



Liquid Ice System BP - 105

Technical Specification:

Refrigeration Capacity:
 14.5 kW/12.470 kcal/h or 299.000 kcal per 24 hours*.

Pre-Cooler:
 Integrated pre-cooler ensures uniform production of Optim-Ice® in water temperatures up to +15°C.

Variable production range:
 Output can be varied from 230 L/h with 40% ice concentration to 490 L/h with 10% ice concentration**.

Filtration:
 A 5-micron filter fitted to water intake to prevent ingestion of foreign objects.

Minimum salt concentration:
 System requires 3% NaCl concentration for Optim-Ice® production.

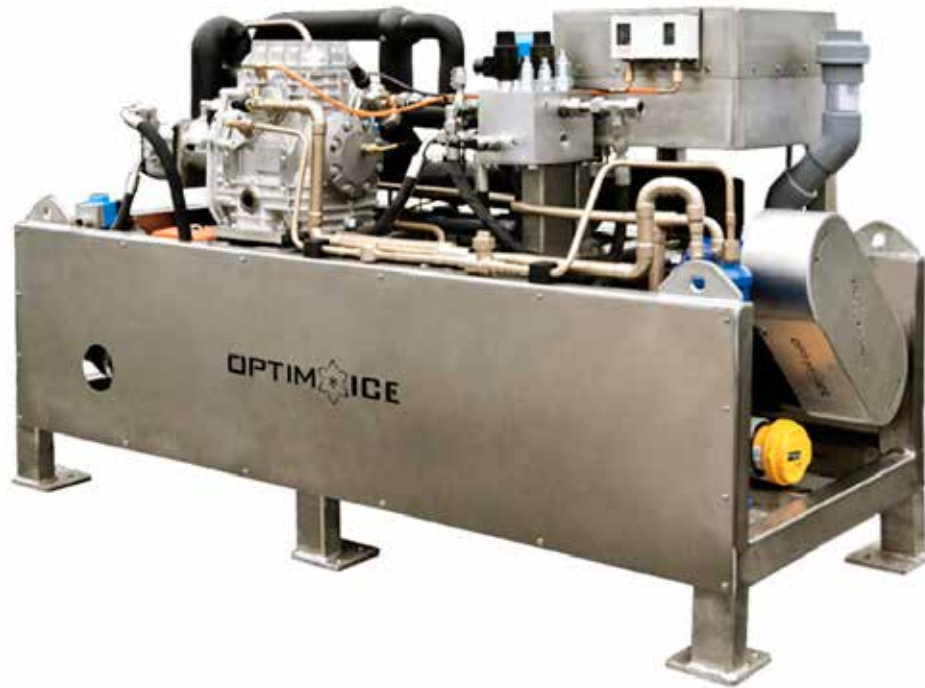
Power Consumption: 7.0 kW

Dimensions in cm (LxWxH):
 145x59x87
 Weight: 372 kg

Refrigerant: R-404A /R-449A

Condenser:	
Cooling water requirements:	
5°C	= 900 L/h
10°C	= 1.100 L/h
15°C	= 1.600 L/h
20°C	= 2.400 L/h

*Aprx. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.
 **Based on seawater inlet temperature of +15°C.



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Filtration: A 5-micron filter fitted to water intake to prevent ingestion of foreign objects.

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Power Consumption:

Hydraulic: Flow 46 L/min at 180 bar
Electrical: 230V/50Hz/350W

Dimensions in cm (LxWxH):

145x59x87

Weight: 275 kg

Refrigerant: R-404A /R-449A

Condenser:	
Cooling water requirements:	
5°C	= 900 L/h
10°C	= 1.100 L/h
15°C	= 1.600 L/h
20°C	= 2.400 L/h

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**Based on seawater inlet temperature of +15°C.