



Pre-Cooler FK-50



Pre-Cooler FK-100

Pre-Coolers

Technical Specification:

Pre-Coolers are used to obtain optimal utilization of the Optim-Ice® System in varying circumstances.

The Pre-Cooler is adjusted and calibrated to suit each customer and his particular requirements. The selection of the correct Pre-Cooler is dependant on the size of the liquid ice system being used and water temperature.

The use of a Pre-Cooler allows the customer to optimize the efficiency of the liquid ice system at both different levels of flow and water temperature.

Refrigerant: R-404A /R-449A

Pre-Coolers are available in the following sizes:

	Pre-Cooler FK-50	Pre-Cooler FK-100
Production capacity:	50.0 kW/43.000 kcal/h	100.0 kW/86.000 kcal/h
Production range:	3.000 litre per hour down cooling from 15°C to 0°C 6.000 litre per hour down cooling from 7.5°C to 0°C	6.000 litre per hour down cooling from 15°C to 0°C 17.000 litre per hour down cooling from 5°C to 0°C
Power consumption:	15.0 kW	28.0 kW 166x80x170 865 kg
Dimensions in cm (LxWxH):	137x66x140	166x80x170
Weight:	435 kg	865 kg
Condenser cooling	5°C = 2.900 l/h - 10°C = 3.800 l/h	5°C = 5.200 l/h - 10°C = 5.600 l/h
water requirements:	15°C = 4.700 l/h - 20°C = 9.600 l/h	15°C = 8.600 l/h - 20°C = 15.000 l/h