



Liquid Ice System B - 120

Technical Specification:

Refrigeration Capacity:

40.0 kW/34.400 kcal/h
or 825.000 kcal per 24 hours*.

Weight: 1.040 kg

Refrigerant: R-404A /R-449A

Variable production range:

Output can be varied
from 920 L/h with 40% ice concentration
to 3.160 L/h with 10% ice concentration**.

Pre-Cooler:

Optional pre-cooler
ensures uniform production of
Optim-Ice® over a large inlet water
temperatures range.

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: 24.0 kW

Dimensions in cm (LxWxH):

166x136x173

Condenser:

Cooling water requirements:

5°C = 2.600 L/h

10°C = 3.300 L/h

15°C = 4.700 L/h

20°C = 10.400 L/h

* Appr. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.

** Based on seawater inlet temperature of 0°C.



Liquid Ice System BP - 120

Technical Specification:

Refrigeration Capacity:

60.0 kW/55.900 kcal/h or 1.341.000 kcal per 24 hours*.

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

Variable production range:

Output can be varied from 920 L/h with 40% ice concentration to 2.210 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:

30.0 kW

Dimensions in cm (LxWxH):

166x136x173

Weight:

1.100 kg

Refrigerant:

R-404A /R-449A

Condenser:	
Cooling water requirements:	
5°C	= 3.600 L/h
10°C	= 4.400 L/h
15°C	= 6.000 L/h
20°C	= 11.700 L/h

* Appr. 1 kcal is required to achieve a one-degree temperature reduction in one kilogram of fish.

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