

EBLE Series Low-Profile Evaporators

Dual-Blower Units for Height Restrictive Spaces



Cruisair's EBLE low profile, dual-blower series of ductable cooling/heating units are available in a wide range of capacities and configurations. Available in capacities from 12K to 36K BTU/hr., EBLE units are designed for installations where there is limited vertical space, such as beneath a seat or bunk, or in overhead spaces.

Standard EBLE units consist of a low-profile evaporator coil mounted on a deep condensate pan, with two high-efficiency permanent split capacitor (PSC) blowers drawing air across the coil. Refrigerant line connections and a metering device are also included. Refrigerant connections are male flare fittings.

The variable-speed blower motor is internal to the blower wheel, which results in less noise and reduced unit depth for easier installation.

The drain pan, blower housing and all transitional metal surfaces are covered with insulating foam to prevent secondary condensation and reduce noise. The drain pan is lined with anti-slosh, antifungal foam, and the blowers can be rotated for discharge in different directions.

EBLEP models are designed for overhead installations, and include an insulated return-air plenum to collect air from a ceiling mounted grille.

EBLE units have integrated electric heat strips to provide heat when the seawater is too cold for adequate reverse-cycle heating. All Cruisair auxiliary heaters use a two-stage thermal protection system to prevent dangerous overheating in case airflow is lost. The first cutout is an automatic reset switch, and the second stage is a manual reset control. Other safety features include high-temperature insulation on the interior surfaces and high temperature wiring.



Units are available with return-air plenum for overhead applications (EBLEP models).

Key Benefits

- Low-profile, dual-blower ductable cooling/heating units.
- Environmentally safe R-410A refrigerant.
- Variable-speed, high-efficiency PSC blowers are rotatable.
- Drain pan has anti-slosh, anti-fungal foam lining.
- Exposed sheet metal is insulated against secondary condensation.
- Available with electric heat (EBLE models).
- Units are available with return-air plenum for overhead applications (EBLEP models).
- Models with return-air plenum also available with electric heat (EBLEP models).
- Thermal expansion valve for optimal performance over a range of conditions.

Cruisair[®]

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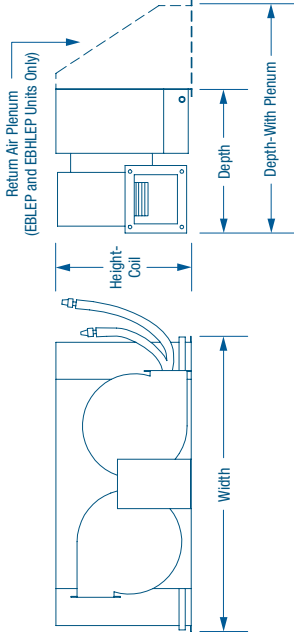
Specifications for EBLE Series Low-Profile Evaporators

Model	Capacity (BTU/hr)	Voltage/Hz/Phase	Blower Amps	Electric Heat (kW)	Heater Amps	Height (in/mm) ²	Width (in/mm)	Depth (in/mm)	Weight (lbs/kg)
EBLE12-115V	12,000	115V/60Hz/1	2.4	N/A	N/A	11.25/286	24.0/610	13.5/343	30/13.6
EBLE12-230V	12,000	230V/50 or 60Hz/1	1.2	N/A	N/A	11.25/286	24.0/610	13.5/343	30/13.6
EBLE16-115V	16,000	115V/60Hz/1	2.4	N/A	N/A	11.25/286	24.0/610	13.5/343	30/13.6
EBLE16-230V	16,000	230V/50 or 60Hz/1	1.2	N/A	N/A	11.25/286	24.0/610	13.5/343	30/13.6
EBLE24-115V	24,000	115V/60Hz/1	2.8	N/A	N/A	12.5/318	27.5/699	14.0/356	40/18.1
EBLE24-230V	24,000	230V/50 or 60Hz/1	1.6	N/A	N/A	13.0/330	37.5/953	14.0/356	46/20.9
EBLE36-115V	36,000	115V/60Hz/1	3.6	N/A	N/A	11.25/286	24.25/616	21.0/533	36/16.3
EBLE36-230V	36,000	230V/50 or 60Hz/1	1.8	N/A	N/A	12.5/318	27.75/701	22.75/578	44/20.0
EBLE48-115V	48,000	115V/60Hz/1	2.8	N/A	N/A	11.25/286	20.5/521	16.0/406	36/16.3
EBLE48-230V	48,000	230V/50 or 60Hz/1	1.2	2.0	8.7	11.25/286	27.5/699	17.0/432	46/20.9
EBLE72-115V	72,000	115V/60Hz/1	2.4	2.0	8.7	11.25/286	24.25/616	23.75/603	40/18.1
EBLE72-230V	72,000	230V/50 or 60Hz/1	1.2	2.0	8.7	11.25/286	24.25/616	23.75/603	40/18.1
EBLE96-115V	96,000	115V/60Hz/1	2.8	2.0	8.7	12.5/318	27.75/701	26.5/673	50/22.7
EBLE96-230V	96,000	230V/50 or 60Hz/1	1.6	2.0	8.7	12.5/318	27.75/701	26.5/673	50/22.7

¹ EBLE indicates base unit without heat or return-air plenum; EBLEP indicates unit with return-air plenum; EBHLE indicates unit with electric heat; and EBHLEP indicates unit with both electric heat and return-air plenum.

² Heights shown for blowers in horizontal position. All dimensions ± 10 mm.

Dimensions



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