

Stowaway Compact Series Boat Air Conditioning

High-Capacity Air Conditioning In a Compact Package



The Stowaway Compact series of self-contained marine air conditioners offers 18,000 and 27,000, and 30,000 BTU/hr of reverse-cycle cooling and heating.

These high-capacity units were engineered to harness and maximize the impressive performance of environmentally safe R-410A refrigerant. Used in the HVAC industry for more than 10 years, R-410A is proven and reliable, complies with all EPA standards, and is accepted worldwide.

All models offer direct expansion operation in a compact, low-profile unit, with a seawater-cooled condenser and choice of controls. Stowaway Compact units are designed for installation under a settee or berth, in a locker or cabinet, or other convenient location.

Stowaway Compact systems feature high-velocity (HV) blowers. All blowers are insulated to prevent secondary condensation, and are fully rotatable for flexibility during installation. A painted galvanized metal chassis is standard on 18K and 27K models; a stainless-steel chassis upgrade is available for enhanced durability.

The SQUF30 features dual evaporator coils and a single compressor on a compact stainless-steel chassis. The dual high-velocity (HV) blowers can be ducted to two or more interior spaces.



The dual-blower 30,000 BTU/hr unit with stainless-steel chassis.

Key Benefits

- Compact design reduces unit size by up to 25% of the original Vector Rotary's size.
- High-velocity (HV) fully-insulated blowers are rotatable.
- Blowers are rotatable and fully insulated.
- Patented design increases cooling capacity and dehumidification.
- Engineered to maximize the performance of R-410A, an environmentally safe refrigerant.
- Unique compressor and reversing valve mounting reduces vibration.
- Electrical box is installed within unit footprint on 18K and 27K models; remotely mounted for 30K models.
- High-efficiency rotary and scroll compressors are quiet and more reliable.
- Condenser coil's cupronickel-encased copper condenser coil provides maximum heat transfer and high resistance to corrosion.
- Evaporator coil employs an enhanced fin design and rifled copper tubing to provide maximum capacity.
- 27K and 30K models available in 3-phase power on a special order basis.

Cruisair®

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Specifications for Stowaway Compact Series Boat Air Conditioning

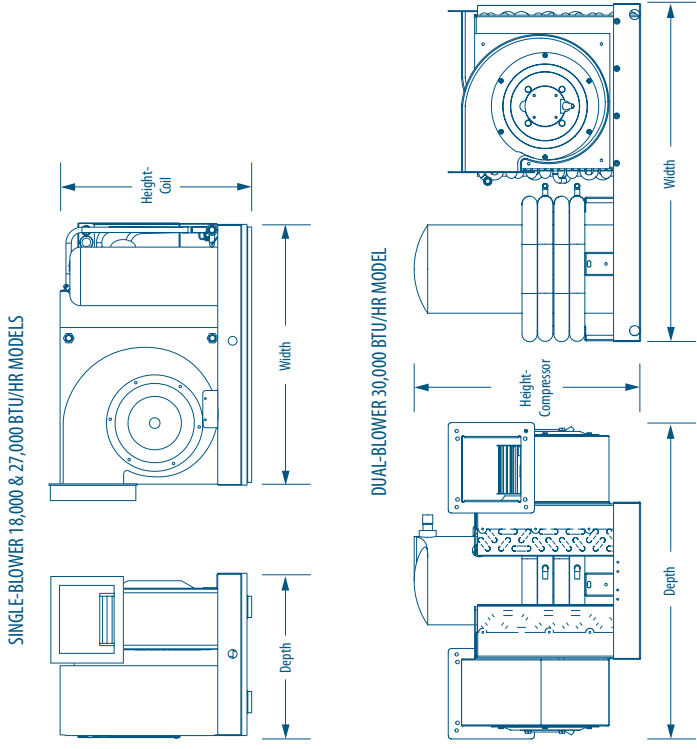
Model ⁽¹⁾	SQUF18	SQUF27	SQUF30
Capacity (BTU/h) ⁽²⁾	18000	27000	30000
Voltage (V)	115	230	230
Cycle (Hz) ⁽³⁾ /Phase (Ph)	60/1	50/1	60/1
Full Load Amps (FLA) Cool (A)	11.1	5.75	8.1
Full Load Amps (FLA) Heat (A)	15.1	8.3	7.6
Full Load Amps (FLA) Blower (A)	1.93	1.15	1.11
Locked Rotor Amps (LRA) (A)	66	32	1.64
Max. Circuit Breaker (A)	45	20	53
Min. Circuit Ampacity (A)	27	13	40
Refrigerant Type	410A	410A	410A
Height-Coil (in/mm)	14/356	18/458	N/A
Height-Compressor (in/mm)	15.5/394	19.25/489	17/432
Width (in/mm)	12/305	15.25/388	25/635
Depth (in/mm)	21/534	24.75/629	26.5/674
Min. Supply Duct Size (in/mm)	7/178	8/204	5/127
Min. Supply Air Gills Size (sq in/sq cm)	100/646	140/904	150/968
Min. Return Air Gills Size (sq in/sq cm)	200/1291	240/1549	250/1613
Seawater Inlet Connection (in/mm)	3/8	3/8	3/8

¹ "SQUF" models indicate Q-Logic control. For SMXII control use "SQUF". For electro-mechanical controls use "SHUF".

² BTU and electrical data are based on 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.

³ 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate states otherwise.

Dimensions



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Specifications and availability subject to change without notice.

Dealer

