

Compact overall size

MODEL	BTU @ 60 HZ or 50 HZ	DIMENSIONS: HxWxD in. (mm)	AMP Draw 230V 1ph (208V 3ph) ¹	Weight Lbs (kg)
CW24B	24,000	16 (406) x 13.5 (343) x 26.5 (673)	6.8 (5.4)	151 (68.49)
CW30B	30,000	16 (406) x 13.5 (343) x 26.5 (673)	8.4 (6.3)	164 (74.39)
CW36B	36,000	16.75 (425) x 13.5 (343) x 26.5 (673)	10.5 (7.6)	170 (77.18)
CW48B	48,000	18 (457) x 14.5 (368) x 26.5 (673)	13.3 (9)	181 (82.10)
CW60B	60,000	18.75 (476) x 14.5 (368) x 26.5 (673)	17.9 (14.5)	187 (84.82)
CW72B	72,000	23.0 (584) x 14.5 (368) x 26.5 (673)	n/a (14.2)	192 (87.1)
CW120B*	120,000	24.75 (629) x 14.5 (368) x 34 (864)	n/a (19.8)	304 (138)
CW180	180,000	53.0 (1353) x 24.5 (622) x 18.0 (457)	(Contact Factory)	(Contact Factory)

NOTES: Electrical specifications are rated at 45°F(7.2°C) Evaporating and 100°F(37.8°C) Condensing temperatures.
 * Dimensions and weights are for our standard 10 Ton Compact Chiller.
 Specifications will change for Vertical or Side-By-Side configurations.
 1. Amp draw shown at 60 Hz. Consult factory for 50 Hz settings.

Chilled Water Air Conditioning

For even the most rigorously engineered products, there is no harsher test than the marine environment. Whether fresh water or salt, warm weather or cold, products designed specifically for the marine environment are sternly tested with every nautical mile. Answering this challenge is Technicold by Northern Lights

Technicold represents the state of the art in on-board environmental climate control. Our line of chilled water air conditioning systems has proven its mettle time and again. Incorporating self-contained water chillers, Technicold AC systems are constructed with 316L stainless steel and other corrosion resistant materials for optimal performance and stability.

Because on-board space is always at a premium, Technicold AC systems are built to fit the smallest footprint possible while retaining a robust build. Designed for versatility, Technicold air conditioning systems can be placed in individual cabins or conveniently racked in a central location.

For decades, Technicold products have been known for their thoughtful and thorough engineering. Tempered water is circulated through the vessel via a closed loop circuit. Each area of the vessel is governed by an individual zone control valve and an air handler which are thermostatically controlled to provide the desired temperature. Each modular chiller is staged to cycle on or off as the cooling loads vary, maintaining a pre-set water temperature for maximum comfort and efficiency.

Technicold climate control systems can even facilitate electric resistant or oil fired heat. For the state of the art in marine air conditioning, the choice is clear: Technicold by Northern Lights.



www.technicold.com



www.northern-lights.com

Building Marine Equipment to Withstand the Marine Environment

TECHNICOLD
 1419 W. Newport Center Drive,
 Deerfield Beach, Florida 33442
 Phone 954-421-1717
 info@technicold.com
 www.technicold.com

Corporate Office: 4420 14th Ave. NW, Seattle WA 98107
 Tel: (206) 789-3880 * 1-800-762-0165 * Fax: (206) 782-5455
 Information and dimensions subject to change without notice.
 Northern Lights and Technicold are registered trademarks
 of Northern Lights, Inc.
 (c) 2012 All rights reserved. Litho USA. T126 4/12

Air Conditioning Chilled Water Air Handler

For even the most rigorously engineered products, there is no harsher test than the marine environment. Whether fresh water or salt, warm weather or cold, products designed specifically for the marine environment are sternly tested with every nautical mile. Technicold's line of chilled water air handlers is built for the most unforgiving of seas.

Technicold by Northern Lights represents the state of the art in on-board environmental climate control. Offering a wide selection from 8,000 to 32,000 BTU, Technicold air handlers feature high-volume variable-speed blowers that can be rotated 120 degrees for optimal versatility through top or side discharge.

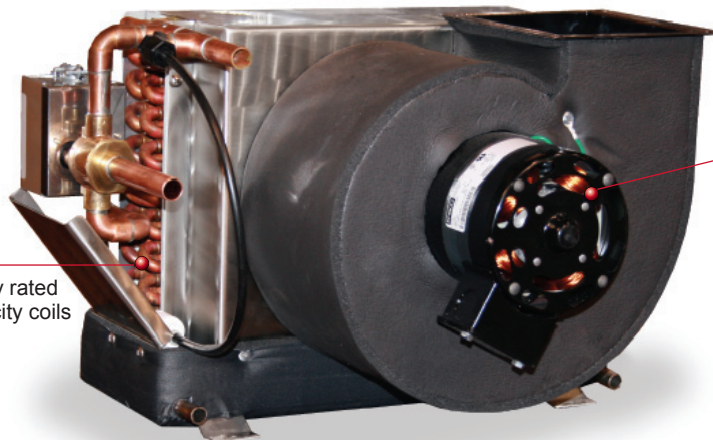
Technicold air handlers are thoughtfully constructed of 16 gauge 316L stainless steel and feature heliarc welded seams throughout to resist corrosion. A two inch, double-drain condensation pan assures proper drainage while preventing overflow, even in rough seas. Both drip pans and blowers are fully insulated to prevent condensation build up.

In concert with Technicold air conditioning systems, our air handlers are designed to be located wherever is most convenient for your individual vessel's needs. In a closet, under a settee, beneath a berth, in a locker – the choice is yours. A plenum outlet discharges air via flex duct precisely into the area to be cooled.

Technicold and Northern Lights products have been known for their thoughtful and thorough engineering. Our chilled water air handlers are available with down discharge or remote blowers for ceiling mounted installations. Our 24,000 and 32,000 BTU air handlers incorporate a unique twin blower style, which dramatically lowers noise signatures and height profiles. A state of the art air handler that is quiet and fits into a small footprint, while retaining its robust build; who could ask for anything more?

Fully customizable and backed by decades of experience, Technicold by Northern Lights truly achieves the state of the art in on board climate control.

- Low height profile

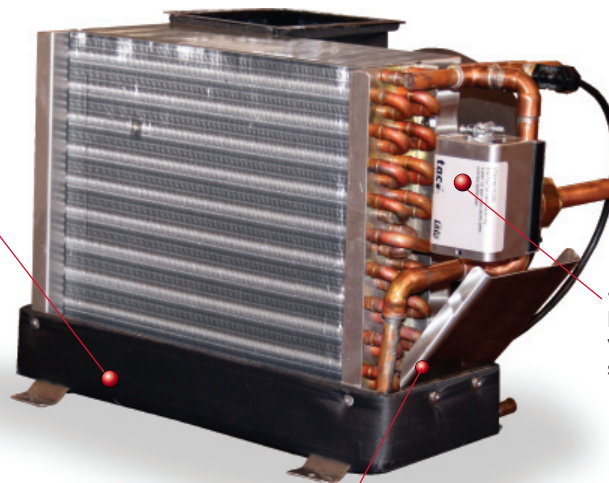


- Fully rated capacity coils

- Blower rotates for easy installation.

High volume variable speed blower, insulated for quiet operation and to prevent condensation.

- 16 Gauge stainless steel 316L chassis fasteners & hardware



- Two inch deep fully insulated stainless steel condensate pan with two drains

- Motorized Pop-Top® water valve for easy servcability

- Stainless steel water valve drip tray

MODEL	BTU @ 60 HZ	BTU @ 50 HZ	DIMENSIONS- HxWxD: in. (mm)	AMP Draw 115V 1ph (230V 1ph)	CFM	Weight Lbs (Kg)
RA08A(B)	8,000	6,600	9 (229) x 17 (432) x 13 (330)	1.86 (0.93)	265	19 (8.62)
RA12A(B)	12,000	10,000	12 (305) x 18.5 (470) x 14 (356)	3.2 (1.6)	350	27 (12.25)
RA16A(B)	16,000	13,200	12 (305) x 18.5 (470) x 16 (406)	3.55 (1.7)	500	28 (12.70)
RA18A(B)	18,000	15,000	12 (305) x 19 (483) x 17 (432)	3.55 (1.7)	500	33 (14.97)
RA24A(B)	24,000	20,000	12 (305) x 35 (889) x 14 (356)	6.4 (3.2)	700	51 (23.13)
RA32A(B)	32,000	26,500	12 (305) x 35 (889) x 15.5 (394)	7.1 (3.4)	1,000	55 (24.95)

Above dimensions include water valve.
For remote water valve installation subtract 3" from width

Above dimensions represent the blower in a vertical discharge position without a duct ring or plenum box attached

Specifications may change without notice.

Building Marine Equipment to Withstand the Marine Environment



www.technicold.com



www.northern-lights.com

TECHNICOLD
1419 W. Newport Center Drive,
Deerfield Beach, Florida 33442
Phone 954-421-1717
info@technicold.com
www.technicold.com

Corporate Office: 4420 14th Ave. NW, Seattle WA 98107
Tel: (206) 789-3880 * 1-800-762-0165 * Fax: (206) 782-5455
Information and dimensions subject to change without notice.
Northern Lights and Technicold are registered trademarks
of Northern Lights, Inc.
(c) 2012 All rights reserved. Litho USA. T126 4/12