

Modular distribution manifold

1 1/4"/DN 32

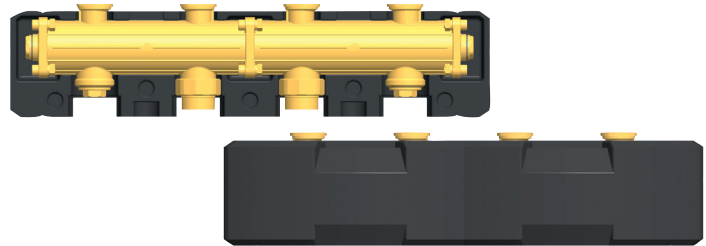
USE in closed loop design. Modular design distribution manifolds allow parallel connection of multiple Zone Modules in order to customize any installation. Available in 2- to 6-sectional designs, for the connection of 2 to 9 heating circuits, they simplify installation, extremely shorten assembly time, providing cost and time savings. Union connections make

mounting of Zone Modules to the manifold fast and easy. Supply and return chambers of the manifold are thermally divided. An add-on manifold module allows trouble-free connection of additional heating circuits to an existing system. No special piping, just 2 connections and your installation is complete.

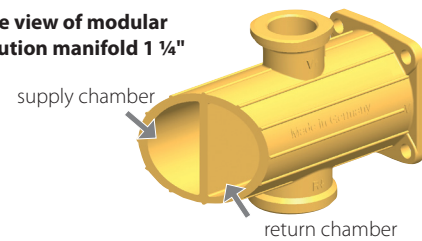
Features:

Heating distribution manifold 1 1/4"
Modular design, for outputs up to 512 MBH/150 kW
per boiler connection

- completely made of brass
- completely pre-assembled
- completely insulated with EPP
- extremely low resistance, free flow diameter = 50 mm (2")
- up to six pre-assembled manifold modules available
- multiple connection of the boiler possible, for larger power outputs



Inside view of modular distribution manifold 1 1/4"



TECHNICAL DATA Modular distribution manifold 1 1/4"		
Dimension		1 1/4" - DN 32
Materials	Fittings	Brass
	Gaskets	EPDM/NBR
	Insulation	EPP
Technical data	Max. pressure	72.5 psi/5 bar
	Max. temperature	230 °F/110 °C
	CV value	20.6
Connections	For heating circuits	1 1/4" PAW flange for 2" nut (top)
	For boilers	1 1/4" female x 2" male - flat-sealing (bottom) 2 x for boiler connection, rest plugged
	On the side	1" female, plugged for safety group and expansion tank
Dimensions	Center distance	125 mm/4 29/32"
	Installation height	125 mm/4 29/32"
	Height of insulation	150 mm/5 29/32"
Width of the distribution manifold incl. insulation see item list below		

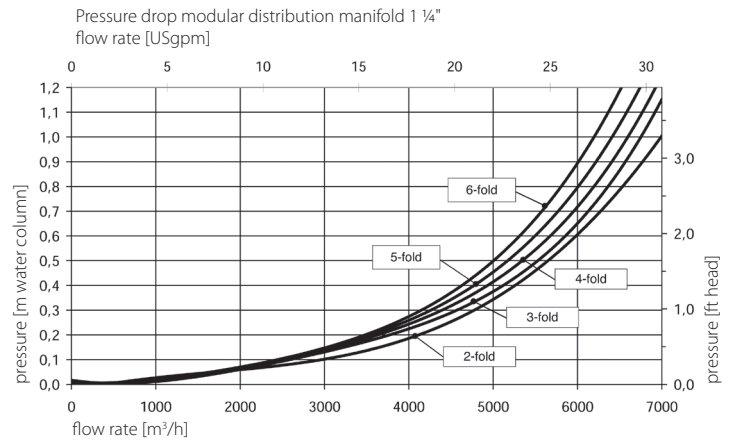


Illustration	DN	Options	Item #
	MV 1 1/4"	MV 2 modular distribution manifold 2-fold for connection of up to 3 heating circuits Width incl. insulation: L = 600 mm/23 5/8"	3712 NA
		MV 3 modular distribution manifold 3-fold for connection of up to 5 heating circuits Width incl. insulation: L = 850 mm/33 15/32"	3713 NA
		MV 4 modular distribution manifold 4-fold for connection of up to 7 heating circuits Width incl. insulation: L = 1.100 mm/43 5/16"	3714 NA
		MV 5 modular distribution manifold 5-fold for connection of up to 9 heating circuits Width incl. insulation: L = 1.350 mm/53 5/32"	3715 NA
		MV 6 modular distribution manifold 6-fold for connection of up to 11 heating circuits Width incl. insulation: L = 1.600 mm/63"	3716 NA



Assembly accessories for the modular distribution manifold

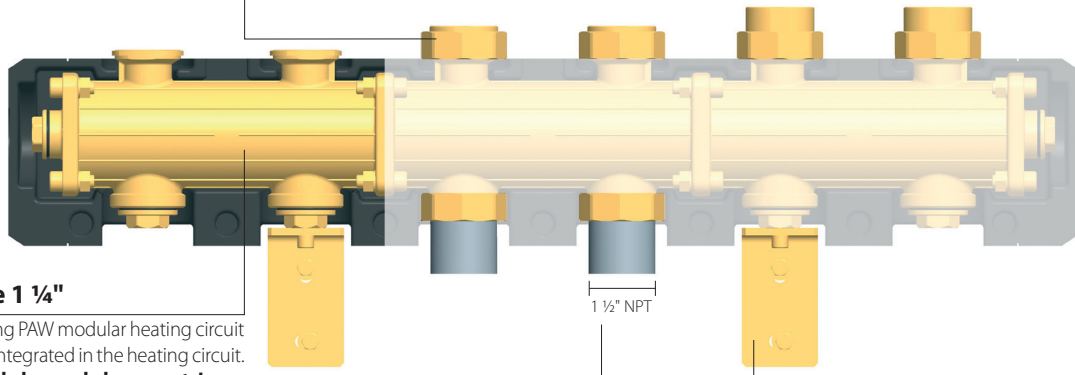
1 1/4"/DN 32

Reducer set

For the installation of 1" modular heating circuits on 1 1/4" modular distribution manifolds, adaptor set 2" male, flat-sealing with nut on 1 1/2" female flat-sealing, brass, with seals. Two types:

Item # 37351 Height 11 mm

Item # 3735 Height 24 mm



Extension module 1 1/4"

For the extension of existing PAW modular heating circuit systems, EPP insulation is integrated in the heating circuit.

The installation may only be made by experts!

Item # 3711

Screw flange set 1 1/4 on 1 1/2" female

For modular distribution manifold 1 1/4" and modular heating circuit 1 1/4", extension of the inlet connection to 1 1/2" female.

Connections: nut 2" female flat-sealing-1 1/2" female.

Item # 3734 NA

Wall bracket set

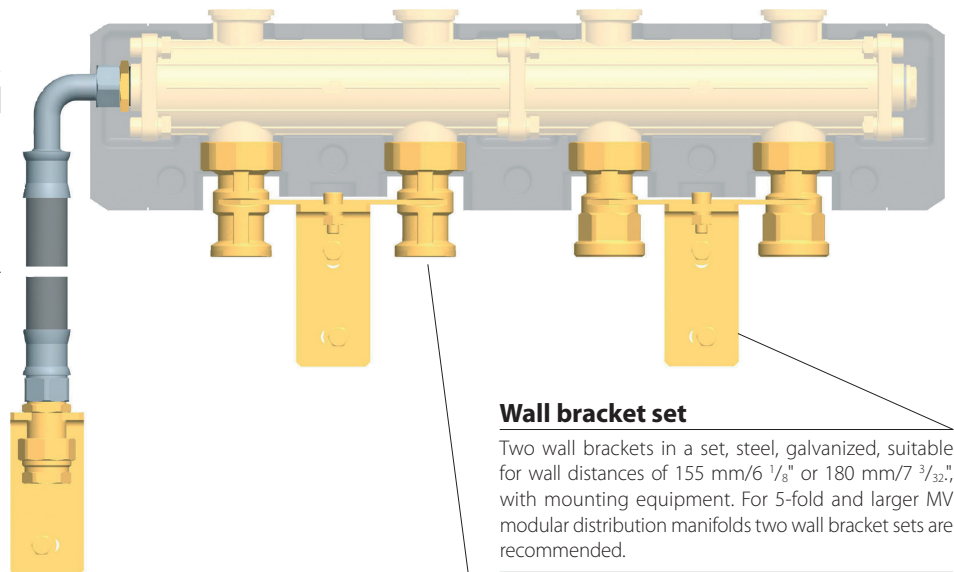
Two wall brackets in a set, steel, galvanized, suitable for wall distances of 100 mm/3 15/16", 155 mm/6 1/8" or 180 mm/7 3/32", with mounting equipment. For 5-fold and larger MV modular distribution manifolds two wall bracket sets are recommended.

Item # 3721

Connection kit for the expansion tank

1" cap valve, armored hose with bend
 1" x 700 mm/27 9/16", double nipple 1", with wall bracket.

Item # 7508



Coupling piece for flow down assembly 1 1/4"

For installing a modular heating circuit under a distribution manifold. **Please note:** when using wall brackets an additional mounting plate for installing a MV 2-fold modular distribution manifold is necessary (see on the right).

Item # 3724

Wall bracket set

Two wall brackets in a set, steel, galvanized, suitable for wall distances of 155 mm/6 1/8" or 180 mm/7 3/32", with mounting equipment. For 5-fold and larger MV modular distribution manifolds two wall bracket sets are recommended.

Item # 3721

Mounting plate 1 1/4"

For installation under a modular distribution manifold and for attaching wall brackets. Necessary when all lower outlet connections are occupied.

Item # 3725