

Dometic's Eskimo Ice systems are built to meet the most demanding needs of today's sport fishermen and modern yachts. Dometic offers two types of crushed ice systems – self-contained and remote. The self-contained system – **with recently released upgrades** – contains all parts in a single chassis for easy installation. The remote system can be used when space is at a premium, offering an installation flexibility not previously available.

Condensing sections are installed in the engine room (or other machinery space) and are raw water cooled for high efficiency and small size. The evaporator sections (where the ice is produced) are either integral to the condensing section (in the case of the self-contained unit) or remote-mounted near the ice-holding area, or mounted near the condenser in the engine room. Linesets connecting the two components are pre-charged with refrigerant for a trouble-free installation. The remote unit respects the nature of modern boat design where equipment placement is paramount in having a well-designed, comfortable and useful yacht.



Remote Unit Shown



Self-Contained Unit Shown

Ice is pumped from the evaporator section to your fish box or other ice-keeping area. There is fast, continuous output of ice of up to 600 pounds a day. The water source is the yacht's fresh water system.

The sections are fabricated from aluminum. The parts are sprayed with a two layer primer system followed by a top coat of white two part polyurethane to give them lasting protection.

Crushed ice, the type preferred by commercial fisherman, cools more quickly and packs better. Your catch returns dockside in the finest "sushi" condition every time.

Never wait to buy ice again. Your boat is iced down and ready to go with a flip of a switch.

FEATURES

COMMON FEATURES

- Pre-charged components for easy installation
- R134a – a Montreal Protocol environmentally-friendly refrigerant.
- Warranty – 1 year parts and labor
- Sensors Monitor:
 - Gas pressures – high and low
 - Low Water
 - Ice Clog
 - Auger Motor
 - Ice Level

REMOTE SYSTEM

NEW Upgrades

- Software changes give additional sensing indications in smart PLC controller
- Additional test light sensing indicators
- Water-filter included

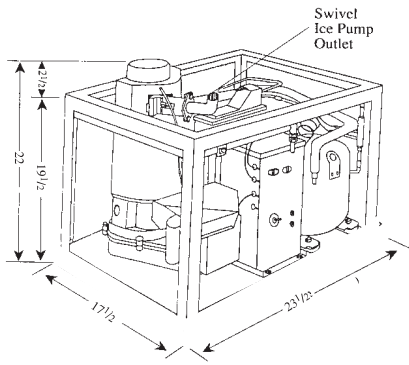
- Fresh water float switch improved for reliability
- Manual override to restart system

SELF-CONTAINED SYSTEM

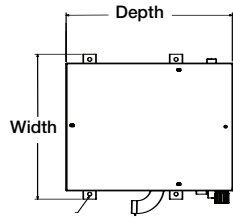
NEW Upgrades

- Remotely-mounted control unit
- PLC "smart" controller
- Indicator test lights and increased sensing
- Redesigned refrigerant meter for improved performance in cold water
- Ice-level control by photo-electric sensing
- Auto resetting functions
- Manual reset without going to machinery space
- New fresh water float for increased reliability
- Optional covers for sides and top for protection and improved appearance
- All components contained within footprint
- Water-filter included in kit
- Start time delay

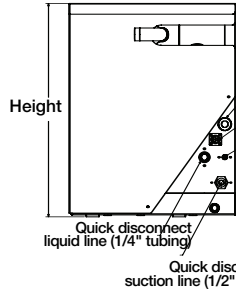
Self-Contained System



Dimensions: 23.5"L x 17.5"W x 22"H
 NOTES: These dimensions include separate condensate pan under machine.

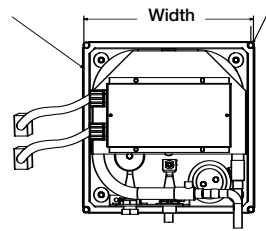


Auger

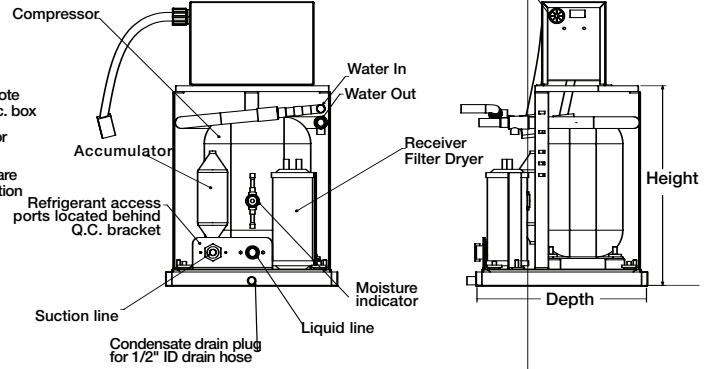


Cable to remote mounted elec. box
 Ice level sensor connection
 1-1/4" male flare water connection
 Quick disconnect liquid line (1/4" tubing)
 Quick disconnect suction line (1/2" tubing)

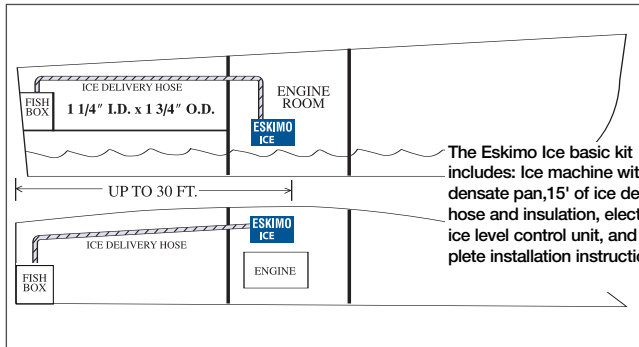
Remote System



Condenser

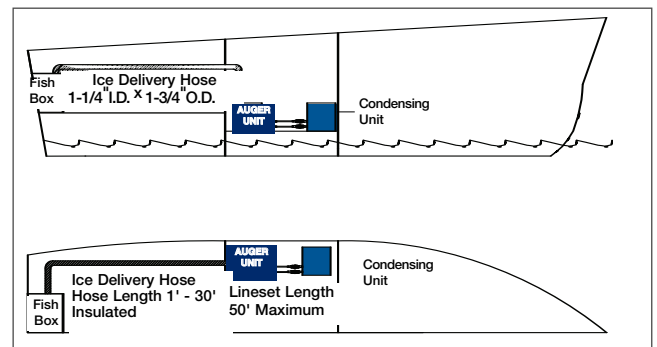


Typical Self-Contained Installation



The Eskimo Ice basic kit includes: ice machine with condensate pan, 15' of ice delivery hose and insulation, electronic ice level control unit, and complete installation instructions.

Typical Remote Installation



SPECIFICATIONS

Remote System	Capacity*	Refrigerant	Charge	Voltage	Frequency	Running Amps	Max Amps	Weight lb/kg	Water Consumption	Height in/mm	Width in/mm	Depth in/mm	Min Circuit Amps
Condensing Unit		R134a	26 oz.	100/115	50/60	7.5	60	67/30.5		15/381	12.88/327	12.88/327	20
Auger Unit	600 lbs/day	R134a	12 oz.	100/115	50/60	3.2	3.2	83/37.7	72 gpd/272.5 lpd	20.88/530.4	14.25/362	16.38/416.1	20
Condensing Unit		R134a	26 oz.	200/230	50/60	5.3	46	67/30.5		15/381	12.88/327	12.88/327	13
Auger Unit	600 lbs/day	R134a	12 oz.	200/230	50/60	1.2	1.2	83/37.7	72 gpd/272.5 lpd	20.88/530.4	14.25/362	16.38/416.1	13
Control Box								4/1.8		6.38/162	9.25/235	5.38/1137	
Self-Contained Unit													
Condensing, evaporator unit with condensate pan	600 lbs/day	R134a	16 oz.	115	60	16		135/61.4	72 gpd/272.5 lpd	22/559	17.5/445	23.5/597	20
Condensing, evaporator unit with condensate pan	600 lbs/day	R134a	16 oz.	230	60	8		135/61.4	72 gpd/272.5 lpd	22/559	17.5/445	23.5/597	15

* At 75°F (24°C) feed water temperature and 80°F (27°C) seawater temperature, using fresh water for the feed water.

NOTES: Remote electrical box comes attached to condensing unit and may be remotely mounted
 US Patent #68472000 and #4922724
 Not ignition protected
 High inrush circuit breakers required

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