

Escape the Heat!



Cuddy dc

- Designed for small cabins
- Installation is “plug and play”
- DC system ready – simple 12V DC connections
- Compact – about the size of a battery box
- No genset needed
- Kits available for ease of selection

SPECIFICATIONS



Despite the war stories of the saltiest fisherman, 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.

Now Dometic has the answer – a super small 3,500 BTU air conditioner designed to work with 12 Volt power systems. Energized by a dedicated power module and the boat's banks of batteries, the Cuddy dc makes your small cabin a refuge from the heat and sun. A global system –Cuddy dc uses R417a, a globally accepted refrigerant, and can be used with any 12V DC system.

Powered by your 12 volt DC system (every boat has one) the batteries will feed power to the Dometic Dedicated Power Module (DPM) which supplies alternating power to the air conditioner. Our package is set up with plugs to make the over-all installation error-free (the plugs are polarized so you cannot plug them into each other incorrectly) and fast. Two wires are run from the battery bank to the DPM. We have cable kits for longer runs, and a simple installation manual even your husband can understand.

Compact in size – about the size of a typical battery box – this low-profile unit easily fits beneath a V-berth or clever storage area below deck. The system (compressor, blower & pump) draws about 29 amps of DC power under normal operating conditions. DC power comes to you via your alternator, or through a genset or shore power and a battery charger.

Marine Air Cuddy dc Specifications

BTUs	3,500		
Dimensions	H in/mm	W in/mm	D in/mm
Cuddy Unit	9.25/235	15/381	8/204
DPM	5.125/130	10/254	2.67/68
Control	5.5/140	3.25/83	2.75/70
Pump	2.75/70	3.5/89	4.75/121

Weight	lbs	kg
Cuddy Unit	29	13.2
DPM	3	1.3

Refrigerant	R417a (Global Version)
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Electrical	
DC – Total amps (compressor, blower, and pump)	29 amps (12V DC)

Features

- Stainless steel chassis
- Extremely compact design – about the size of battery box
- 12V DC system ready
- High velocity blower (split capacitor) for great airflow
- Minimum DC draw (about 31 DC amps total)

Dedicated Power Module

Our DC kit has a Dometic-tested Dedicated Power Module (DPM) as part of the package. We have tested this unit and it will handle the air conditioning load – no sweat (pun intended). If a larger inverter (non-dedicated power module) is suggested, be careful of the quality of the inverter. Your dealer can help in the selection.

12V Cuddy dc Kit (Battery box not included)

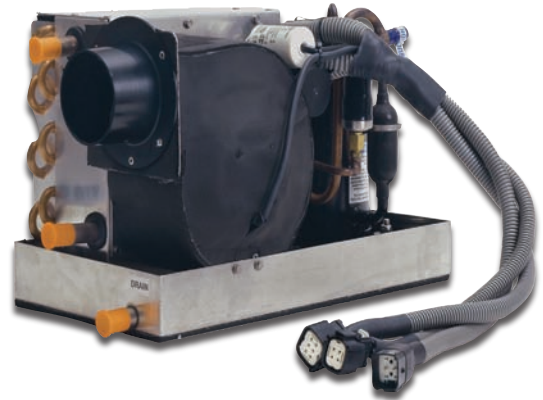


Batteries

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 for performance with our 600 watt Dometic Dedicated Power Module.

Batteries	Run Time
2 Group 31	4 hours of run time
3 Group 27 (standard boat size) batteries	8 1/2 hours of run time

3,500 BTU Air Conditioner



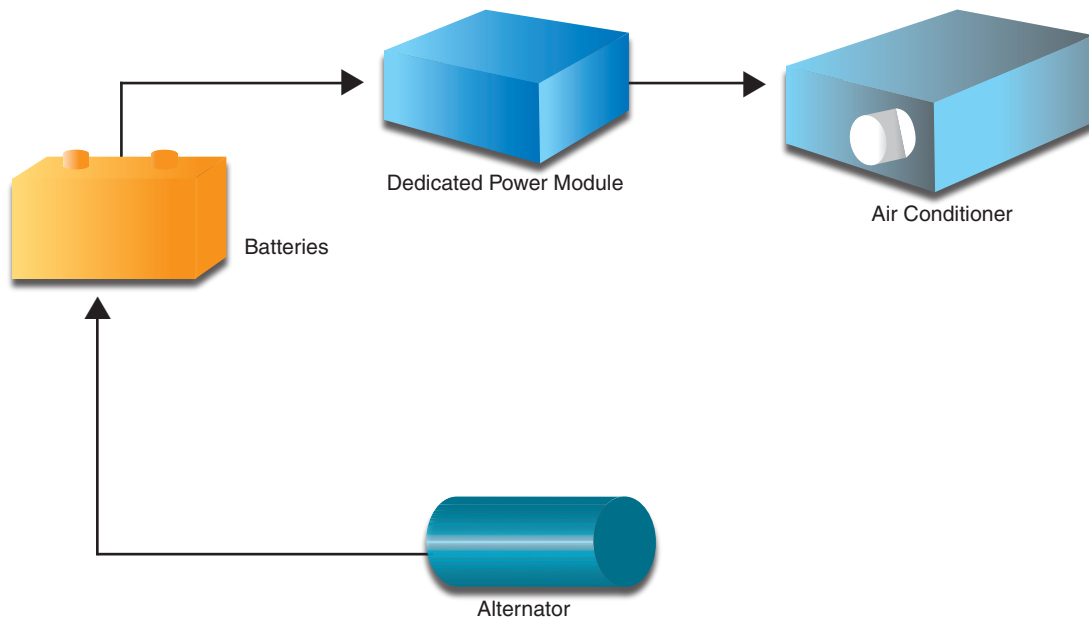
Accessories Included



Plug & Play



DC System Chart



Cuddy dc Kits and Accessories		Part #
Marine Air Cuddy dc - 12V DC system	Cooling only - unit, dpm, 150 pump, control, polarized plugs	207415475
Marine Air Cuddy dc - 12V DC system	Cooling only - unit, dpm, 250 pump, control, polarized plugs	207415477
Extension cable	DPM to Unit - 3m/10'	222120200
Extension cable	DPM to Unit - 6m/20'	222120201
Extension cable	PLM 250 to Unit - 3m/10'	222120202
Air Distribution Kit - Black	3" discharge grill - black; 8" x 8" return grill; 10' of 3" duct	226000301
Air Distribution Kit - White	3" discharge grill - white; 8" x 8" return grill; 10' of 3" duct	226000300



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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.