

Tender specification:

Stainless steel distributor/collector for radiator connection, pre-assembled.

Flow distributor and return collector made of stainless steel (1.4301) with nipples with G 3/4 male threaded connection according to DIN EN 16313 (cone “Euro”) for Oventrop compression fittings, collar nuts with G 1 female thread for the direct connection of flat sealing ball valves, vent plug G 1/2 with rotating outlet and blind plugs G 1/2 and G 3/4. All brass components are nickel plated.

Brackets made of galvanised steel for the installation of the distributor/collector into the cabinet or onto the wall are loosely added. The sound insulation of the pipe clamps corresponds to DIN 4109, sound insulation in building construction.

Technical data:

k_{VS} value:	1.5 m ³ /h (one heating circuit connection)
Max. operating temperature t_S :	+100 °C
Min. operating temperature t_S :	-10 °C
Max. operating pressure p_S :	1000 kPa (10 bar)
Fluid:	Water or suitable ethylene/propylene glycol water mixtures according to VDI 2035/ÖNORM 5195 (max. glycol proportion 50 %, pH value 6.5-10). Not suitable for steam, oily and aggressive fluids.

Application:

The Oventrop distributors/collectors are designed for central heating and cooling systems with closed circuits and circulation pump for operation with non-aggressive, harmless fluids. They may be used for both, one and two pipe systems.

In two pipe systems, one radiator per outlet is directly connected to the supply and return pipe of the distributor/collector. If several radiators are to be supplied via one riser, Oventrop offers the so-called “h-system”.

In one pipe systems, a hydronic balancing of individual risers at the distributor/collector may become necessary. In this case, the return collector additionally has to be equipped with return flow lockshield valves “Combi 2”, item no. 1401194.

The use of Oventrop compression fittings allows for a free choice of material and dimension of the connecting pipes between the distributor/collector and the radiators.

The Oventrop composition pipe “Copipe” sized 14 x 2.0 mm, 16 x 2.0 mm, 18 x 2.0 mm and 20 x 2.5 mm enables a fast and safe installation.

Compression fittings are available for copper and soft steel pipes with an outer diameter of 10 to 18 mm. When using soft pipes or pipes with a wall thickness of 1 mm, reinforcing sleeves have to be used.

The compression fittings for standardised plastic pipes made of cross linked polyethylene PE-X and polybutene PB cover the outer pipe dimensions of 12 to 20 mm.

The supply and return pipe may be connected either to the left or the right hand side of the ball valve.

The brackets allow for the fixing of the distributor/collector into the cabinet or onto the wall.

When using a heat meter, its installation lengths have to be taken into consideration for the choice of the cabinet. To enlarge the depth of the cabinet, the frame and the door have to be pulled out.

The supply of the stainless steel distributor/collector “Multidis SH” can be equipped with the ball valve DN 25 with temperature sensor connection M 10 x 1, item no. 1406708.



Stainless steel distributor/collector “Multidis SH”



Ball valve DN 20/DN 25, flat sealing

“Multidis SH” Stainless steel distributor/collector for radiator connection

Function:

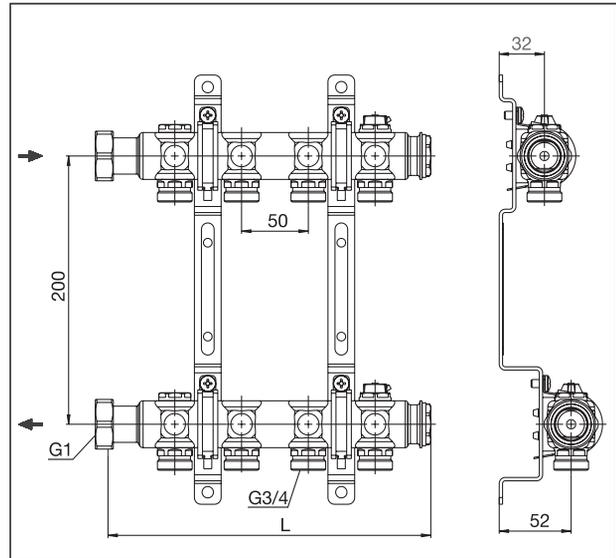
The Oventrop stainless steel distributors/collectors “Multidis SH” serve the central distribution of the heating water to the different radiators of each dwelling.

It is recommended to equip the distributor/collector with ball valves, e.g. item no. 1406383 or 1406384. They allow for the isolation of the supply and return pipe, for instance for maintenance work.

The installation may be bled during the filling process and when the heating system is in operation by using the vent plug.

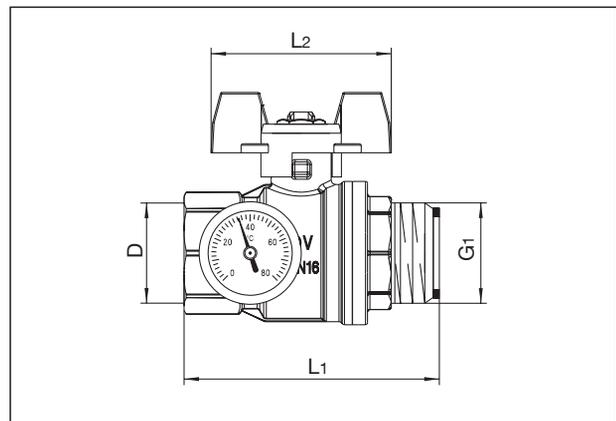
Advantages:

- all necessary components from one supplier
- time-saving installation due to pre-assembled distributors/collectors, no sealing required
- high quality, long-life distributors/collectors made of stainless steel
- corrosion resistant
- good hydronic values
- low installation depth
- free choice of pipe material
- possibility of connecting a heat meter for the central registration of the heat consumption
- wide-range programme for radiator connection available
- the Oventrop “Combi-System” with the composition pipe



Item no.:	Outlets	Length (L)	Length (L) with ball valve 1406383	Length (L) with ball valve 1406384
1407152	2	142 mm	197 mm	222 mm
1407153	3	192 mm	247 mm	272 mm
1407154	4	242 mm	297 mm	322 mm
1407155	5	292 mm	347 mm	372 mm
1407156	6	342 mm	397 mm	422 mm
1407157	7	392 mm	447 mm	472 mm
1407158	8	442 mm	497 mm	522 mm
1407159	9	492 mm	547 mm	572 mm
1407160	10	542 mm	597 mm	622 mm
1407161	11	592 mm	647 mm	672 mm
1407162	12	642 mm	697 mm	722 mm

Dimensions



Item no.:	Size	D	L1	L2
1406383	DN 20	G ¾	55 mm	55 mm
1406384	DN 25	G 1	80 mm	60 mm
1406483 (with thermometer and red T-handle)	DN 20	G ¾	73 mm	60 mm
1406583 (with thermometer and blue T-handle)	DN 20	G ¾	73 mm	60 mm
1406484 (with thermometer and blue T-handle)	DN 25	G 1	85 mm	60 mm
1406584 (with thermometer and blue T-handle)	DN 25	G 1	85 mm	60 mm

Dimensions

Subject to technical modifications without notice.

Product range 1
ti 76-EN/10/MW
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