

## INSULATION PANEL TECHNICAL SPECIFICATION

### Applications:

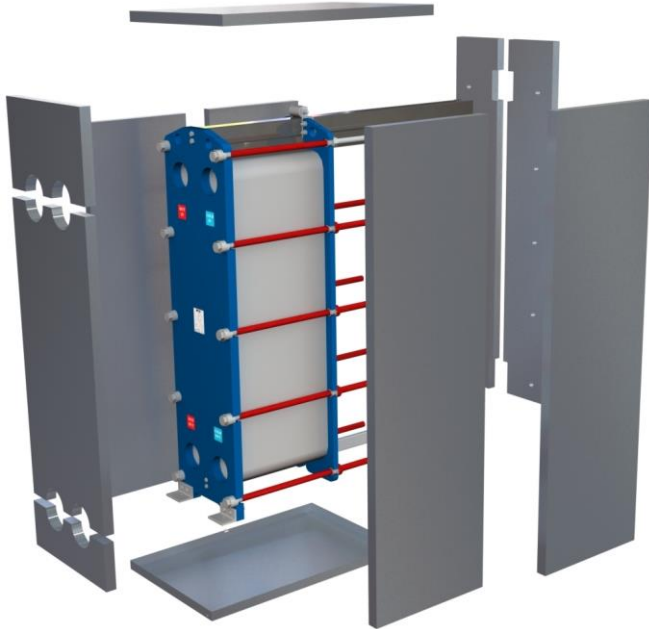
Ares insulation jacket for plate heat exchanger is primarily used in district heating and cooling systems.

### Design:

Insulation jackets are used to prevent waste of energy and to avoid icing of the heat exchanger surface in cooling applications. In hot applications avoiding excessive temperatures and preventing burns related to the heat exchanger.

### Specifications:

Pre-fabricated insulated cover: Removable and reusable panel type insulation cover for expedient removal and replacement of insulation to facilitate removal and cleaning of plates. To facilitate assembly and disassembly the insulation pieces are held together with stainless steel suitcase type latches. Panels have 0.8mm Allustucco exterior plating, stainless steel lining, and 60mm thick polyurethane foam.



A1S, A1L, A2S, A2M, A2L, A3S, A3M, A3L, A4S, A4A, A4M, A6S, A6M, A6L, A8M, A8L, AWG8, A12S, A12M, A12L, AWG12, A20M		
Application	Heating	Cooling
Material	60mm PU foam	60mm PU foam
Exterior covering	0.8mm Allustucco	0.8mm Allustucco
Panel fixing	AISI 304 Latches	AISI 304 Latches
Temperature	-50 - 80°C	20 - 200°C
U-value	0,43 W/m <sup>2</sup> K	0,28 W/m <sup>2</sup> K
Insulation class (DK)	3	4
Heat loss	17,1 W/m <sup>2</sup>	11,1 W/m <sup>2</sup>