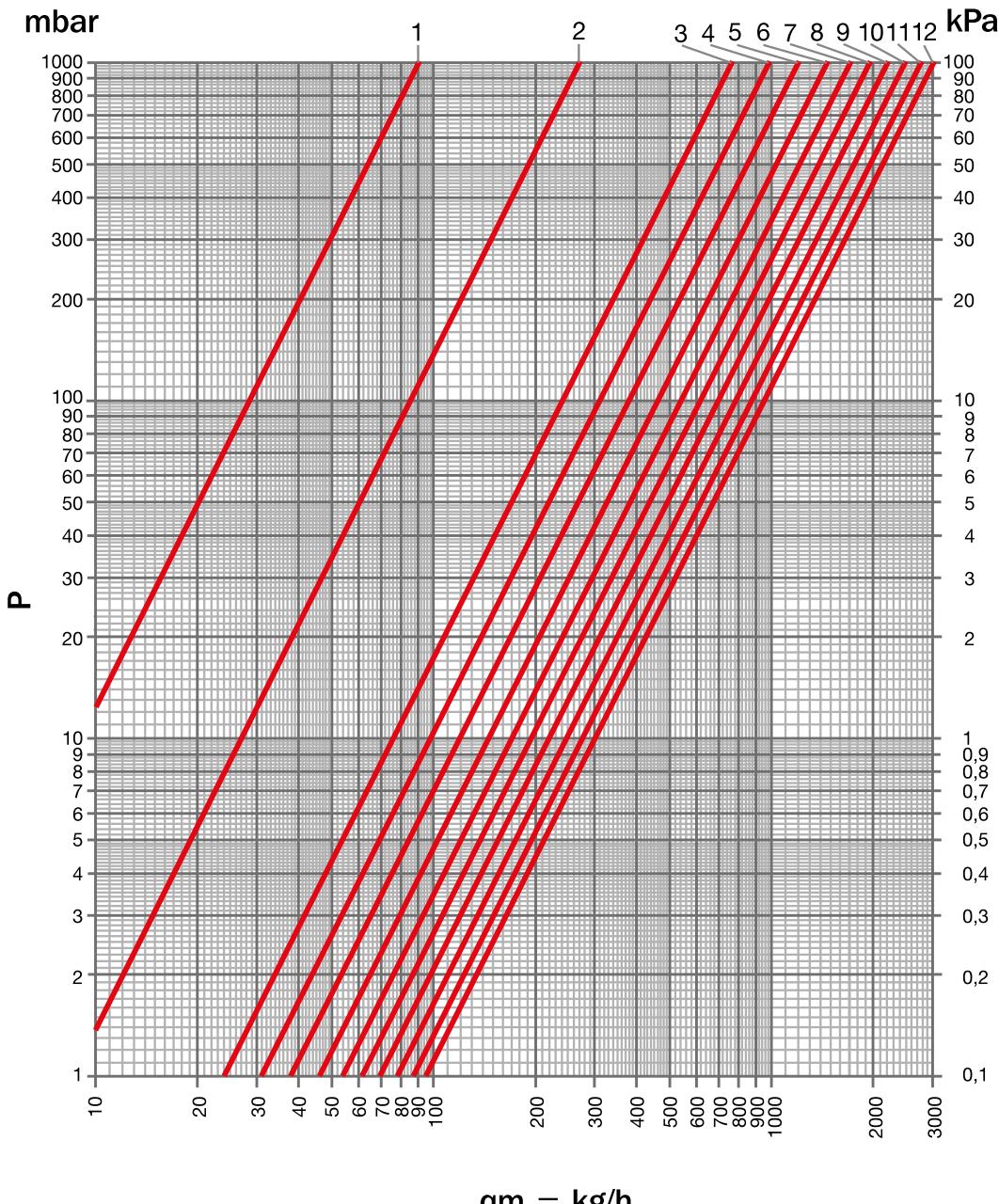
| ITEM                               | SIZE    | DRAIN HOLE | Kvs  | POS |
|------------------------------------|---------|------------|------|-----|
| CD 1466 CD 466<br>CD 1446 CD 446   | G 1"    |            |      |     |
| CD 875 CD 871<br>CD 876 CD 872     | G 1"1/4 | NO         |      |     |
| CD 3466 CD 2466<br>CD 3446 CD 2446 | G 1"    |            | 2.98 | 1   |
| CD 877 CD 873<br>CD 878 CD 874     | G 1"1/4 | YES        |      |     |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 3900 l/h |
| G 1"1/4                 | 6600 l/h |



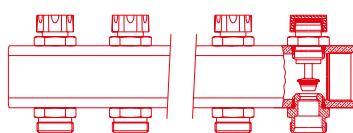
## MANIFOLDS FLOW RATE CHART

## DISTRIBUTION MANIFOLDS WITH LOCKSHIELDS



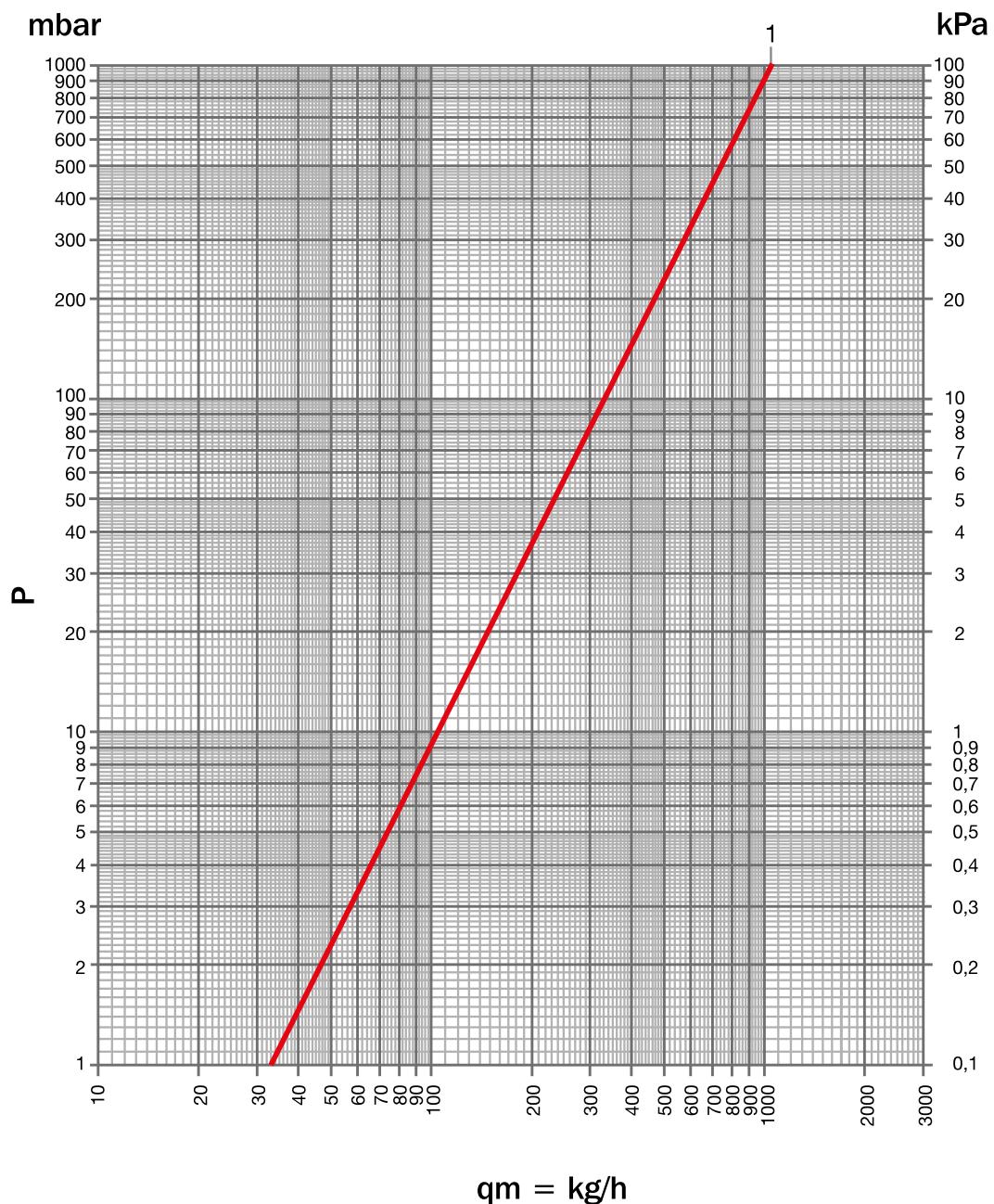
| ITEM    | SIZE    | TURNS N° | DRAIN HOLE | Kvs  | POS |
|---------|---------|----------|------------|------|-----|
| CD 449  | G 1"    | 1/2      |            | 0,09 | 1   |
| CD 448  | G 1"    | 1        |            | 0,27 | 2   |
| CD 879  | G 1"1/4 | 1+1/2    |            | 0,76 | 3   |
| CD 880  | G 1"1/4 | 2        |            | 0,98 | 4   |
| CD 1449 | G 1"    | 2+1/2    |            | 1,20 | 5   |
| CD 1448 | G 1"    | 3        |            | 1,46 | 6   |
| CD 881  | G 1"1/4 | 3+1/2    |            | 1,70 | 7   |
| CD 882  | G 1"1/4 | 4        |            | 1,93 | 8   |
|         |         | 4+1/2    |            | 2,19 | 9   |
|         |         | 5        |            | 2,47 | 10  |
|         |         | 5+1/2    | YES        | 2,75 | 11  |
|         |         | all open |            | 3,01 | 12  |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 2400 l/h |
| G 1"1/4                 | 4200 l/h |



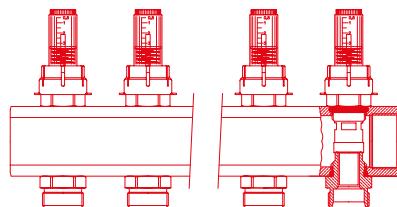
## MANIFOLDS FLOW RATE CHART

## DISTRIBUTION MANIFOLDS WITH FLOW METER TM

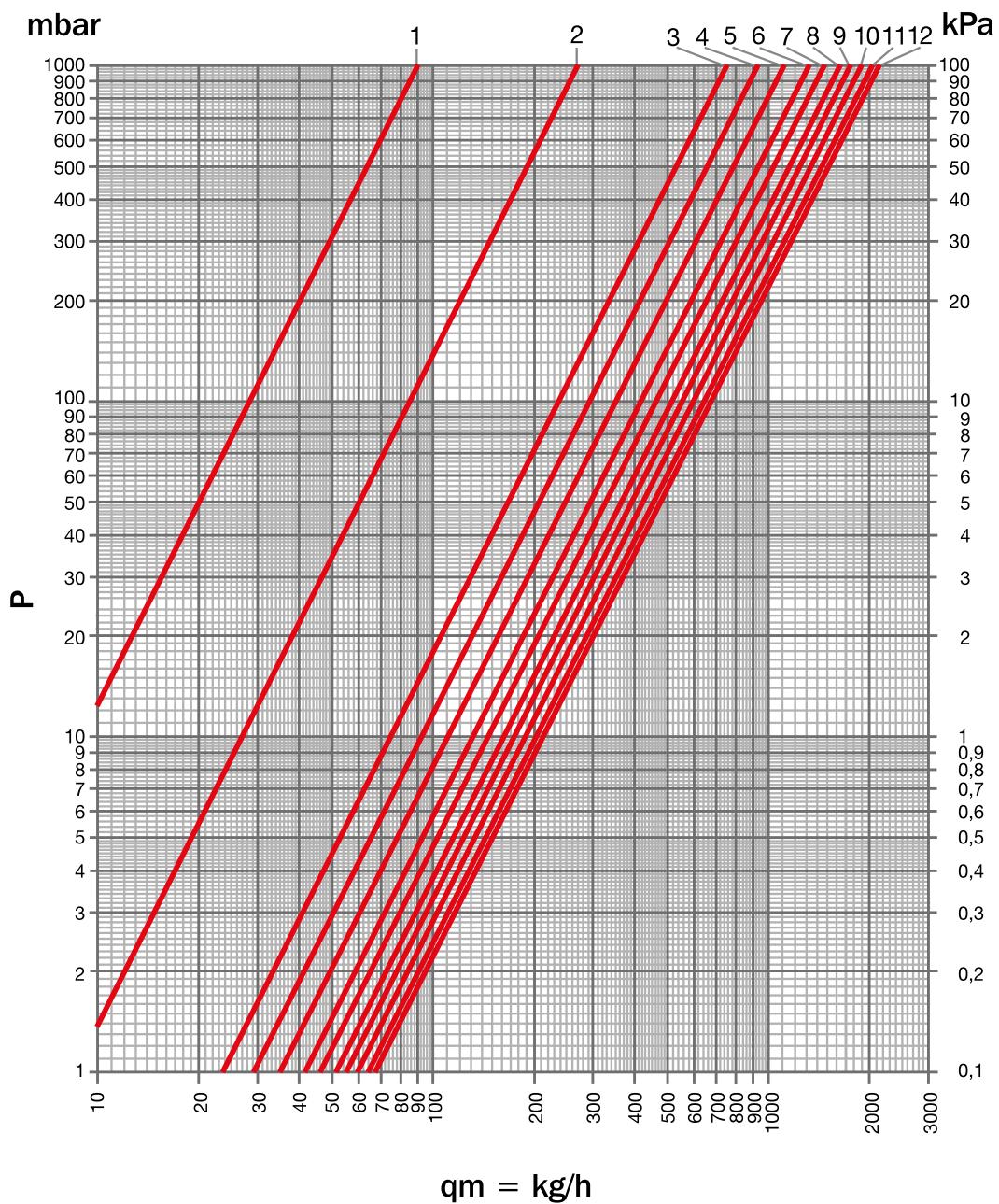


| ITEM    | SIZE    | CD + TM | DRAIN HOLE | Kvs  | POS |  |  |
|---------|---------|---------|------------|------|-----|--|--|
| CD 1474 | G 1"    | TM 4012 | NO         | 1,05 | 1   |  |  |
| CD 474  | G 1"    |         |            |      |     |  |  |
| CD 868  | G 1"1/4 |         | YES        |      |     |  |  |
| CD 867  | G 1"1/4 |         |            |      |     |  |  |
| CD 3474 | G 1"    |         |            |      |     |  |  |
| CD 2474 | G 1"    |         |            |      |     |  |  |
| CD 870  | G 1"1/4 |         |            |      |     |  |  |
| CD 869  | G 1"1/4 |         |            |      |     |  |  |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 1350 l/h |
| G 1"1/4                 | 3150 l/h |

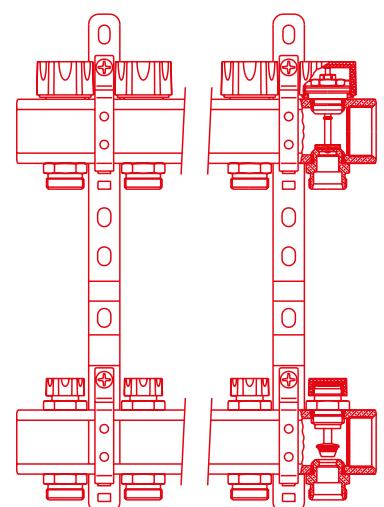


MANIFOLDS FLOW RATE CHART  
DISTRIBUTION MANIFOLDS WITH BUILT IN LOCKSHIELDS



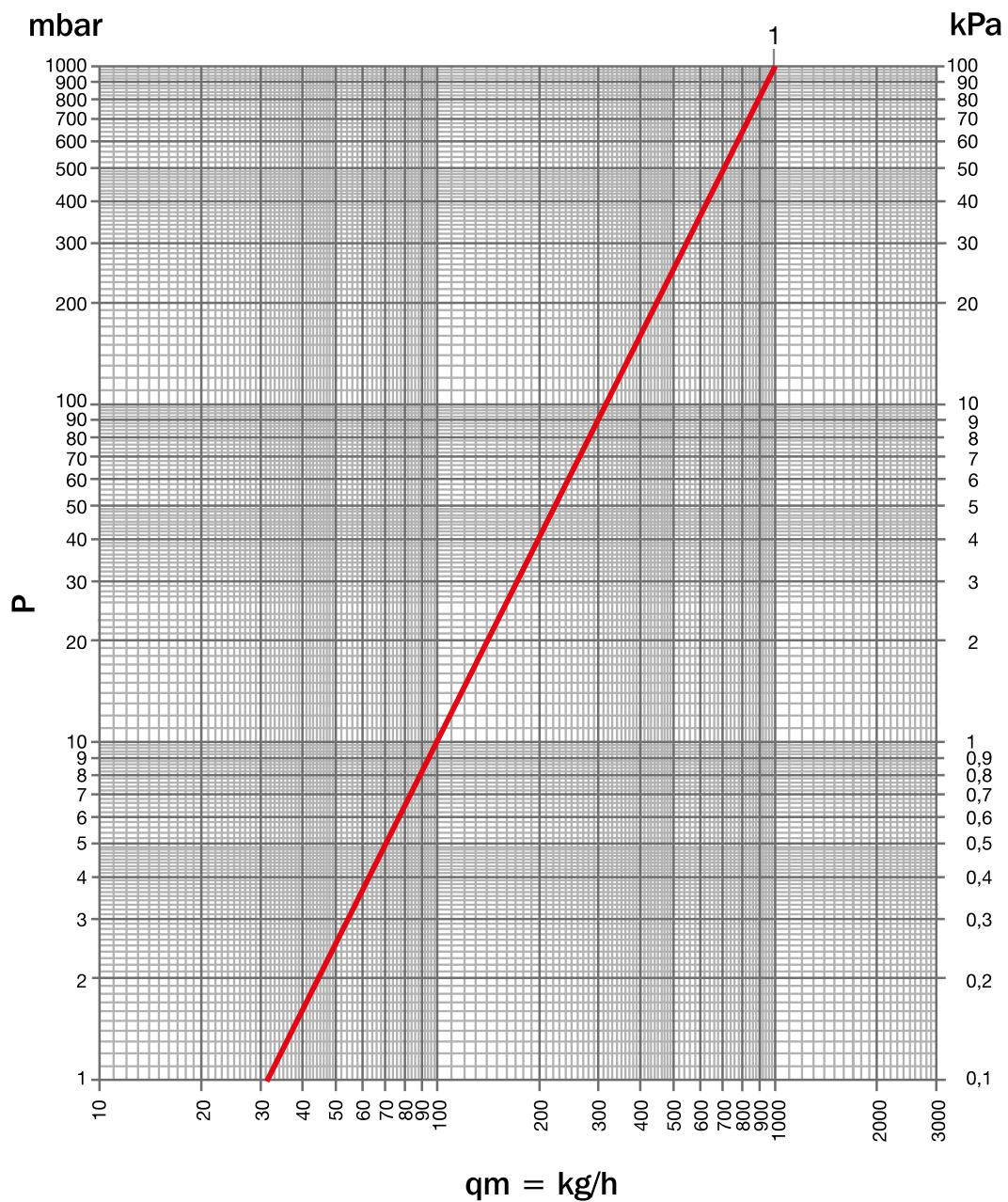
| ITEM              | SIZE    | URNS N°  | DRAIN HOLE | Kvs  | POS |
|-------------------|---------|----------|------------|------|-----|
| CD 2465 - CD 2468 | G 1"    | 1/2      | NO         | 0,09 | 1   |
| CD 2865 - CD 2868 | G 1"1/4 | 1        |            | 0,27 | 2   |
| CD 2467 - CD 2469 | G 1"    | 1+1/2    |            | 0,75 | 3   |
| CD 2867 - CD 2869 | G 1"1/4 | 2        | YES        | 0,93 | 4   |
| CD 465 - CD 468   | G 1"    | 2+1/2    |            | 1,11 | 5   |
| CD 1865 - CD 1868 | G 1"1/4 | 3        | YES        | 1,31 | 6   |
| CD 467 - CD 469   | G 1"    | 3+1/2    |            | 1,48 | 7   |
| CD 1867 - CD 1869 | G 1"1/4 | 4        | NO         | 1,62 | 8   |
|                   |         | 4+1/2    |            | 1,76 | 9   |
|                   |         | 5        | NO         | 1,90 | 10  |
|                   |         | 5+1/2    |            | 2,02 | 11  |
|                   |         | all open | YES        | 2,12 | 12  |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 2400 l/h |
| G 1"1/4                 | 4200 l/h |



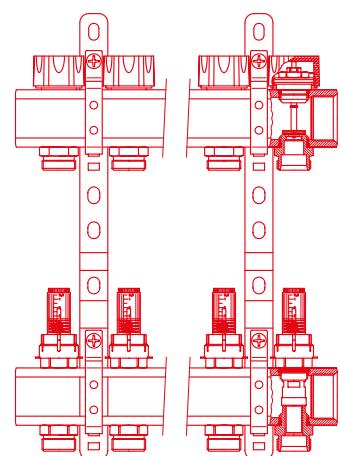
## MANIFOLDS FLOW RATE CHART

## DISTRIBUTION MANIFOLDS WITH FLOW METER TM



| ITEM              | SIZE    | CD + TM | DRAIN HOLE | Kvs  | POS |
|-------------------|---------|---------|------------|------|-----|
| CD 2478 - CD 2473 | G 1"    | TM 4012 | NO         | 0,99 | 1   |
| CD 2878 - CD 2873 | G 1"1/4 |         | YES        |      |     |
| CD 2479 - CD 2477 | G 1"    |         | NO         |      |     |
| CD 2879 - CD 2877 | G 1"1/4 |         | YES        |      |     |
| CD 478 - CD 473   | G 1"    |         | NO         |      |     |
| CD 1878 - CD 1873 | G 1"1/4 |         | NO         |      |     |
| CD 479 - CD 477   | G 1"    |         | YES        |      |     |
| CD 1879 - CD 1877 | G 1"1/4 |         |            |      |     |

| MAX SUGGESTED FLOW RATE |          |
|-------------------------|----------|
| G 1"                    | 1350 l/h |
| G 1"1/4                 | 3150 l/h |



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## CONDITION OF SALE

### ORDERS

Contracts entered by agents or representative are not definitive until they are regularly accepted by supplier. The orders sent either through our Agents or directly, are accepted under the "General Sales Conditions" described in the present Price List terms, and will agree, without reservation, to the terms below.

### INCOTERMS

The consignments are always Ex works unless differently agreed in the sales contract.

### PAYMENT TERMS

The payment terms are those specified in the offers and the order confirmation and are binding.

In case of delay of payment with respect to the agreed due terms, the commercial interest shall be calculated. The delayed payment of previous supplies will authorize us to cancel all orders in progress. Agents and representative are not entitled to collect credits, unless clearly authorised in writing by the supplier.

### CLAIMS

Claims on quantities will be accepted within 8 days from the date of receipt of goods. The supplier will not be responsible for missing or damaged packages, unless in the despatch note it is clearly written "accepted with reservation".

### COURT

For any controversies the place of jurisdiction shall be: the Court of Law of Brescia.

### PRICES

Prices indicated are those clearly agreed in the contract sales confirmed by our order confirmation.

### DELIVERY TERMS

The articles part of this catalogue will be consigned within a term of 90 days from order acceptance. Any date inferior to this term is not to be considered accepted unless confirmed in order confirmation.

The delivery times are not binding for the supplier, who will not respond for any damages arising directly or indirectly from delivery delays, or from a total or partial interruption of the supply.

### PACKAGING

The standard packaging is at suppliers charges.

The standard packaging does not include special out of size or particular. Where any special packaging is required this will be at customer's charges, unless previously agreed in writing in the contract sales.

### RETURN OF GOODS

No goods will be accepted without our previous authorization.

### MINIMUM ORDER VALUE

The supplier in addition to checking the feasibility will have the right to deliver orders with a minimum value of 500 Euro.

### WARRANTY

The guarantee terms refer to article 3 and 5 of the 199/44/CE Directive. The guarantee is supported by an adequate insurance policy for the "Product Third Party Liability". The guarantee declines any responsibility whereas the installation and the test have not been correctly carried out. The wholesalers and the retailers are compelled to illustrate to their customers and installers all the useful care for a correct installation of our materials.

### CATALOGUE VALIDITY

Illustrations, data and references published in this issue are not binding on the supplier who reserves the right to make reasonable changes, both technical and commercial, at his discretion at any time, still without lowering the design performance of the goods.