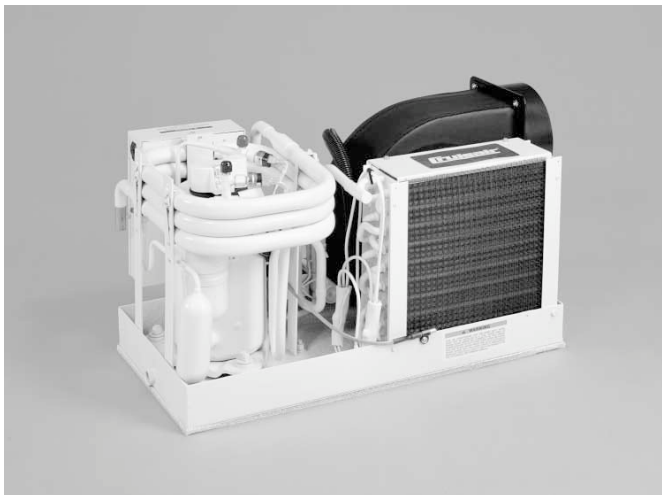


# Self-Contained Units

## DIRECT EXPANSION



SXR12C Model Shown

## Features

### StowAway V Rotary

- 7,000 - 24,000 Btu/hr
- 115V & 230V, 60 & 50 Hz models
- Reverse-cycle for heating & cooling
- Low-profile unit
- Rotatable blower for discharge in any direction
- Convenient pre-wired plug
- Quiet operation
- Lightweight
- Rotary compressor
- Low run current
- Low inrush current

### SXR Models

- For use with SMX II control system
- Pre-installed temperature sensor
- High & Low refrigerant pressure switches

### SHR Models

- For use with SSA controls
- High refrigerant pressure switch
- Easily accessible terminal strip for wiring hookup

## StowAway SXR and SHR Models

StowAway V rotary is a series of self-contained, direct-expansion, seawater-cooled, reverse-cycle air conditioners designed for marine use. This series of StowAways utilize a rotary compressor, which offers quiet operation, light weight, and low starting and running power requirements.

There are two basic product groups in the StowAway V rotary series. SXR models which are used with the SMX II microprocessor control system, and includes the SMX II power/logic module and SHR models which are designed for use with rotary-type controls.

The low-profile self-contained unit is designed to be installed under a settee or berth, in a locker or cabinet, or any other out-of-the-way location, with air ducted to a discharge-air grill which is normally placed high in the cabin. A return-air grill is situated low in the cabin.

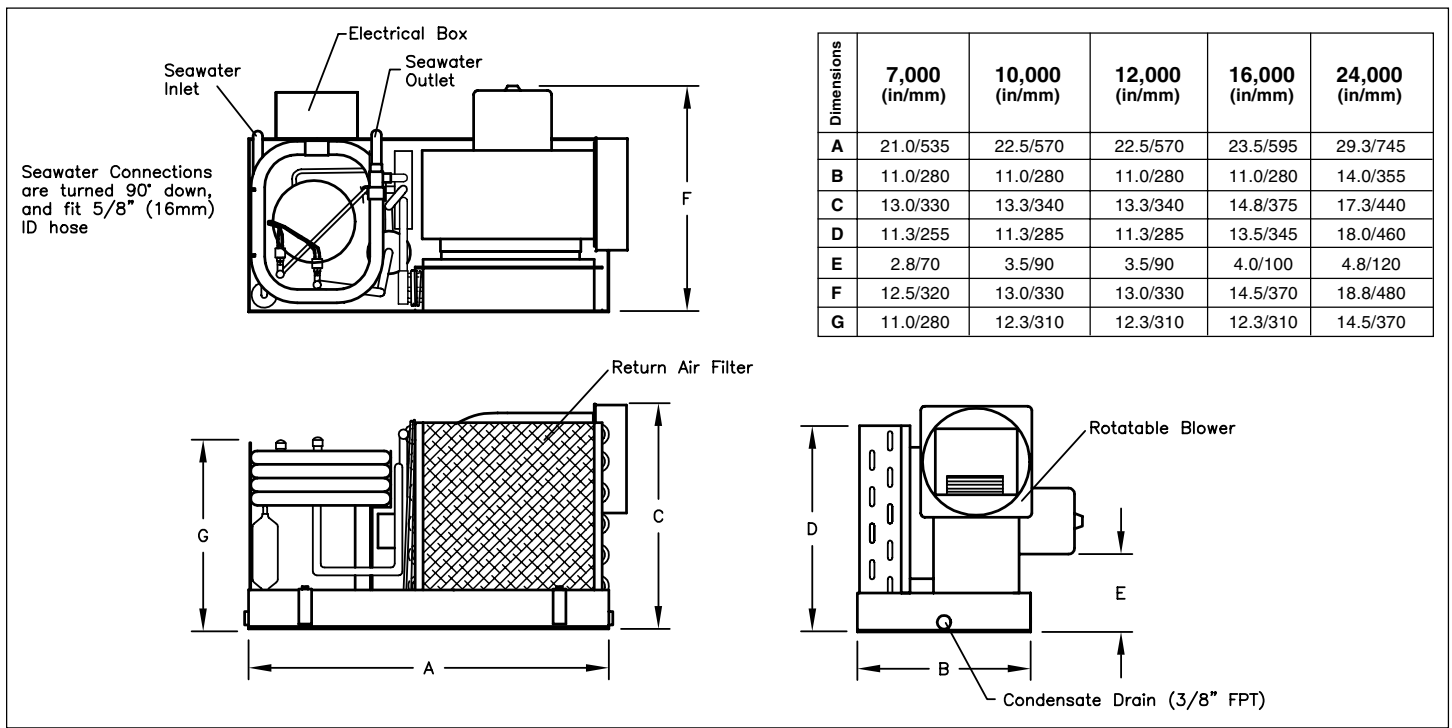
The StowAway unit contains all air conditioning components, including the refrigerant compressor, condenser, evaporator, blower, receiver and accumulator, return-air filter, wiring and other associated components, mounted on a low-profile chassis. Hold-down clamps and condensate drain fittings are also included. The condensate drip pan is designed so that it encloses the entire drip line of the unit. The StowAway series has maximum efficiency of tubing size in the refrigerant circuit and, with accumulators and receivers, provides improved compressor performance and longevity in both the cooling and heating modes.

The highly efficient condenser coil contains a rifled/spiral heat exchanger with very little pressure drop. The evaporator coil contains rifled tubing and lanced fins to increase heat exchange. The squirrel-cage blower can be rotated for discharge in different directions.

The StowAway unit is designed for ease of installation and service. All wiring hookups and charging ports are conveniently located on top of the unit. The units are pre-charged and tested at the factory. The units are available in 7,000, 10,000, 12,000 and 16,000 Btu/hr capacities, in 115V and 230V, 60 and 50 Hz models. In addition to the basic StowAway rotary unit, the following components are required to complete the installation and are ordered separately: Seawater Cooling System, Air Distribution System, and controls.

**Please note: SX24 and SH24 units use a reciprocating, not a rotary, compressor.**

**Cruisair**<sup>®</sup>  
Chill Out In Style



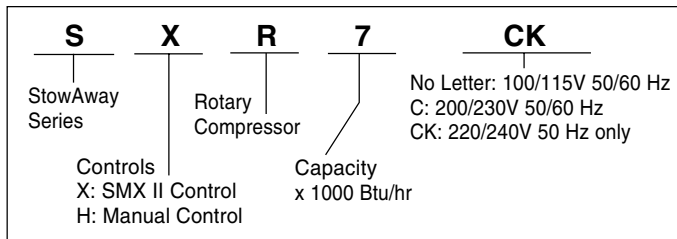
**TECHNICAL SPECIFICATIONS**

Model	Capacity (Btu/hr)	Voltage (VAC)	Full-Load Amps	Starting** Amps	Freq.* (Hz)	CFM/CMH (Nominal)	Weight (lb/kg)
SXR7/1, SHR7/1 SXR7C1, SHR7C1 SXR7CK1, SHR7CK1	7,000	115 230 220/240	8.0 3.7 3.8	18 8 9	60 60 50	270/460	58/26.3
SXR10, SHR10 SXR10C, SHR10C SXR10CK, SHR10CK	10,000	115 230 220/240	10.5 5.5 5.0	24 13 11	60 60 50	330/560	68/30.8
SXR12, SHR12 SXR12C, SHR12C SXR12CK, SHR12CK	12,000	115 230 220/240	11.5 6.0 6.0	26 14 14	60 60 50	400/680	70/31.8
SXR16, SHR16 SXR16C, SHR16C SXR16CK, SHR16CK	16,000	115 230 220/240	15.0 7.5 7.0	34 17 16	60 50 50	530/900	76/34.5
SX24C3, SH24C3 SX24CK3, SH24CK3	24,000	230 220/240	10.4 11.5	23 26	50/60 50	800/1360	140/63.5

\* NOTE: This 115V and 230V, 60 Hz equipment can be operated at 100V or 200V respectively, in a 50 Hz environment. In such a 50 Hz environment, rated capacity must be decreased by 17%. Full rated capacity may be obtained by specifying Cruisair "CK" equipment.

\*\* Starting Amps vary with load and voltage, but are typically 2 to 3 times the full load running amps.

**INTERPRETING MODEL NUMBERS**



**SPECIFYING GUIDE FOR ACCESSORIES**

Unit Capacity Btu/hr	Minimum Grill Sizes (Square in/cm)		
	Discharge	Return-Air	Pump Capacity GPH/LPH
7,000	50/320	80/520	250/950
10,000	60/390	100/650	250/950
12,000	70/450	120/775	500/1900
16,000	80/520	140/900	500/1900
24,000	120/775	225/450	500/1900

