

Only 8 in. High

Low-Profile Self-Contained Air Conditioner

Designed for Unique & Height-Restrictive Installations



The Low-Profile self-contained 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 Low-Profile 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.

The Low-Profile 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.

The Low-Profile is available as an evaporator only (EDLE units) to work with Emerald R-410A remote condensers.



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



Low-profile units are available as an evaporator only (EDLE) that works with Emerald R-410A remote condensers.

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
- 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
- 5 ft. (1.5 m) air sensor standard
- Operates with select Cruisair or Marine Air displays
- Available as low-profile evaporator only (EDLE units) to work with Emerald remote condensers

Special Options

- Display cable

 **Dometic**
CRUISAIR

 **Dometic**
MARINE AIR

Specifications for Low-Profile Self-Contained Air Conditioner

Model ⁽¹⁾	DLU16			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			7.48/190	
Width (in/mm) ⁽⁴⁾	30.25/769			22.24/565	
Depth (in/mm) ⁽⁴⁾	14/356			11.16/284	
Min. Supply Duct Size (in/mm)	5/127			5/127	
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 To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115V/60Hz/1-Phase, '-2251' for 220-240V/50Hz/1-Phase, or '-2361' for 230V/60Hz/1-Phase, followed by '-410A' (e.g. 'DLU16-2361-410A').

² 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate says otherwise.

³ All dimensions ± 0.30 in. (8 mm).

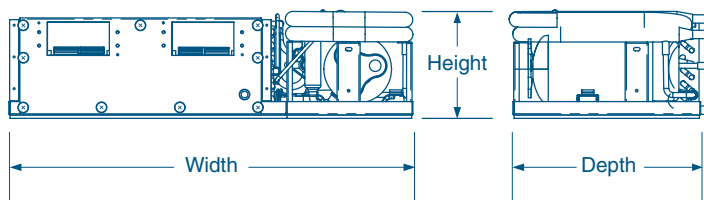
⁴ All weights ± 10%

Air Distribution Accessories for Dash Air

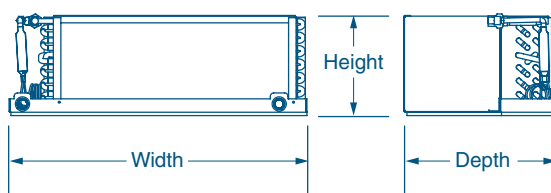
- #229000005 – PLNM AMN RA VLD16/2@5 in. Side Discharge Plenum
- #229000006 – PLNM AMN RA VLD16/2@5 in. Upward Discharge Plenum
- #229000007 – PLNM AMN RA VLD16/2@5 in. Downward Discharge Plenum
- #228700089 – Ring ABS trans 5 in. – OB Short Flange

Dimensions

Dash Air Low-Profile Air Conditioner



EDLE Low-Profile Evaporator



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