

# Adler/Barbour ColdMachine Kits

## Customized Do-It-Yourself Refrigeration



Adler/Barbour CU-200  
SuperColdMachine shown

### Performance, efficiency, and quality are hallmarks of the Adler/Barbour ColdMachine Series 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 can provide up to 15 cu. ft. (424 liters) of refrigeration.

These cooling units are designed to work with Adler/Barbour 100 Series evaporators. Four configurations are offered (see reverse side) to satisfy a number of custom cooling requirements.

The ColdMachine and SuperColdMachine 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.



Adler/Barbour  
CU-100 ColdMachine

### Key Benefits

- Oversized air condensers.
- Accommodates large refrigerators — up to 15 cu. ft. (424 liters) capacity.
- Danfoss BD50F compressor — resulting in 25% more cooling performance.
- Stainless-steel construction.
- Shrouded forced-air condensers.
- Modular phone-jack connection for thermostat.
- Quick-connect couplings.
- 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./8.16 kg.	18 lbs./8.16 kg.

## 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. (5.44 kg.)	10 lbs. (4.53 kg.)	13 lbs. (5.89 kg.)
Image			
Model	VD-153	VD-160	
Capacity	15.0 cu. ft. (424 liters)	4 cu. ft. (113 liters)	
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. (6.35 kg.)	4 lbs. (1.8 kg.)	
Image			

Dealer:

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