

Controllers and Accessories

A wide array of controllers for SeaMach reverse cycle air conditioners are available. For the self contained and split units, three controllers are offered.



◀ **The MachAir™ programmable microprocessor controller** and display provides temperature control, auto and six manual fan speeds settings and a dehumidification mode for the SeaMach self contained and split systems.

High and low pressure inputs protect the compressor and a defrost mode prevents the coil from icing. A universal power supply operates on 120 v. or 230 v., 50 Hz. or 60 Hz.



◀ **The MachAir OLED programmable digital thermostat controller** features an OLED display screen that indicates operating status, alarm notification and a built in temperature sensor. A four position touch pad

facilitates the selection of the desired temperature and the operational set points. The display is designed to mount into a standard three module cover plates available from various manufacturers. A fuse protects the board and display from erratic voltage fluctuations. See MachAir OLED product data sheet for complete details.

▶ **The Marvair digital controller**

is a cost effective, 24v. thermostat. The thermostat has a HEAT, COOL & OFF system switch and an AUTO or MANUAL fan speed control the SeaMach self contained and split systems.



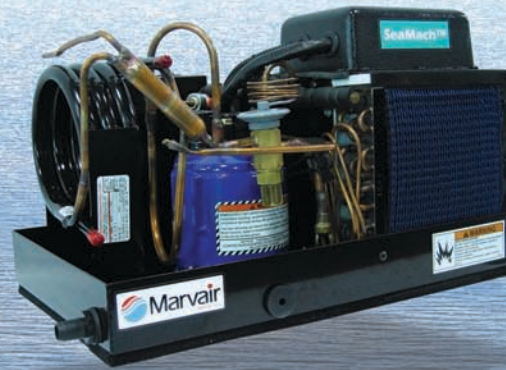
▼ **Accessories.** Marvair stocks a full compliment of accessories to facilitate the installation of the SeaMach units. Pumps, wood and aluminum grilles, duct transitions and adapters, strainers, valves, and are available.



Introducing The **NEW** SeaMach

12 Volt DC Air Conditioner

The SeaMach 12 volt DC air conditioner has a nominal cooling capacity of 5,000 BTUH and is ideal for sailboats, powerboats and any place cooling is desired. The air conditioner, including a small circulating pump, draws a nominal 30 amps. The unit can be operated directly from batteries and or used dockside with a suitable battery charger. Unlike previous units that require an inverter to convert AC to DC, the SeaMach 12 volt DC air conditioner unit was designed exclusively for DC power, greatly increasing its efficiency. A single inlet centrifugal blower delivers the cooled air quietly and efficiently and can be used with duct work and a grille.



SeaMach

SeaMach™

Reverse cycle air conditioners
by Marvair®



SeaMach™ Self-Contained and Split System Reverse Cycle Air Conditioners by Marvair®

Marvair SeaMach reverse cycle air conditioners are designed for years of dependable operation and have standard features only found on more expensive units. Through a combination of innovative design, decades of experience in building air conditioners and unmatched purchasing power, SeaMach reverse cycle self-contained and split air conditioners are an unmatched value.

SeaMach™ reverse cycle air conditioners and split system air conditioners are available in nominal capacities of 5,000, 7,000, 10,000, 12,000, 16,000, 18,000 and 24,000 BTUHs. Unique design features reduce the space required and

facilitate installation. A complete line of thermostat controllers and accessories are available. Units are built in 115 volt and 208-230v, 60 Hz. and 220v. 50 Hz. and are charged with either R22 or R407C refrigerant. R407C is an environmentally friendly, non-ozone depleting refrigerant for use in Europe.

The SeaMach reverse cycle, split system air conditioners are comprised of an air handler and a condensing section. SeaMach split systems are constructed of the same quality components as the SeaMach self contained units. The air handler and the condensing section are connected in the field with refrigerant tubing.

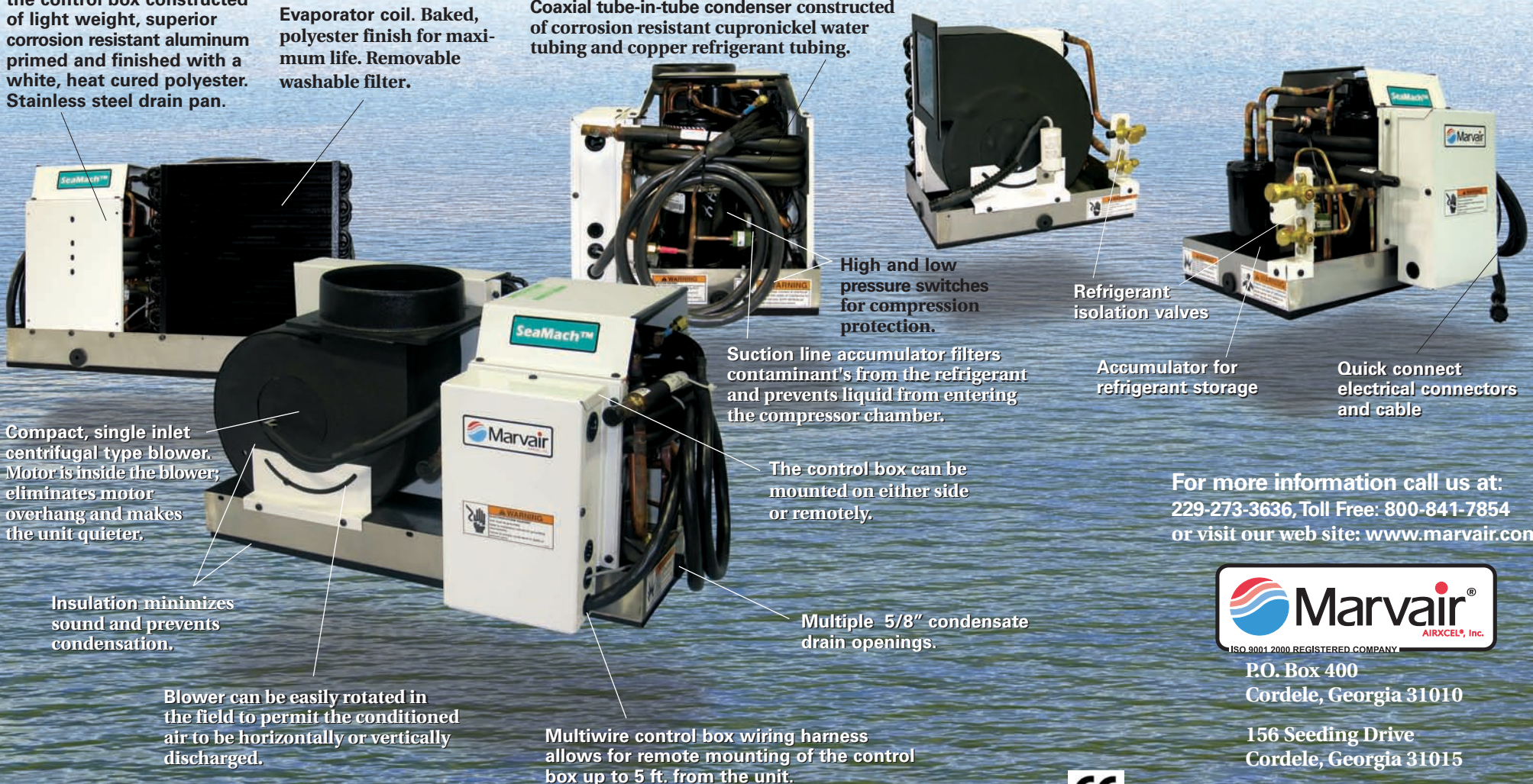
Each condensing section is precharged so that no additional refrigerant is required when the two are 20 feet (609 cm) or less apart. The installation of the refrigerant tubing is simplified by the use of flare fittings.

All SeaMach reverse cycle air conditioners are tested to the Air Conditioning and Refrigeration Institute (ARI) standard 320 for performance and efficiency in both cooling and heating modes.

Structural supports and the control box constructed of light weight, superior corrosion resistant aluminum primed and finished with a white, heat cured polyester. Stainless steel drain pan.

Evaporator coil. Baked, polyester finish for maximum life. Removable washable filter.

Coaxial tube-in-tube condenser constructed of corrosion resistant cupronickel water tubing and copper refrigerant tubing.



High and low pressure switches for compression protection.

Suction line accumulator filters contaminant's from the refrigerant and prevents liquid from entering the compressor chamber.

Refrigerant isolation valves

Accumulator for refrigerant storage

Quick connect electrical connectors and cable

The control box can be mounted on either side or remotely.

Multiple 5/8" condensate drain openings.

Multiwire control box wiring harness allows for remote mounting of the control box up to 5 ft. from the unit.

For more information call us at:
229-273-3636, Toll Free: 800-841-7854
or visit our web site: www.marvair.com



P.O. Box 400
Cordele, Georgia 31010

156 Seeding Drive
Cordele, Georgia 31015

