

Dash Air Low-Profile Boat Air Conditioner

Designed for Unique & Height-Restrictive Installations



The Dash Air low-profile self-contained boat air conditioner is designed for unique applications. Thanks to the innovative horizontal compressor and dual high-velocity tangential blowers, it can be installed in height-restrictive spaces, making it ideal for flybridge, cockpit, engine room, or exterior deck installations.

The Dash Air delivers 16,000 BTU/hr of cooling in a package that stands just 8 in. (203 mm) high. It has reverse-cycle heating.



Thanks to the unique horizontal compressor, these low-profile units stand only 8 in. (203 mm) high.

Key Benefits

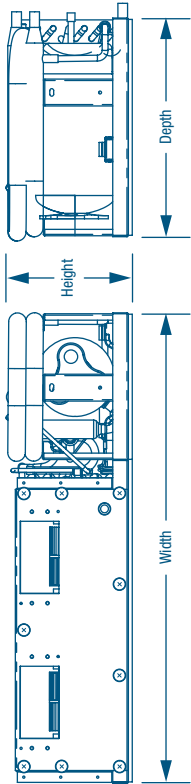
- Stands only 8 in. (203 mm) high.
- Unique horizontal compressor.
- 16,000 BTU/hr cooling and heating.
- High-efficiency, ductable dual tangential blowers.
- Ideal for flybridge, cockpit, and on-deck installations.
- Engineered to maximize the performance of R-410A, an environmentally safe refrigerant.
- 304-grade stainless-steel drain pan for long service life.
- Stainless-steel condensate drains for excellent water removal.
- Electrical box can be remotely mounted up to 5 ft. (1.52 m).
- Special corrosion-resistant coating on blower and housing.
- Oversize four-row evaporator coil for excellent heat removal under low-fan speed conditions.
- Available as low-profile evaporator only (EDLE units) to work with Marine Air remote condensers.

Specifications for Dash Air Low-Profile Boat Air Conditioner

Model ⁽¹⁾	VLD16	EDL16
Capacity (BTU/h) ⁽²⁾	16000	16000
Voltage (V)	115	230
Cycle 1 (Hz)	60	50
Cycle 2 (Hz)	N/A	50
Phase (Ph)	1	1
Full Load Amps (FLA) Cool (A)	12.8	4.7
Full Load Amps (FLA) Heat (A)	15.5	6.2
Full Load Amps (FLA) Blower (A)	2	0.86
Locked Rotor Amps (LRA) (A)	63	29
Max. Circuit Breaker (A)	40	20
Min. Circuit Ampacity (A)	24	14
Refrigerant Type	R410A	410A
Height (in/mm) ⁽³⁾	8/204	7/4/188
Width (in/mm) ⁽⁴⁾	30/25/769	22/25/566
Depth (in/mm) ⁽⁵⁾	14/356	11/280
Min. Supply Duct Size (in/mm)	7/178	7/178
Min. Supply Air Grille Size (sq in/sq cm)	80/517	80/517
Min. Return Air Grille Size (sq in/sq cm)	160/1033	160/1033
Seawater Inlet Connection (in/mm)	3/4 1/6	N/A
Net Weight (lbs/kg) ⁽⁶⁾	70/31.8	65/29.5
Gross Weight (lbs/kg) ⁽⁶⁾	80/36.3	73/33.2

¹ VLD indicates low-profile self-contained units. EDL indicates low-profile evaporator-only units.
² BTU and electrical data are based on a 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 All dimensions ± 0.30 in. (8 mm).
⁴ All dimensions ± 10 mm.
⁵ All weights ± 10%.

Dimensions



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Specifications and availability subject to change without notice.

Air Distribution Accessories for Dash Air

- #220000005 – PLNM AMN RA VLD16/2@5 in. Side Discharge Plenum
- #220000006 – PLNM AMN RA VLD16/2@5 in. Upward Discharge Plenum
- #220000007 – PLNM AMN RA VLD16/2@5 in. Downward Discharge Plenum
- #228700089 – Ring ABS trans 5 in. – OB Short Flange

Dealer

