

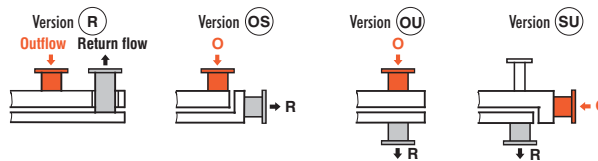
MAGRA® - Heating Distributor 122/122 up to 162/162 Type F thermally separated

pieces

MAGRA-heating distributor Type F, as a combined outflow and return flow distributor, consists of: thermally separated outflow and return flow chambers, positioned above each other, in welded sheet steel. Distribution chamber for outflow with flange connection pipes according to DIN, PN 6, PN 10 or PN 16 as well as weld-in sleeves for the passage of return flow connection pipes. Distribution chamber for return flow with flange connection pipes according to DIN, PN 6, PN 10 or PN 16, guided through the pipe sleeves inside the outflow chamber with cavity. Outlet connection pipes for outflow and return flow next to one another. Flanges are matched to the same spindle height, for fittings according to installation-length series FTF-1, FTF-14 or FTF-20 according to DIN EN 558-1, and to the brand of fittings and insulation thickness of distributor. Draining sockets for outflow and return flow chambers. Distributor is pressure tested and primed in factory.

Application:

Distributor size	Outlet dimensions	Max. distributor connections (Version R, OS, OU, SU)	Hot water flow rate	Performance at Δt 20°
122/122	up to 2" or DN 65	3" or DN 80	up to approx. 11 m ³ /h	up to approx. 250 kW
162/162	up to 2" or DN 65	DN 100	up to approx. 22 m ³ /h	up to approx. 510 kW



Technical data:

Double chamber measures	122/122 - 162/162	_____ mm
Distance between connection pipes	_____	_____ mm
Distributor length	_____	_____ mm
Hot water in circulation	_____	_____ l/h
Outflow and return flow temperatures	_____ / _____	_____ °C
Maximum system pressure	_____	_____ bar
Shut-off fittings (specify installation-length series according to DIN EN 558-1 FTF-1, FTF-14 or FTF-20)	_____	_____
Type of boiler connections (R, OS, OU, SU)	_____	_____
Number of boiler connections:	_____	_____ Pieces

Threaded connection pipes	_____ Pieces, _____"	_____ Pieces, _____"	_____ Pieces, _____"
	_____ Pieces, _____"	_____ Pieces, _____"	_____ Pieces, _____"

Flanged connection pipes	_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
	_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
	_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____

Material:

Wage:

pieces

MAGRA-Prefabricated Insulation with Aluminium Sheet Jacket and High-resistance PU foam according to the heating system regulations, for the above distributor, consists of: Aluminium sheet metal jacket and 40 mm thick high-resistance PU foam, half-shell, up to 100 °C outflow temperature. Frontally provided with lid. With cutouts for distributor connections, drainage and consoles. Including aluminium fastening strips and quick action screw closures.

Material:

Wage:

pieces

or **MAGRA-Prefabricated Insulation with Galvanised Sheet Steel Jacket and Mineral Fibre**, according to the heating plant regulations for the above distributor, consists of: Galvanised sheet steel jacket with quick-action closures and mineral fibre 60 mm or 100 mm thick, in the form of half-shells. Front side with lid. With cutouts for the outlet connection pieces, drainage and consoles. Insulation thickness (60 mm/100 mm) _____ mm

(For Distributor 162/162 with insulation thickness 100 mm, use stand console 85!)

Material:

Wage:

pieces

MAGRA-Identification Plates 85 for Designating Outflow Connection Pipes for the above distributor.

The identification plate is screwed with the accompanying screws on MAGRA-prefabricated insulation. Lettering is possible with standard text strips of 100 x 9.25 mm (Simplex, Sikla, Klug), insertion of imprinted strip 9 mm or by self-lettering. Imprinted field is protected against hostile actions, with a stick-on transparent cap. Plate size 110 x 24 mm.

Material:

Wage:

pieces

MAGRA-Wall Consoles 85, Sound insulated, consists of: Wall panel for screw fastening and snap-action carrier arm. Projection of 220 mm up to the middle of distributor. Galvanised. Including screws, dowels and washers.

(For Distributor 162/162 with insulation thickness 100 mm, use stand console 85!)

Material:

Wage:

pieces

or **MAGRA-Stand Consoles 85, Adjustable Height**, consists of: Floor plate for screw fastening and section steel. Galvanised. Console height infinitely adjustable from 400 mm up to 660 mm, including screws, dowels and washers.

Material:

Wage:

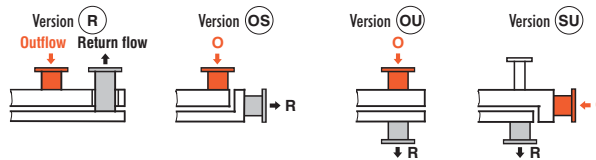
MAGRA® - Heating Distributor 202/202 up to 602/632 Type F thermally separated

pieces

MAGRA-heating distributor Type F, as a combined outflow and return flow distributor, consists of: thermally separated outflow and return flow chambers, positioned above each other, in welded sheet steel. Distribution chamber for outflow with flange connection pipes according to DIN, PN 6, PN 10 or PN 16 as well as weld-in sleeves for the passage of return flow connection pipes. Distribution chamber for return flow with flange connection pipes according to DIN, PN 6, PN 10 or PN 16, guided through the pipe sleeves inside the outflow chamber with cavity. Outlet connection pipes for outflow and return flow next to one another. Flanges are matched to the same spindle height, for fittings according to installation-length series FTF-1, FTF-14 or FTF-20 according to DIN EN 558-1, and to the brand of fittings and insulation thickness of distributor. Draining sockets for outflow and return flow chambers. Distributor is pressure tested and primed in factory.

Applications:

Distributor size	Outlet dimensions	Max. distributor connection (Version (R), (OS), (OU), (SU))	Hot water flow rate	Performance at $\Delta t 20^\circ$
202/202	to DN 100	DN 125	up to approx. 35 m ³ /h	up to approx. 810 kW
252/282	to DN 100	DN 150	up to approx. 60 m ³ /h	up to approx. 1400 kW
302/332	to DN 125	DN 200	up to approx. 90 m ³ /h	up to approx. 2100 kW
402/432	to DN 150	DN 250	up to approx. 129 m ³ /h	up to approx. 3000 kW
452/482	to DN 200	DN 300	up to approx. 181 m ³ /h	up to approx. 4200 kW
502/532	to DN 200	DN 350	up to approx. 241 m ³ /h	up to approx. 5600 kW
602/632	to DN 250	DN 400	up to approx. 350 m ³ /h	up to approx. 7900 kW



Technical data:

Double chamber measures	202/202 - 252/282 - 302/332 - 402/432	_____ mm
Distance between connection pipes	452/482 - 502/532 - 602/632	_____ mm
Distributor length		_____ mm
Hot water in circulation		_____ l/h
Outflow and return flow temperatures		_____ / _____ °C
Maximum system pressure		_____ bar
Shut-off fittings (specify installation-length series according to DIN EN 558-1 FTF-1, FTF-14 or FTF-20)		_____
Type of boiler connections (R), (OS), (OU), (SU)		_____
Number of boiler connections:		_____ Pieces

Flanged connection pipes

_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____
_____ Pieces, DN _____ PN _____	_____ Pieces, DN _____ PN _____

Material:

Wage:

pieces

MAGRA-Prefabricated Insulation with Aluminium Sheet Jacket and High-resistance PU foam according to the heating plant regulations for the above distributor, consists of: Aluminium sheet metal jacket and high-resistance PU foam in half-shells (for 202/202 = 50 mm thick) up to 100 °C outflow temperature. Front side with lid. With cutouts for distributor connections, drainage and consoles. Including aluminium fastening strips and quick-action screw closures (Only for distributor size 202/202).
Material: _____ Wage: _____

pieces

or **MAGRA-Prefabricated Insulation with Galvanised Sheet Steel Jacket and Mineral Fibre**, according to the heating plant regulations for the above distributor, consists of: Galvanised sheet steel jacket with quick-action closures and mineral fibre 60 mm or 100 mm thick, in the form of half-shells. Front side with lid. With cutouts for the outlet connection pieces, drainage and consoles.
Insulation thickness (60 mm/100 mm) _____ mm
Material: _____ Wage: _____

pieces

MAGRA-Identification Plates 85 for Designating Outflow Connection Pipes for the above distributor.

The identification plate is screwed with the accompanying screws on MAGRA-prefabricated insulation. Lettering is possible with standard text strips of 100 x 9.25 mm (Simplex, Sikla, Klug), insertion of imprinted strip 9 mm or by self-lettering. Imprinted field is protected against hostile actions, with a stick-on transparent cap. Plate size 110 x 24 mm.
Material: _____ Wage: _____

pieces

MAGRA-Stand Consoles 200, Sound Insulated, consists of: Floor plate for screw fastening and section steel. Galvanised. Console height infinitely adjustable from 325 mm up to 515 mm, including screws, dowels and washers.
Material: _____ Wage: _____