

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

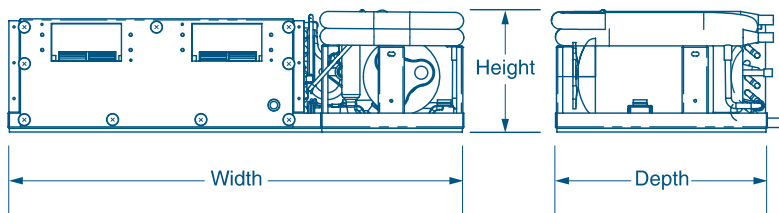
- Stands only 8 in. (203 mm) high
- Unique horizontal compressor
- 16,000 BTU/hr cooling and heating
- High-efficiency, ductable dual tangential blowers
- Ideal for flybridge, cockpit, and on-deck installations
- Engineered to maximize the performance of R-410A, an environmentally safe refrigerant
- 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			EDLE16	
Capacity (BTU/h) ⁽²⁾	16000			16000	
Voltage (V)	115	230	240	115	230
Cycle 1 (Hz)	60		50	60	
Cycle 2 (Hz)	N/A			50	
Phase (Ph)	1			1	
Full Load Amps (FLA) Cool (A)	12.8	4.7	4.42	1.5	0.62
Full Load Amps (FLA) Heat (A)	15.5	6.2	5.82	N/A	
Full Load Amps (FLA) Blower (A)	2	0.86	0.62	2	0.86
Locked Rotor Amps (LRA) (A)	63	29	26	N/A	
Max. Circuit Breaker (A)	40	20	15	5	
Min. Circuit Ampacity (A)	24	14	11	2	1
Refrigerant Type	R410A	410A		N/A	
Height (in/mm) ⁽³⁾	8/204			7.4/188	
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	
Quantity-Duct Connections	2			2	
Min. Supply Air Grille Size (sq in/sq cm)	80/517			80/517	
Min. Return Air Grille Size (sq in/sq cm)	160/1033		106/684	160/1033	
Seawater Inlet Connection (in/mm)	5/8 /16			N/A	
Net Weight (lbs/kg) ⁽⁴⁾	70/31.8	65/29.5	72.25/32.8	19/8.7	
Gross Weight (lbs/kg) ⁽⁵⁾	80/36.3	76/34.5	81.75/37.1	29/13.2	

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

- #229000005 – PLNM AMN RA VLD16/2@5 in. Side Discharge Plenum
- #229000006 – PLNM AMN RA VLD16/2@5 in. Upward Discharge Plenum
- #229000007 – PLNM AMN RA VLD16/2@5 in. Downward Discharge Plenum
- #228700089 – Ring ABS trans 5 in. – OB Short Flange

DOMETIC MARINE DIVISION
 2000 N. Andrews Ave. Ext. | 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
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