

Seabreeze Marine Air

Making your boating more comfortable

Seabreeze Marine Air conditioning is manufactured by EPD Pty Ltd based in Salisbury Queensland Australia.

The Seabreeze Marine air conditioning system was developed to run on 12 or 24 volt.

The efficiency of the Seabreeze Marine Air conditioning is made possible through sea water cooling by the use of a heat exchanger. This unique design allows for efficient heat transfer, while minimizing the amount of sea water required.

Recharging the battery bank can be accomplished by the engine alternator, shore power, or other means specified by the customer.

Installation of a Seabreeze Marine air system is designed to be integrated seamlessly into the boat décor.



EPD PTY LTD

42 Precision Street,
PO BOX 180

Salisbury, QLD 4107

Phone: (07) 3277 6204

Fax: (07) 3274 2902

Email: info@epdindustries.com.au

www.epdindustries.com.au

Seabreeze Marine Air

Making your boating more comfortable

Efficient 12-24 volt Battery Powered Marine Air Conditioning

Sleep in comfort without the need of a generator set running



Manufactured by
EPD Pty Ltd



Seabreeze Marine Air

Making your boating more comfortable

Installation

Installation of a Seabreeze Marine Air system is dependant on the boat. This is because Seabreeze Marine Air is designed to be integrated seamlessly into the décor of the boat.

In a typical installation, the Seabreeze Marine Air condenser unit is fitted in the engine room, away from the cabin area. Refrigerant hoses run from the condenser unit through the bulkhead and to the evaporator unit. Power connections are made between the battery set and the condenser unit, and appropriate charging circuit are run.

Inlet and outlet heat exchanger water parts from the condenser unit are connected to the appropriate parts in the boat. The Seabreeze Marine Air climate control panel is positioned and connected. The system is charged with ozone friendly R134a refrigerant, the installation is completed and the Seabreeze Marine Air conditioning system is ready to be used.



12,000btu self contained

Advantages/Features

- Lightweight
- 12-24 volt DC battery operation
- Quiet operation
- Efficient operation
- Low Maintenance
- No 240v generator set required to operate unit
- Low voltage cutout
- Split system or Self contained design
- Corrosion resistant
- 3 Speed fan settings
- Soft Starting
- Mounted on rubber isolators

Technical Specifications

- 12-24 volt
- Power usage
12 volt 45-50amps
24 volt 20-28amps
(Dependant upon sea water temp and ambient temperature)
- Weight approx 29kgs
- Refrigerant R134a
- **Dimensions:**
Self Contained - L450mm x W460mm x H425mm
Split System - L445mm x W410mm x H310mm
(Drive Unit)
- **Dimensions:**
12,000btu Unit
Evaporator Unit - L359mm x W235mm x H331mm
16,000btu Unit
Evaporator Unit - L410mm x W270mm x H360mm



12,000btu Split system

Seabreeze Marine Air

Making your boating more comfortable

Standard Equipment Kit

- Condenser Unit
- Evaporator
- Control Panel
- Sea water strainer and cock
- Wiring Loom

Optional Equipment

- Batteries
- Hoses and Fittings
- Electrical Cabling
- Inverters
- Sea water inlet and outlet hoses
- Vents and ducting
- Battery Charges



Absorbed Power Deep Cycle Battery Used & Distributed by EPD Pty Ltd