

## MAGRA®-Heating distributor 122/122 to 602/632 Typ S/F thermally separated

pieces

MAGRA-Heating distributor Type S/F as combined outflow and return flow distributor, consisting of: Thermally separated distributor chamber for outflow and return flow arranged next to one another, welded from special steel sheet sections. Pipe section of seamless pipe with pre-welded flanges according to DIN, PN 6, PN 10 or PN 16. The nozzles which are arranged on the side are led upward by 90° elbows. The flanges are adjusted to the same spindle height, for valves according to face-to-face dimension series F1, F4 or K1 according to DIN 3202, as well as the valve make and the insulation thickness of the distributor. (In design (a), the outflow nozzles will be led through welded pipe sleeves in the return flow chamber on the one side. The return flow nozzles will be led through welded pipe sleeves in the outflow chamber with gap on the other side.) Drain and de-aeration sleeves for outflow and return flow chamber. The distributor is pressure-tested and prime-coated in the factory.

### Application:

Distributor size	Outlet dimensions	Distributor design (a)		Hot water flow rate	Distributor design (b)		Hot water flow rate
		Max. distributor connection Design (R)	Diagram		Outlet dimensions	Diagram	
122/122	up to DN 65	DN 80		up to approx. 11 m³/h	up to DN 80		up to approx. 13 m³/h
162/162	up to DN 65	DN 100		up to approx. 22 m³/h	up to DN 100		up to approx. 25 m³/h
202/202	up to DN 100	DN 125		up to approx. 35 m³/h	up to DN 125		up to approx. 40 m³/h
252/282	up to DN 100	DN 150		up to approx. 60 m³/h	up to DN 150		up to approx. 69 m³/h
302/332	up to DN 125	DN 200		up to approx. 90 m³/h	up to DN 200		up to approx. 104 m³/h
402/432	up to DN 150	DN 250		up to approx. 129 m³/h	up to DN 300		up to approx. 148 m³/h
452/482	up to DN 200	DN 300	up to approx. 181 m³/h	up to DN 350	up to approx. 208 m³/h		
502/532	up to DN 200	DN 350	up to approx. 241 m³/h	up to DN 400	up to approx. 277 m³/h		
602/632	up to DN 250	DN 400	up to approx. 350 m³/h	up to DN 400	up to approx. 390 m³/h		

### Technical data:

Double-chamber dimensions	122/122 - 162/162 - 202/202 - 252/282 - 302/332	_____ mm
Distance between connections pipes	402/432 - 452/482 - 502/532 - 602/632	_____ mm
Distributor length		_____ mm
Hot water flow rate		_____ l/h
Outflow and return flow temperatures		_____ / _____ °
Maximum system pressure		_____ bar
Shut-off fittings (indicate face-to-face dimension series according to DIN 3202 F1, F4 or K1)		_____
Distributor design (a) or (b)		_____
Connection design (R)		_____
Number of distributor outlets - front side		_____ Pieces
Number of distributor outlets - back side		_____ Pieces

Front side:

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

Back side:

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

Material:

Wage:

pieces

**MAGRA-Prefabricated insulation with aluminium sheet jacket and PU hard foam** according to EnEV for above distributor consisting of: ALU sheet jacket and PU hard foam half shells (in 122/122, and 162/162 = 40 mm, in 202/202 = 50 mm thick) up to 100 °C outflow temperature. With lid on facing side. With cut-outs for distributor connections, drain and consoles. Incl. ALU fixing straps and quick-acting screw closures. (Only up to distributor size 202/202).

Material:

Wage:

pieces

**MAGRA-Prefabricated insulation with galvanized steel sheet jacket and mineral fiber** according to EnEV for above distributor, consisting of: Galvanized steel sheet jacket with quick-acting closure and mineral fiber, 60 mm or 100 mm thick, half-shell design. With lid on facing side. With cutouts for outlet nozzles, drain and brackets.

Insulation thickness (60 mm/100 mm) \_\_\_\_\_ mm

Material:

Wage:

pieces

**MAGRA-Stand consoles, sound-insulated**, for above distributor consisting of: Floor plate for screw fixture and sectional steel, galvanized. Stepless adjustment of height of console from 400 to 660 mm (up to distributor size 162/162) and 325 to 515 mm (as from distributor size 202/202), including screws, anchors and washers.

Material:

Wage: