

New Quick-Connect Fittings

# Adler/Barbour ColdMachine Kits

## Customized Do-It-Yourself Refrigeration



CU-100 ColdMachine & VD-150 Evaporating Unit (shown with ice trays)

**Performance, efficiency, and quality are hallmarks of Adler/Barbour ColdMachine Kits by Dometic.** Two configurations are offered: The air-cooled CU-100 ColdMachine, and the air- and water-cooled CU-200 SuperColdMachine. Powered by a Danfoss BD50F compressor, these easy-to-install units provide up to 15 cu. ft. (424 liters) of refrigeration and work with a variety of 100-Series evaporators (see reverse side).

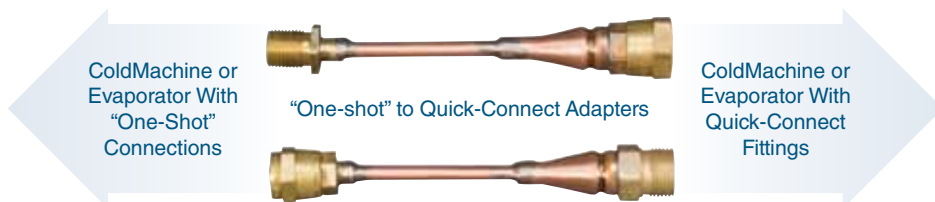
ColdMachines are specifically designed to survive the rigors of the harsh marine environment, and to provide exceptional performance in hot and humid conditions, erratic or low voltage, and continuous use.

ColdMachine kits now come with self-sealing quick-connect fittings for easy attachment. Unlike the old “one-shot” connections, quick-connect fittings can be disconnected and reconnected whenever necessary without loss of refrigerant or exposing the system to air or moisture.

Dometic also offers quick-connect adapters (shown below), which join “one-shot” units to their quick-connect counterparts (professional installation required).

### Key Benefits

- Now with self-sealing quick-connect fittings.
- Oversized air condensers.
- Up to 15 cu. ft. (424 liters) of refrigeration.
- Danfoss BD50F compressor provides 25% more cooling performance.
- Stainless-steel construction.
- Shrouded forced-air condensers.
- Modular phone-jack connection for thermostat.
- Quick-connect adapters keep older “one-shot” units in service.
- Optimal performance in warmer waters.
- High-CFM fan.
- Built-in troubleshooting diagnostics.
- Environmentally safe R-134a refrigerant.
- Can be installed up to 15 ft. (4.57 m) from evaporator.
- Precharged and ready to install.



# Technical Specifications for Adler/Barbour ColdMachine Cooling Units

Model	CU-100 ColdMachine	CU-200 SuperColdMachine
Capacity	15.0 cu. ft. (424 liters)	15.0 cu. ft. (424 liters)
Voltage	12V DC	12V DC
Application	General Boating	Tropical-Water Boating
Dimensions (WxHxD)	10.0 in. x 7.5 in. x 11.1 in. (254mm x 190mm x 281mm)	10.0 in. x 7.5 in. x 11.1 in. (254mm x 190mm x 281mm)
Net Weight	18 lbs./8.2 kg.	18 lbs./8.2 kg.



Adler/Barbour  
CU-200 ColdMachine

# Technical Specifications for Adler/Barbour 100 Series Evaporating Units

Model	VD-150	VD-151	VD-152
Capacity	9.0 cu. ft. (254 liters)	9.0 cu. ft. (254 liters)	15.0 cu. ft. (424 liters)
Application	Medium-sized refrigerator to small freezer	Medium-sized refrigerator to small freezer	Large-sized refrigerator to medium freezer
Configuration	Closed evaporator	Closed evaporator with door	Closed evaporator
Dimensions (WxHxD)	10.5 in. x 11.0 in. x 6.0 in. (266mm x 279mm x 152mm)	10.75 in. x 7.0 in. x 11.25 in. (273mm x 177mm x 285mm)	15.0 in. x 12.0 in. x 6.0 in. (381mm x 304mm x 152mm)
Net Weight	12 lbs. (5.4 kg.)	10 lbs. (4.5 kg.)	13 lbs. (5.9 kg.)
Image			
Model	VD-153	VD-160	Optional Water-Cooling Kit
Capacity	15.0 cu. ft. (424 liters)	4 cu. ft. (113 liters)	Simplify water cooling installation for your CU-200 SuperColdMachine. Kit includes 12V DC water pump and mounting bracket, 5 ft. of 5/8" hose, 10 ft. of 3/8" hose, hose clamps, seawater strainer, 5/8" plastic through-hull discharge fitting, wiring diagram and mounting screws. Pump draws less than 1A and must be plumbed to a seawater source for operation. <b>P/N #C8350</b>
Application	Large-sized refrigerator to medium freezer	Medium- to small-sized freezer	
Configuration	Closed evaporator with door	Power plate with holdover capabilities	
Dimensions (WxHxD)	15.5 in. x 7.5 in. x 12.0 in. (393mm x 190mm x 304mm)	19.0 in. x 11.25 in. x 1.25 in. (482mm x 285mm x 31mm)	
Net Weight	14 lbs. (6.4 kg.)	23 lbs. (10.4 kg.)	
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