

Escape the Heat!



Cool Mate *Cuddy*

- Designed for Cuddy Cabins
- 3500 BTU Self Contained Air Conditioner
- Powered by shorepower or 120V inverter (user-supplied) that provides AC power by converting DC power from battery
- Compact, low-profile
- System includes a Cool Mate Cuddy unit, seawater pump and thermostat control
- No generator needed

SPECIFICATIONS



Despite the war stories of the saltiest fishermen, being on the water really shouldn't be uncomfortable. Whether you're fishing with your family or on an outing with your friends, someone invariably will need to get out of the sun on a hot summer day.

Dometic's new Cool Mate Cuddy is a super-small, self contained 3500 BTU air-conditioner designed for boats without an onboard genset. Powered by a user-supplied 120-volt inverter and the vessels dedicated bank of rechargeable house batteries, the Cool Mate Cuddy works with both outboard and stern-drive propulsion systems. With a properly sized inverter, not only can the boat owner enjoy the comforts of air-conditioning, but also a microwave oven, coffee maker and other AC-powered appliances away from dockside power.

Compact in size, this low-profile unit easily fits beneath a v-berth or clever storage area below deck. The system (compressor, blower & pump) draws about 30 amps of DC power under normal operating conditions.

Dometic is a customer driven, world-leading provider of innovative leisure products for the caravan, motorhome and marine markets. Dometic offers a complete range of air conditioners, refrigerators, awnings, cookers, sanitation systems, lighting, windows, doors and other equipment that makes leisure life more comfortable away from home.

Dometic also provides refrigerators for specific use in hotel rooms, offices and for storage of medical products and wine along with comfort products designed for over-the-road truck market. Dometic's products are sold in almost 100 countries and are produced mainly in Dometic's own production facilities around the world. Dometic has more than 4,400 employees.

Cool Mate Cuddy Specifications

Model	CDM3.5
BTU's	3,500
Height	9.25 in/242 mm
Width	15 in/381 mm
Depth	8 in/204 mm
Weight	29 lbs/13.2 kg
Duct Size	3 in
Grill Size	10 sq in
Refrigerant	R22
Electrical	
Volts/Hz	115/60
Cooling only (total) (compressor, blower, and pump)	3.1 amps
LRA	16 amps
12V DC amps (total) (compressor, blower, and pump)	30 amps

Features

- Stainless steel chassis
- Extremely compact design (32 smaller percent than our 5,000 BTU unit)
- High velocity split capacitor motor for great airflow
- Components selected for minimum DC amp draw

Inverters

We recommend an inverter of 1000 watts as a minimum. Inverters vary widely in quality and published specifications. Consult with your dealer or the inverter manufacturer for your specific situation. The power consumption of the air conditioner can vary depending on the design of the power supply (the combined effect of the alternator, inverter, battery and battery connection).

Batteries

We recommend a separate set of batteries for the air conditioning. Deep cycle AGM or Gel Cell batteries are the best for this application. We have tested the following performance with a 1000 watt inverter of good quality:

- Two Group 31 batteries – 5 1/2 hours of run time
- Three Group 27 (standard boat size) batteries – 8 1/2 hours of run time



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