

# Turbo Series Air Conditioning

Powerful, Quiet & Compact With No Drain Pan Worries



Turbo air conditioner shown with optional sound cover

The Turbo series completely revolutionized self-contained boat air conditioning (cooling and heating) with patented innovations in marine air conditioning system design, winning the IBEX Innovation Award in 2007.

The rust-free molded composite drain pan has three drains for the rapid removal of condensate water. The drain pan has a small footprint for installation flexibility.

A vibration-isolation mounting system results in significantly quieter, virtually vibration-free performance. The enclosed blower motor eliminates overhang for reduced depth.

The Turbo series was specifically engineered to harness and maximize the impressive performance of R-410A, a proven and environmentally safe refrigerant gas.

The optional Turbo sound cover provides up to 50% further noise reduction. This compact, easy-to-install sound cover completely encases the compressor to provide a 3- to 5-dB reduction in noise. Available for all Turbo models, the sound cover installs in minutes. Mounting hardware is included.



Redesigned composite drain pan is stronger with beefed-up drain threads to resist cracking.



Optional sound cover further reduces compressor noise by up to 50%.



Vibration-isolation mounting clips reduce vibration and noise.

## Key Benefits

- Up to 27% more energy efficient
- Up to 21% increased capacity
- Compact design uses less space
- Rust-free composite drain pan
- Up to 85% less standing water in the drain pan
- Vibration-isolation mounts reduce noise and vibration
- Engineered to maximize the performance of R-410A, an environmentally safe refrigerant
- Designed from the inside out with multiple patented innovations
- Redesigned composite drain pan is stronger with beefed-up drain threads to resist cracking.
- 5 ft. (1.5 m) air sensor standard
- Operates with select Cruisair or Marine Air displays

## Special Options

- Compressor sound cover further reduces noise up to 50%
- Display cable

## Product Testimonial

"There is very little noise coming from the compressor, and vibrations are practically non-existent. I highly recommend this unit."

— Bob Silverman, boat owner

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CRUISAIR

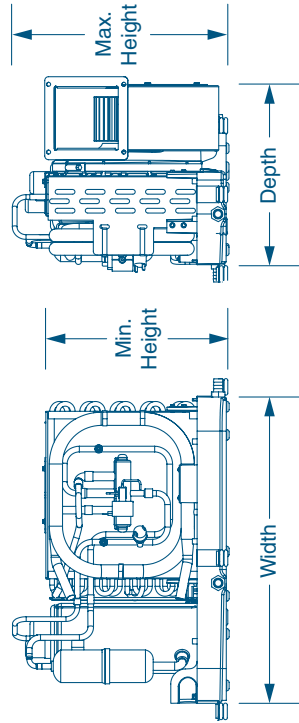
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MARINE AIR

# Specifications for Turbo Series Air Conditioning

Model <sup>(1)</sup>	DTU6	DTU8	DTU10	DTU12	DTU16
Capacity (BTU/h) <sup>(2)</sup>	6000	8000	10000	12000	16000
Voltage (V)	115	240	115	230	115
Cycle (Hz) <sup>(3)</sup> /Phase (Ph)	60/1	50/1	60/1	50/1	60/1
Full Load Amps (FLA) Cool (A)	4.6	2.2	6.7	3.2	10.4
Full Load Amps (FLA) Heat (A)	5.9	2.8	8.8	3.9	13.6
Full Load Amps (FLA) Blower (A)	0.8	0.36	1.14	0.61	1.61
Locked Rotor Amps (LRA) (A)	36	17.7	42	22	62
Max. Circuit Breaker (A)	15	10	25	15	40
Min. Circuit Ampacity (A)	12	7	16	10	25
Refrigerant Type	410A	410A	410A	410A	410A
Min. Height (in/mm) <sup>(4)</sup>	10.8/275	10.8/275	12.2/310	12.2/310	12.9/328
Max. Height (in/mm) <sup>(4)</sup>	11.1/282	11.1/282	13/331	12.5/318	13.4/341
Height w/Opt. Sound Cover (in/mm) <sup>(4)</sup>	13.4/341	13.4/341	14/356	14/356	14/356
Width (in/mm) <sup>(4)</sup>	17.6/448	17.6/448	20.4/519	20.4/519	21.4/544
Max. Depth (in/mm) <sup>(4)</sup>	10.7/272	10.7/272	12.4/315	12.4/315	13.3/338
Min. Supply Duct Size (in/mm)	4/102	5/127	6/153	6/153	7/178
Min. Supply Air Grille Size (sq in/sq cm)	32/207	48/310	60/388	70/452	80/517
Min. Return Air Grille Size (sq in/sq cm)	64/413	80/517	100/646	130/839	160/1033
Seawater Inlet Connection (in/mm)	5/16	5/16	5/16	5/16	5/16
Net Weight (lbs/kg) <sup>(5)</sup>	42.5/19.3	42.5/19.3	45.5/20.6	44.5/20.2	50.5/23.9
Gross Weight (lbs/kg) <sup>(5)</sup>	50.25/22.8	50.25/22.8	53.7/24.4	52.75/23.9	57.5/26.1
Height-Electrical Box (in/mm)	8.8/224	8.8/224	8.8/224	8.8/224	8.8/224
Width-Electrical Box (in/mm)	6.5/166	6.5/166	6.5/166	6.5/166	6.5/166
Depth-Electrical Box (in/mm)	2.7/69	2.7/69	2.7/69	2.7/69	2.7/69

<sup>1</sup> To complete the model numbers for a specific voltage/cycle/phase, add a "116" for 115V/60Hz/1-Phase, "225" for 220-240V/50Hz/1-Phase, and "236" for 230V/60Hz/1-Phase, followed by "410A" (e.g. DTU16-236-410A).  
<sup>2</sup> 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.  
<sup>3</sup> 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plates states otherwise.  
<sup>4</sup> All dimensions ± 0.30 in. (8 mm).  
<sup>5</sup> All weights ± 10%.

## Dimensions



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Specifications and availability subject to change without notice.

Dealer

