No Plumbing or Ducting

DuraSea Rooftop Air-Cooled Air Conditioner

Drop-In Cooling Unit That Requires No Plumbing or Ducting

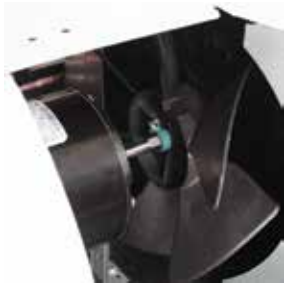
The DuraSea Rooftop is a 15,000 BTU/hr air conditioner* built to endure harsh marine environments. Ideal for patrol boats, house boats, and other vessels, it is designed to be installed on a flat deck or rooftop and cool the area directly below. It is air cooled and requires no plumbing or ducting.

The air-distribution box (ADB), sold separately, attaches to the underside of the unit. Accessible from the interior cabin, the ADB contains the thermostat, fan controls, return-air vent and two supply-air vents that blow in opposite directions for increased cooling capability. The three-speed blower works in cooling and ventilation-only modes.

Both the condenser and evaporator coils are coated using the ElectroFin® E-coat process which provides superior resistance to salt-air corrosion and UV damage when compared to spray coating. E-coat employs electrically charged molecules to coat the components for complete and uniform coverage with no material bridging between the fins. The E-coat material was salt-spray tested for 5,000 hours, not 1,000 like competing units. In addition, the condenser and evaporator fans are also corrosion resistant and will not rust. Unlike the competition, we use oversize coils for improved performance and dehumidification.

Rugged and strong, the DuraSea Rooftop weighs only 103 lbs. (46.7 kg). The heavy-duty reinforcement plate ties the evaporator and condenser together to minimize vibration and movement. A vibration-isolating L-bracket on the compressor and fan motor is incorporated for additional stabilization. Rubber clamps and bushings further control noise and vibration. The powder-coated base pan is 15% thicker than other models.

* The 50Hz model is rated at 12,000 BTU/hr.



Weather-tight fan motor and bearings with a stainless-steel shaft.

The air distribution box (sold separately) mounts on the ceiling to provide A/C controls.

Compressor is bracketed at top as well as bottom to minimize vibration and movement while under way.

Key Benefits

- Air-cooled unit designed for rooftop or deckmount installation.
- No plumbing or ducting required.
- Provides 15,000 BTU/hr. of cooling (60Hz model only).
- Rugged and strong, yet lightweight.
- High efficiency, low power consumption.
- ElectroFin® E-coat process for superior resistance to corrosion and UV damage.
- Vibration-free operation.
- Compressor stabilization to endure extreme motion.
- Three-speed high-performance fan for cooling and ventilation.
- Sealed motor and bearings.
- Stainless-steel fan-motor shaft.
- Oversize coils for better performance and dehumidification.
- Environmentally safe R-410A refrigerant.
- Air distribution box (sold separately) includes mechanical control and interior panel.
- Optional electric heat.

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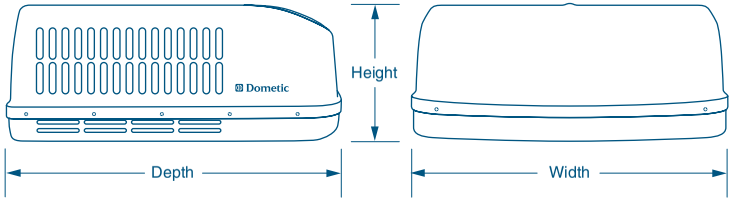
Technical Specifications for DuraSea Rooftop Air Conditioner

Model	DuraSea Rooftop	
Capacity (BTU/hr)	15,000	12,000
Voltage/Cycle	115V/60Hz	240V/50Hz
Run Amps	15.3	7.0
Locked Rotor Amps (LRA)	66.0	28.0
Refrigerant Type	R-410A	R-410A
Height (in/mm)	13.1/334	13.1/334
Width (in/mm)	29.8/759	29.8/759
Depth (in/mm)	34.8/886	34.8/886
Net Weight (lbs/kg)	103/46.7	102/46.3

[1] All dimensions ± 0.30 in. (8 mm).
[2] All weights ± 10%

Dimensions



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Specifications and availability subject to change without notice.

Environmentally Responsible

Assembled in the USA

Dealer