

CoolMatic Cooling Kits

Customized Do-It-Yourself Refrigeration



Dometic CU-86
condensing unit shown

Performance, efficiency, and quality are hallmarks of the CoolMatic 80 Series by Dometic. Compact, easy-to-install CoolMatic units are designed to provide up to 8.8 cu. ft. (249 liters) of refrigeration or up to 2.5 cu. ft. (65 liters) of deep freezing. Powered by a Danfoss BD35F compressor, the versatile CoolMatic Series offers three different configurations for installation flexibility and tailor-made cooling applications.

These cooling units are designed to work with CoolMatic 80 Series Evaporating units. Six configurations are offered (see reverse side) to match the performance of the compressor.

The CoolMatic Series is 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.

Key Benefits

- Designed for small to medium refrigerator or small freezer capacities.
- Designed to work in warmer waters.
- Corrosion-resistant stainless-steel mounting plate.
- Applications up to 8.8 cu. ft. (249 liters) of refrigeration and up to 2.5 cu. ft. (65 liters) of deep freezing.
- Equipped with a power-regulated Danfoss BD35F compressor.
- Environmentally-safe R-134a refrigerant.
- Six evaporator types to match the performance of the compressor (details on reverse side).

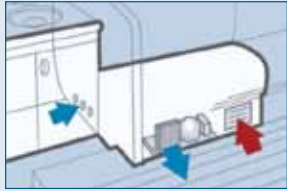

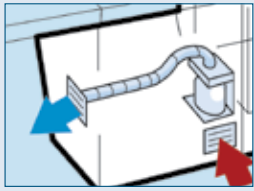


CU-84




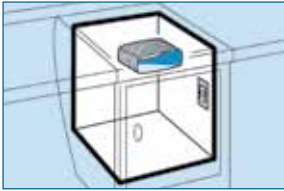
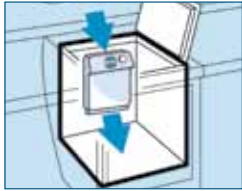
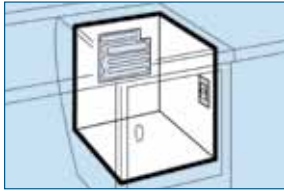


CU-85

Technical Specifications for CoolMatic 80 Series Cooling Units

Model	CU-84	CU-85	CU-86
Capacity	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)
Voltage	12/24V DC	12/24V DC	12/24V DC
Configuration	Horizontal Platform	Square Layout	Vertical or Wall Mount
Dimensions (WxHxD)	15.2 in. x 6.1 in. x 5.1 in. (386mm x 155mm x 129mm)	8.7 in. x 6.1 in. x 8.7 in. (220mm x 155mm x 220mm)	8.7 in. x 9.0 in. x 7.6 in. (220mm x 228mm x 193mm)
Net Weight	13.2 lbs. (5.98 kg.)	13.2 lbs. (5.98 kg.)	14.3 lbs. (6.40 kg.)
Installation			

Technical Specifications for Adler/Barbour 80 Series Evaporating Units

Model	VD-04	VD-05	VD-08
Capacity	4.5 cu. ft. (127 liters)	4.5 cu. ft. (127 liters)	5.6 cu. ft. (158 liters)
Configuration	"L" shape	Plate	90° Angle
Dimensions (WxHxD)	14.8 in. x 10.0 in. x 3.9 in. (377mm x 254mm x 99mm)	14.8 in. x 13.7 in. x 1.0 in. (375mm x 348mm x 25.4 mm)	13.4 in. x 17.7 in. x 10.6 in. (340mm x 449mm x 269mm)
Net Weight	3.3 lbs. (1.49 kg.)	3.3 lbs. (1.49 kg.)	4.4 lbs. (1.99 kg.)
Installation			
Model	VD-09	VD-15	VD-18
Capacity	5.6 cu. ft. (158 liters)	7.0 cu. ft. (198 liters)	4.5 cu. ft. (127 liters)
Configuration	"O" shape	Circulating Air	Plate
Dimensions (WxHxD)	14.4 in. x 5.5 in. x 10.6 in. (365mm x 139mm x 269mm)	8.6 in. x 10.8 in. x 2.6 in. (218mm x 274mm x 66mm)	9.8 in. x 13.7 in. x 1.0 in. (248mm x 347mm x 25.4mm)
Net Weight	4.4 lbs. (1.99 kg.)	4.4 lbs. (1.99 kg.)	3.1 lbs. (1.40 kg.)
Installation			

Dealer:

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