

## MAGRA®-Heating distributor 100/100 to 550/550 Typ S

pieces

MAGRA-Heating distributor Type S as combined outflow and return flow distributor, consisting of: Distributor chamber for outflow and return flow arranged next to one another, welded from special steel sheet sections. Connection pipe of seamless steel 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. Drain and de-aeration sleeves for outflow and return flow chamber. The distributors is pressure-tested and prime-coated in the factory.

### Application:

Distributor size	Outlet dimensions	Distributor design (a)		Hot water flow rate	Distributor design (b)	
		Max. distributor connection Design (R)	Diagram		Outlet dimensions	Hot water flow rate
100/100	up to DN 50	DN 50		up to approx. 9 m³/h	up to DN 65	up to approx. 13 m³/h
120/120	up to DN 65	DN 80		up to approx. 15 m³/h	up to DN 80	up to approx. 19 m³/h
160/160	up to DN 80	DN 100		up to approx. 30 m³/h	up to DN 100	up to approx. 35 m³/h
200/200	up to DN 125	DN 150		up to approx. 50 m³/h	up to DN 150	up to approx. 58 m³/h
250/250	up to DN 150	DN 150		up to approx. 86 m³/h	up to DN 150	up to approx. 100 m³/h
300/300	up to DN 150	DN 200		up to approx. 125 m³/h	up to DN 200	up to approx. 144 m³/h
350/350	up to DN 150	DN 200		up to approx. 150 m³/h	up to DN 200	up to approx. 172 m³/h
400/400	up to DN 200	DN 250		up to approx. 172 m³/h	up to DN 250	up to approx. 198 m³/h
450/450	up to DN 250	DN 350		up to approx. 198 m³/h	up to DN 350	up to approx. 228 m³/h
500/500	up to DN 300	DN 350		up to approx. 250 m³/h	up to DN 350	up to approx. 285 m³/h
550/550	up to DN 350	DN 400		up to approx. 310 m³/h	up to DN 400	up to approx. 345 m³/h

### Technical data:

Double-chamber dimensions	100/100 - 120/120 - 160/160 - 200/200 - 250/250 - 300/300	_____ mm
Distance between connections pipes	350/350 - 400/400 - 450/450 - 500/500 - 550/550	_____ mm
Distributor length	_____	_____ mm
Hot water flow rate	_____	_____ l/h
Outflow and return flow temperatures	_____	_____ / _____ °C
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

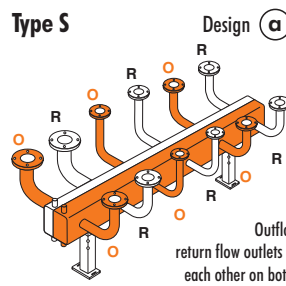
### Front side:

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

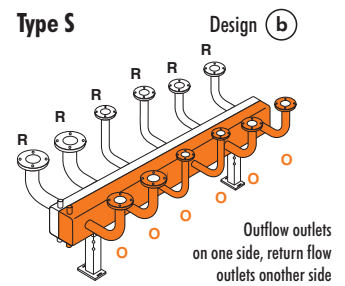
### Back side:

_____ 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 100/100, 120/120 and 160/160 = 40 mm, in 200/200 = 50 mm, in 250/250 = 60 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 250/250).

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 160/160) and 325 to 515 mm (as from distributor size 200/200), including screws, anchors and washers.

Material:

Wage: