

Plate heat exchanger

Cooling Insulation & Drip Tray

Standard design cooling insulation

Alfa Laval cooling insulation is delivered in sections in a separate box along with the heat exchanger. The system of sections ensures simple assembly and disassembly thanks to connecting spring locks of galvanized steel.

Plating – 1 mm. Allustucco 3s 3/4 h.

Insulation – 60 mm Polyurethane foam.

Inside layer – 0,05 mm aluminium folio.

Bolt holes – 20 mm Armaflex lining.

Advantages

The insulation saves cooling energy by protecting the PHE from the hotter environment. It also keeps the environment around the plate pack dry.

Availability

Cooling insulations are available for all PHEs. The table on the next page shows measurements for standard types.

Particulars required for quotation

- A-measurement
- Tightening bolt length
- Type of connections
- Connection positions

Standard design drip tray

The Alfa Laval drip tray, available with or without above mentioned insulation hood, insulates the PHE from the floor. It also collects condensate and the water that remains in the PHE when it is opened after draining.

- Drip Tray**
- 0,75 mm hot galvanized steel plate all the way around the tray.
 - 50 mm polyurethane foam.
 - supports of waterproof wood.
 - draining through valve

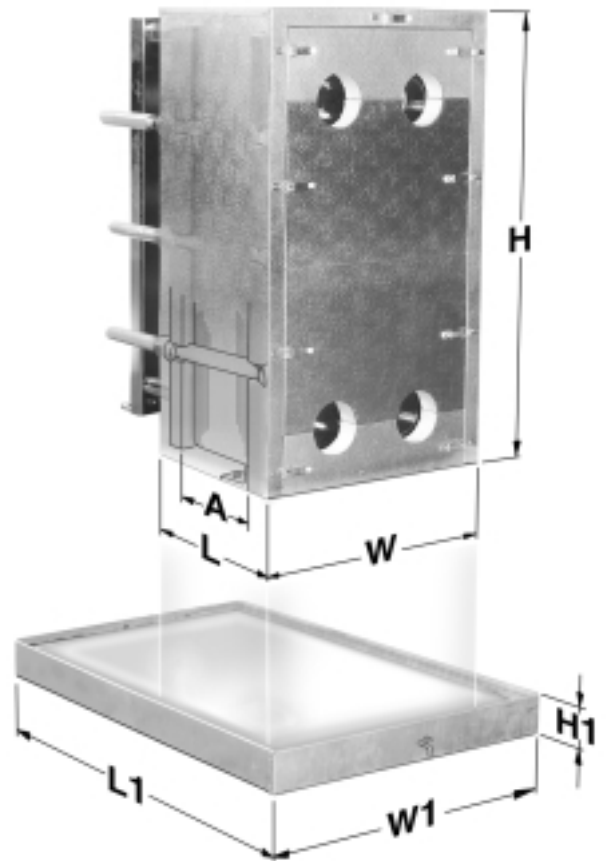


PHE M10BW with Insulation and drip-tray

Plate heat exchanger Cooling Insulation & Drip Tray

Dimensions (Measurements in mm)

PHE-Type	Insulation				Drip-Tray								
	A	L	W	H	L1	W1	H1						
M10/ M10BW	0 - 80	320 - 410	600	1015	*)	610	82						
	80 - 130	370 - 460											
	130 - 180	420 - 510											
	180 - 230	470 - 560											
	230 - 280	520 - 610											
	280 - 350	590 - 680											
	350 - 420	660 - 750											
	420 - 490	730 - 820											
	490 - 560	800 - 890											
	560 -	800 -											
	M15	0 - 80	320 - 560	750- 830				1805- 2035	*)	1015	82		
80 - 130		370 - 610											
130 - 180		420 - 660											
180 - 230		470 - 710											
230 - 280		520 - 760											
280 - 350		590 - 830											
350 - 420		660 - 900											
420 - 490		740 - 970											
490 - 560		810 - 1060											
560 - 750		880 - 1250											
750 - 1000		1070 - 1500											
1000 - 1250		1320 - 1750											
1250 - 1500		1570 - 2000											
1500 -		1820 -											
A15BW		0 - 80	320 - 560	870	750- 830	*)	1805- 2035					82	
		80 - 130	370 - 610										
	130 - 180	420 - 660											
	180 - 230	470 - 710											
	230 - 280	520 - 760											
	280 - 350	590 - 830											
	350 - 420	660 - 900											
	420 - 490	740 - 970											
	490 - 560	810 - 1060											
	560 - 750	880 - 1250											
	750 - 1000	1070 - 1500											
	1000 - 1250	1320 - 1750											
	1250 - 1500	1570 - 2000											
	1500 -	1820 -											
	MX25B	0 - 500	400 - 900					1040	2870	*)	1805- 2035		82
		500 - 750	900 - 1150										
750 - 1000		1150 - 1400											
1000 - 1250		1400 - 1650											
1250 - 1500		1650 - 1900											
1500 - 1750		1900 - 2150											
1750 - 2000		2150 - 2400											
2000 - 2250		2400 - 2650											
2250 - 2500		2650 - 2900											
2500 - 2750		2900 - 3150											



Other models on request

Note 1: Depending on different types (-FM, -FG, -FD etc.) dimension variations may occur.

Note 2: The A-measurement i.e. the distance between the frame and pressure plate of the PHE, is used to dimension insulations rather than number of plates, since plate thickness can vary.

*) Total length of frame + 250 mm.