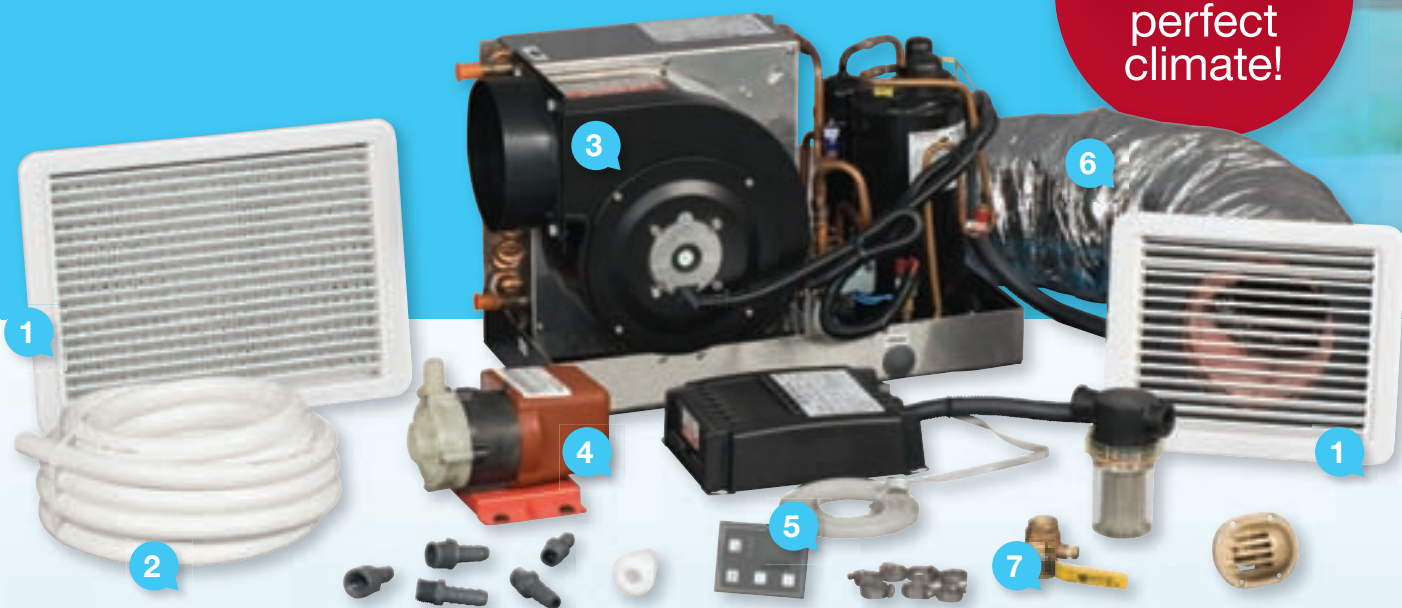


Self-contained systems for self-installation

Complete set for a perfect climate!



Complete systems for quick installation

- | | | |
|--|---|---|
| 1 Supply-air and return-air grilles | 4 Seawater pump | 7 Through-hull fittings, fixing material, fittings, valves |
| 2 Seawater hose | 5 Electrical box and control panel | |
| 3 A/C unit | 6 Air duct | |

Dometic MCS Marine Climate Systems were designed for fast and easy retrofitting. All components and mounting materials are included in the scope of delivery. Three available capacities which are using a new, modern refrigerant which enables the systems to work even more effectively and supply air-conditioned comfort to cabins of different sizes or design. To air-condition an additional cabin,

purchase the optional air distribution kit (MCS 12/16 only). Another advantage of the super-compact MCS climate systems: thanks to efficient heat pump technology, they can also be used as heating systems at water temperatures > 6°C.

- Combines cooling, dehumidification and heating in one powerful system
- Ultra-compact, space-saving components
- Complete package with all required installation materials
- 3 models with cooling capacities of 6000, 12000 and 16000 Btu/h

- User-friendly operator panel for control of all functions
- Easy to clean, integrated air filter
- High-quality return-air and supply-air grilles
- Accessory kit for MCS 12/16: Optional add-on kit for directing the air flow into two separate cabins, see p. 40



● Dometic Marine Products
● **Dealer Locator**

More information at your local dealer
http://marine.dometicgroup.com/dealer_locator

How to find your MCS model

Selecting the right MCS model for your needs depends on the size and location of the cabin you want to air condition. A cabin below deck requires less capacity per square metre than an upper-deck cabin with large windows and direct exposure to the sun.

Maximum air-conditioned room size (at ambient temperatures of 20 – 35°C)

	Below deck (no windows)	Mid deck (small windows)	Above deck (large windows)
Dometic MCS 6	8 m ²	5 m ²	4 m ²
Dometic MCS 12	16 m ²	10 m ²	8 m ²
Dometic MCS 16	23 m ²	15 m ²	12 m ²

NEW! Dometic MCS 6 / MCS 12 / MCS 16

Complete climate system for 230-volt operation

	MCS 6	MCS 12	MCS 16
Ref. No.	9108782885	9108782884	9108782886
Cooling capacity	6000 BTU/h	12000 BTU/h	16000 BTU/h
Heating capacity	1750 watts	3500 watts	4700 watts
Power consumption in cooling/heating mode	621 watts / 851 watts	759 watts / 989 watts	1035 watts/1357 watts
Input voltage	230 volts AC (220 to 240 volts) /50 Hz		
Power consumption in cooling/heating mode	2.7 A/3.7 A	3.7 A/4.7 A	4.5 A/5.8 A
Required circuit protection (harbour)	min. 6 A, max. 10 A, delay fuse	min. 8 A, max. 10 A, delay fuse	min. 11 A, max. 15 A, delay fuse
Starting current	up to 11 A	up to 22 A	up to 32 A
Number of blower speeds	6/automatic		
Temperature range (preset)	18°C to 30°C		
Thermostat temperature control	yes		
Refrigerant	R410a		
Dimensions (W x H x D)			
A/C unit	451 x 298 x 241 mm	552 x 343 x 248 mm	552 x 343 x 279 mm
Electronic control	165 x 222 x 67 mm	165 x 222 x 67 mm	165 x 222 x 67 mm
Weight	18 kg	26 kg	28 kg
Quality features	Complete set including seawater components, air duct and installation fittings, space-saving self-contained air conditioner, high-quality, corrosion-resistant materials		

Scope of delivery: A/C unit, electrical box and control panel, seawater pump, seawater strainer, air ducts, supply-air and return-air grilles, seawater hose, through-hull fittings, fixing material, fittings, valves

 **Dometic**



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Accessories for marine climate systems

Centrifugal seawater pumps



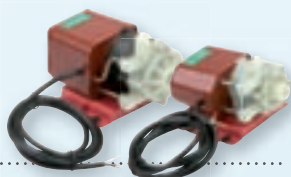
To provide seawater circulation in marine A/C systems

- Magnetic-drive impeller is wear- and maintenance-free
- Efficient motor with low power consumption
- Quiet operation

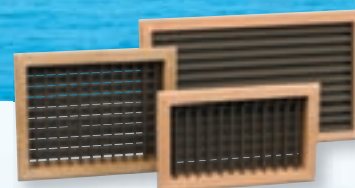
Marine Pumps

Centrifugal seawater pumps for marine A/C

PML250C, 230 volts // Ref. No. 9108549752
PML500CK, 230 volts // Ref. No. 9108549753
PMA1000C, 230 volts // Ref. No. 9108549776



Real-wood ventilation grilles



For Dometic MCS climate systems

- High-quality appearance
- Louvres can be removed for cleaning
- Return-air grilles have easy-to-clean, replaceable filters
- Supply-air grilles have double-deflection, moveable louvres

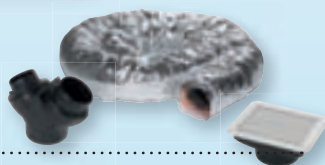
Contact your local Dometic office for available wooden grill models.

Air distribution kit

This additional kit for the Dometic MCS 12 and MCS 16 can be used to cool or heat two cabins simultaneously. The flexible design adapts easily to the individual installation situation.

- Low-cost two-cabin solution

Ref. No. 9108549923



Dometic SmartStart™ soft starter



Reduces A/C compressor current draw during start-up

- Prevents voltage spikes, helps prevent power outages
- Problem-free A/C start-up at moorings with a low standard of electrical circuit protection

230 V, 50/60 Hz for climate systems with 12,000– 30,000 BTU/h //
Ref. No. 9108680633

230 V, 50/60 Hz for climate systems with 30,000– 60,000 BTU/h //
Ref. No. 9108680637