

Installation Instructions

Reflex Longtherm Protect Cooling

Reflex Longtherm Protect Cooling is a cold insulation product for single-pass brazed Reflex Longtherm plate heat exchangers, that work with refrigerants. It comprises soft foam that is designed for HVAC systems and whose fire resistance ensures reliable and safe operation of the entire system.

The cold insulation product is available for the following products:

- Reflex Longtherm RLB 14, 22, 31, 34, 60, 110
- Reflex Longtherm RMB 14, 22, 31, 34, 60, 110
- Reflex Longtherm RHB 14, 22, 31, 34, 60, 110

Two cold-insulation systems are required for more than 100 plates.

Technical data

Parameter	Value
Min. operating temperature	-40 °C
Max. working temperature	110 °C
Insulation material	Elastomer foam
Thickness	20 mm

Thermal conductivity

Temperature	Thermal conductivity
0 °C	0.033 W/mK
20 °C	0.035 W/mK
40 °C	0.037 W/mK



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Subject to technical modifications

Installation

Remove the protective film from a part of the cold insulation. Position the part with the adhesive surface on the plate heat exchanger and press it firmly in place. Continue in the same way with the other parts.

- 1 Front panel
- 2 Rear panel
- 3 Side panel (cut away)



The side panel (3) must be cut dependent on the number of heating plates.

