

# 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

 **Dometic**  
CRUISAIR

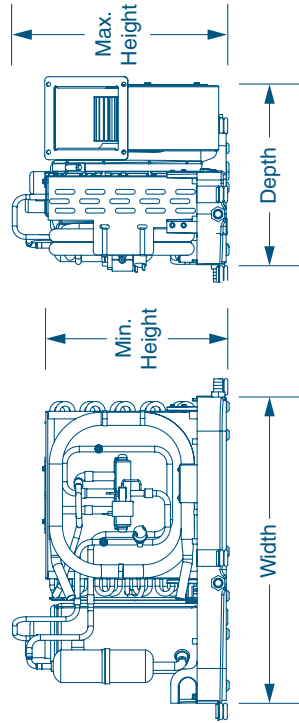
 **Dometic**  
MARINE AIR

# 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       | 3.3        | 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



### DOMETIC MARINE DIVISION

2000 N. Andrews Ave. Ex. | 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  
 For all other areas visit our website to find your nearest distributor.

L-2502C Rev. 20160205

Specifications and availability subject to change without notice.

Dealer

