

TurboVap Series Evaporators

Reduced Size, Noise & Power Draw



The TurboVap Series of direct expansion (DX) split-gas evaporators for boats is based on the revolutionary engineering advancements of the award-winning Turbo self-contained air conditioning system. Featuring a rust-free molded composite drain pan, condensate water is rapidly removed at one of two easy-to-plumb drain locations. The pan also has innovatively designed anti-slosh ridges and "positive flow" channels to ensure condensate does not spill even in the roughest seas.

For improved installation ease and flexibility, the enclosed blower motor eliminates overhang and the blower can be rotated 270° with a single adjustment screw. The unit's unique inlet ring is designed to optimize air flow and ensure that the height of the unit does not increase when the blower rotates. The fully insulated, high-velocity blowers are quiet and efficient.

Experience better noise reduction with the TurboVap Series' built-in cushioning system which minimizes vibration to the deck. Additionally, the innovative mounting clips utilize vibration isolators.

TurboVap units can be paired with condensers that use either R-22 or R-417A refrigerants. See the Emerald Series of TurboVaps and condensers for a complete split system that uses R-410A refrigerant.



The rust-free composite drain pan reduces standing water up to 85%, thanks to "positive-flow" drain channels. These channels also help prevent spilling and sloshing in rough seas.



Optional lineset extensions for discharge and suction are available for all TurboVap models.

Key Benefits

- Up to 28% reduced amperage.
- Up to 85% reduction in standing water in the drain pan.
- Up to 14% increase in cooling capacity.
- Up to 15% lighter.
- Up to 17% reduction in height.
- Up to 19% increased air flow CFM.
- Rust-free composite drain pan.
- Drain pan features anti-slosh, "positive-flow" drain channels for no spills and rapid removal of condensate.
- Up to 15 minutes faster to install.
- Single adjustment screw for 270° of blower rotation.
- High-velocity (HV) fully-insulated blowers are rotatable.
- Vibration-isolation mounts reduce noise and vibration.
- 115V and 230V models.
- Can be used with R-22 or R-417A condensers.

Specifications for TurboVap Series Evaporators

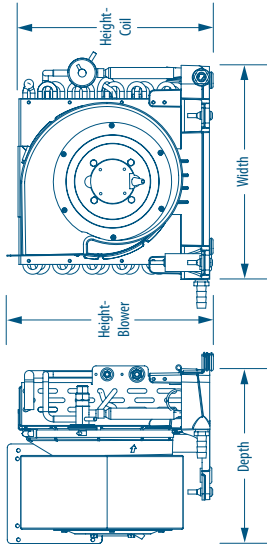
| Model ⁽¹⁾ | TV4 | TV6 | TV8 | TV10 | TV12 | TV16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Capacity (BTU/h) | 4000 | 6000 | 8000 | 10000 | 12000 | 16000 |
| Voltage @ 50/60Hz ±Ph (V) | 115 230 | 115 230 | 115 230 | 115 230 | 115 230 | 115 230 |
| Full Load Amps (FLA) Cool (A) | 0.82 0.41 | 0.82 0.41 | 1.56 0.83 | 1.14 0.61 | 1.14 0.61 | 1.61 0.78 |
| Max. Circuit Breaker (A) | 5 | 5 | 5 | 5 | 5 | 5 |
| Min. Circuit Ampacity (A) | 2 | 2 | 2 | 2 | 2 | 3 |
| Height-Coil (in/mm) ⁽²⁾ | 10.8/275 | 10.8/275 | 10.8/275 | 12.6/321 | 12.6/321 | 13/331 |
| Height-Blower (in/mm) ⁽²⁾ | 10.8/275 | 10.8/275 | 11.4/290 | 12.6/321 | 12.6/321 | 13.6/346 |
| Width (in/mm) ⁽²⁾ | 12.3/313 | 12.3/313 | 12.3/313 | 14.3/364 | 14.3/364 | 14.3/364 |
| Depth (in/mm) ⁽²⁾ | 9.5/242 | 9.5/242 | 9.4/239 | 10.4/265 | 10.4/265 | 11.6/295 |
| Min. Supply Air Duct Size (in/mm) | 4/102 | 4/102 | 5/127 | 6/153 | 6/153 | 7/178 |
| Min. Supply Air Grille Size (sq in/sq cm) | 32/207 | 32/207 | 48/310 | 60/388 | 70/452 | 81/523 |
| Min. Return Air Grille Size (sq in/sq cm) | 64/413 | 64/413 | 80/517 | 110/710 | 130/839 | 160/1033 |
| Net Weight (lbs/kg) ⁽³⁾ | 10.5/4.8 | 11/4.1 | 14/6.4 | 17.5/7.1 | 17.5/7.1 | 20.5/9.3 |
| Gross Weight (lbs/kg) ⁽³⁾ | 18.5/8.4 | 19/8.7 | 22/9.1 | 25.5/11.6 | 25.5/11.6 | 28.5/12.1 |

¹ Add T15V or 230V to the model number for 115V and 230V units, respectively.

² All dimensions ± 0.30 in. (8 mm).

³ All weights ± 10%

Dimensions



Dealer



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Specifications and availability subject to change without notice.