

## Modular distribution manifold DN 50

Modular design, for outputs up to 400 kW at a temperature difference of 20K

- manifold made of brass
- slip-on flanges made of steel
- gaskets and screws for boiler connection DN 65 included
- completely premounted
- entirely insulated with EPP shells extremely low resistance, free passage  $d = 84 \text{ mm}$
- up to 4 groups premounted, extendable
- boiler connections DN 65

### TECHNICAL DATA MODULAR DISTRIBUTION MANIFOLD DN 50

#### Materials

Valves and fittings	Brass
Gaskets	EPDM / NBR
Insulation	EPP shells

#### Technical data

Nominal pressure	6 bar
Max. operating temperature	110 °C
Kvs value	48.9

#### Dimensions

Connection consumer	Flange DN 50/PN 6 (on top)
Connection generator	Flange DN 65 / PN 6, flow at the side, return to the bottom, others sealed with 2 1/2" plug
Connection on the side	1 1/4" internal thread, sealed with plug, for safety group and expansion tank
Centre distance	180 mm
Installation height	225 mm
Height insulation	220 mm

Pressure drop characteristics Modular distribution manifold DN 50

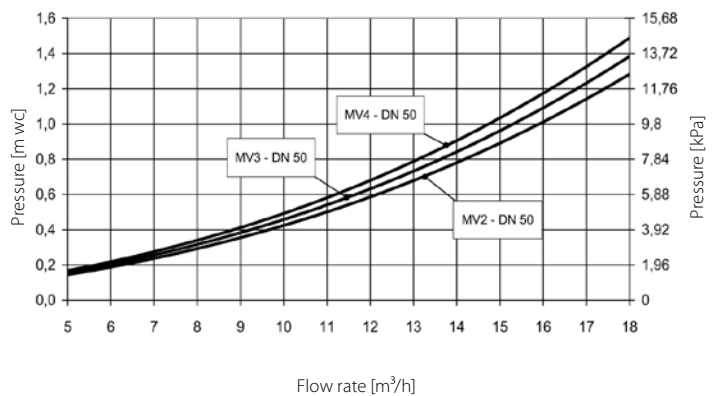





Illustration	Modular distribution manifold DN 50	€	Item no.
	<b>MV2 modular distribution manifold 2-fold - DN 50</b> Number of connections for heating circuits = 2 Width = 840 mm		5112
	<b>MV3 modular distribution manifold 3-fold - DN 50</b> Number of connections for heating circuits = 3 Width = 1200 mm		5113
	<b>MV4 modular distribution manifold 4-fold - DN 50</b> Number of connections for heating circuits = 4 Width = 1560 mm		5114

Illustration		PU	€	Item no.
	<b>Floor bracket set for modular distribution manifold DN 40/DN 50</b> 2 floor brackets made of galvanized steel beams, 4 screws, 4 wall plugs, two screws for fixing the distribution manifold onto the floor brackets Height = adjustable 1,050 - 1,080 mm, for shortening simply cut off			
	<b>Floor bracket set for modular distribution manifold DN 40/DN 50</b>	1		41671
	<b>Extension module DN 50</b> for the extension of already existing PAW manifold systems with insulation The installation may only be made by qualified experts. A = 180 mm H = 225 mm L = 360 mm			
	<b>Extension module DN 50</b>	1		5111
	<b>Conversion kit for low-loss header DN 50</b> for conversion into a distribution manifold with integrated hydraulic separator (low-loss header). Consisting of: 1 distance ring for a resistance-free connection of flow and return chamber, incl. screws and o-rings.			
	<b>Conversion kit for low-loss header DN 50</b>	1		5143
	<b>Reducer set DN 50 - DN 40</b> 2 reducer flanges made of brass for the connection of a modular heating circuit DN 40 on a modular distribution manifold DN 50, one side flange DN 50 / PN 6, other side flange DN 40 / PN 6. Reduction of the centre distance from 180 mm to 160 mm, with seals and screws for connection to DN 50.			
	<b>Reducer set DN 50 - DN 40</b>	1		5161
	<b>Reducer set DN 50 - DN 32</b> 2 reducer flanges made of steel, galvanized/brass for the assembly of a modular heating circuit DN 32 on a modular distribution manifold DN 50, one side flange DN 50 - PN 6, other side flange DN 32 - 1¼". Reduction of the centre distance from 180 mm to 125 mm. With gaskets and screws for connection to DN 50.			
	<b>Reducer set DN 50 - DN 32</b>	1	●	5162
	<b>Blind flange</b> PN 6, as per DIN 2527, with 1 gasket, 4 screws and 4 nuts			
	<b>Blind flange DN 50</b>	1		51611
	<b>Screwed flange</b> PN 6, as per DIN 2565, steel, black			
	<b>Screwed flange DN 50 on 2" internal thread</b>	1		41613
	<b>Screwed flange DN 65 on 2½" internal thread</b>	1		51612
	<b>Weld neck flange</b> PN 6, as per DIN 2631, steel, black			
	<b>Weld neck flange DN 50</b>	1		41615
	<b>Weld neck flange DN 65</b>	1		51613
	<b>PAW actuator SR10</b> due to the removable scale it is suited for flow on the right or left side. Simple assembly and disassembly thanks to the patented PAW halting technique, with 1.5 m cable and mounting set for halting assembly on the PAW mixing valve, for weather-compensated control, change-over switch for manual / automatic operation			
	<b>PAW actuator SR10</b>	1		705002