

EFD 2-Ton Evaporator

High-Capacity Marine Unit for R-22 or R-417A Condensers



Marine Air's EFD 24,000 BTU/hr evaporator for split-system air conditioning features a compact, modular design. For maximum efficiency, the plenum chambers are increased and the coil has enhanced fins and rifled tubing. This unit also offers easy disassembly for access to components for maintenance. It works with Marine Air R-22 or R-417A condensers.

The centrifugal blower is quiet and efficient with a fully-insulated housing. For installation flexibility, the blower rotates to horizontal or vertical positions. The blower's internal motor reduces depth for easier installation. A thermoplastic mounting ring enables easy installation of ducting or transition box.

The condensate drain pan includes two ½ in. (13 mm) FPT drain hook-ups, and it is insulated to prevent sweating.

As with all Marine Air products, quality is assured. Each unit is pre-charged, test-run in all operating modes, and leak-checked at the factory prior to shipping. All surface components are constructed of or coated with materials resistant to fire and corrosion. Charge Guard® protection provides sealed access ports that ensure environmental protection and system integrity. Marine Air evaporators meet or exceed applicable ABYC and US Coast Guard regulations, CE directives, and general Air Conditioning and Refrigeration Industry (ARI) standards.

Key Benefits

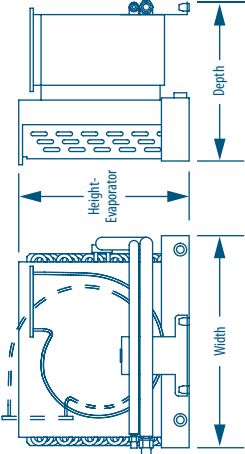
- Compact high-efficiency 24,000 BTU/hr evaporator.
- Easy disassembly for maintenance access.
- High-velocity (HV) blower with internal motor to reduce depth.
- Patented.
- 1/2 in. (13 mm) FPT drain connections.
- Blower support bracket with cushioned mounts to reduce noise and vibration.
- Charged, tested, and leak checked at the factory.
- Meets or exceeds all applicable standards and regulation.

Specifications for EFD 2-Ton Evaporator

Model ⁽¹⁾	EFD24
Capacity (BTU/h)	24000
Voltage @ 50/60Hz ± Ph (V)	230
Full Load Amps (FLA) Blower (A)	1.64
Kilo-Volt-Amps (KVA)	0.38
Height-Evaporator (in/mm) ⁽²⁾	16.5/420
Width (in/mm) ⁽²⁾	21.25/540
Depth (in/mm) ⁽²⁾	15.6/397
Min. Supply Duct Size (in/mm)	8/204
Min. Supply Air Gills Size (sq in/sq cm)	140/904
Min. Return Air Gills Size (sq in/sq cm)	240/1549
Refrigerant Line Connection-Discharge (in)	3/8
Refrigerant Line Connection-Suction (in)	3/8
Net Weight (lbs/kg) ⁽³⁾	46/20.9
Gross Weight (lbs/kg) ⁽³⁾	54/24.5

¹ Cruiser customers, replace "C" in the model name with "Q" for Q-Logic digital control system, or "W" for electro-mechanical control. Marine Air customers, replace "M" in the model name with "D" for Passport I/O digital control system, or "W" for electro-mechanical control.
² All dimensions ± 0.20 in. (8 mm).
³ All weights ± 10%.

Dimensions



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Specifications and availability subject to change without notice.



Dealer