

Only 8 in. High

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 and heating in a package that stands just eight inches (203 mm) high. The dual blowers can be ducted to different areas or to confined areas such as flybridge dashboards and consoles.

Dash Air features an oversized four-row evaporator coil for excellent heat removal under low fan-speed conditions. A highly efficient blower reduces power consumption, and the blower flows to two outlets.

Dash Air is available as a low-profile evaporator only (EDLE units) to work with Marine Air R-410A remote condensers.



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

Key Benefits

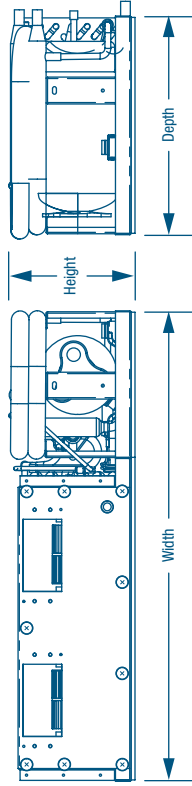
- Stands only 8 in. (203 mm) high.
- Unique horizontal compressor.
- 16,000 BTU/hr cooling and heating.
- High-efficiency, ductable dual blowers.
- Ideal for flybridge, cockpit, and on-deck installations.
- Engineered to maximize the performance of R-410A, an environmentally safe refrigerant.
- 304-grade 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.
- Oversized 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	EDLE16
Capacity (BTU/h) ⁽²⁾	16000	16000
Voltage (V)	115 230	115 230
Cycle 1 (Hz)	60	60
Cycle 2 (Hz)	N/A	50
Phase (Ph)	1	1
Full Load Amps (FLA) Cool (A)	11 4.7	1.5 4.42
Full Load Amps (FLA) Heat (A)	14.2 6.2	5.82
Full Load Amps (FLA) Blower (A)	2 0.86	0.62
Locked Rotor Amps (LRA) (A)	61 29	26
Kilo-Volt-Amps (KVA)	1.63 1.43	1.40
Max. Circuit Breaker (A)	35 20	15
Min. Circuit Ampacity (A)	23 14	11
Refrigerant Type	R410A	410A
Height (in/mm) ⁽³⁾	8/204	N/A
Width (in/mm) ⁽³⁾	30.25/769	22.25/566
Depth (in/mm) ⁽³⁾	14/356	11/280
Min. Supply Duct Size (in/mm)	7/178	7/178
Min. Supply Air Gills Size (sq in/sq cm)	80/517	80/517
Min. Return Air Gills Size (sq in/sq cm)	160/1033	160/1033
Gross Weight (lbs/kg) ⁽⁵⁾	56/16	N/A
Net Weight (lbs/kg) ⁽⁴⁾	70/31.8	65/29.5
Seawater Connection (in/mm)	80/36.3	73/33.2
Gross Weight (lbs/kg) ⁽⁵⁾	80/36.3	73/33.2
Net Weight (lbs/kg) ⁽⁴⁾	70/31.8	65/29.5
Gross Weight (lbs/kg) ⁽⁵⁾	80/36.3	73/33.2
Net Weight (lbs/kg) ⁽⁴⁾	70/31.8	65/29.5

¹ VLD indicates low-profile self-contained units. EDLE 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



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



DOMETIC MARINE DIVISION
 2000 N. Andrews Ave. | Pompano Beach, FL 33069 USA | Tel. 954-973-2477 | Fax: 954-979-4414
 www.Dometic.com/Marine | MarineSales@DometicUSA.com

24/7 TECH SUPPORT FOR UNITED STATES & CANADA:
 8:00 AM to 5:00 PM Eastern Time: 800-542-2477
 After hours and weekends: 888-440-4494

INTERNATIONAL SALES & SERVICES
 Europe & the Middle East: Call +44(0)870-330-6101
 For all other areas visit our website to find your nearest distributor.

L-2620 Rev. 20120824

Specifications and availability subject to change without notice.