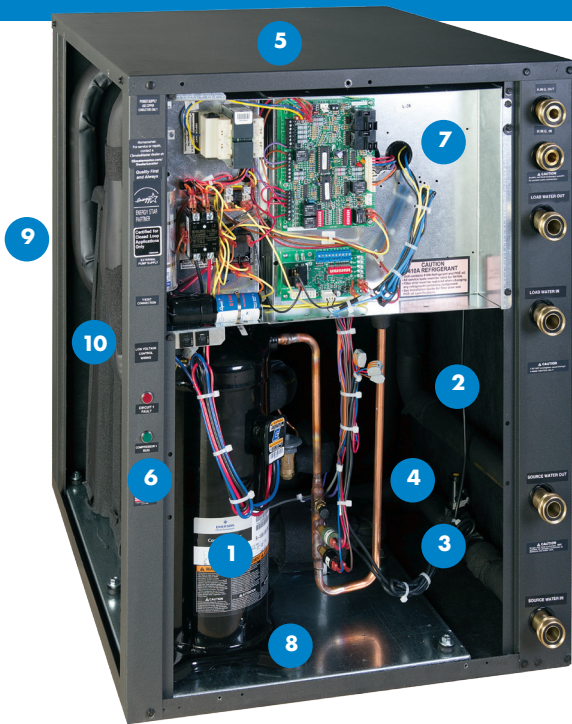


# TRANQUILITY® BRAZED PLATE WATER-TO-WATER (TBW)



## Features

- 1 Copeland™ High Efficiency Scroll Compressor
- 2 Optional Hot Water Generator With Internal Pump
- 3 Fully Insulated Water and Refrigerant Lines
- 4 Fully Insulated Compressor Section
- 5 Powder Coated Steel Cabinet with Stainless Steel Access Panels for Long Life
- 6 System Operating LED Lights
- 7 Advanced Controls – iGate2 communicating control provides advanced unit functionality and comprehensive configuration, monitoring and diagnostic capabilities through digital communication links and communicating thermostat or configuration/diagnostic tool
- 8 Dual Level Compressor Isolation Mounting for Ultra Quiet Operation
- 9 Multiple Removable Access Panels for Service
- 10 Brazed Plate Heat Exchangers on Both Load and Source Sides

The TBW Water-to-Water series offers a wide range of units for most any installation with an extended range refrigerant circuit, intended for ground loop (geothermal) applications only. Comfort, reliability and serviceability is intelligently driven by iGate2®, the industry's first two-way communicating controls. As ClimateMaster's most adaptable EarthPure® HFC-410A refrigerant units, the TBW Series can be used for radiant floor heating, snow/ice melt, chilled water for fan coils, potable hot water generation\*, hot/chilled water for make-up air, and many other types of HVAC applications.

\*Requires optional hot water generator



## Application Flexibility

- Three Capacities 036 [8.7 kW], 060 [13.5 kW], & 120 [26.9 kW]
- iGate2® – Remotely monitor, control and diagnose digitally from the phone app or website.
- Dual refrigeration circuits on size 120
- Insulated compressor compartment
- Extended range (20 to 120°F, -6.7 to 48.9°C) operation
- 1" swivel-type water connections for models 036 & 060
- Flush securely-mounted corner post water connections (no backup wrench required) for model 120
- Seven safeties standard
- Up to 130°F entering water temperature (load)
- Intended for closed loop geothermal applications only
- Standard 10-year limited warranty on all parts with 5-year labor allowance; Optional additional extended 5-year limited labor allowance available

*Installing TBW on open loop system will void warranty.*



**CLIMATEMASTER® GEOTHERMAL HEATING AND COOLING**

**DECLARE YOUR PERSONAL ENERGY INDEPENDENCE**

# Tranquility® Brazen Plate (TBW)

## Performance and Specifications

### Tranquility® TBW ISO Ratings

AHRI/ISO/ASHRAE 13256-2 Data (English (IP) Units)

Model	Ground Loop Heat Pump			
	Cooling		Heating	
	Indoor 53.6°F Outdoor 77°F		Indoor 104°F Outdoor 32°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
TBW036	30,400	16.5	26,900	3.1
TBW060	56,700	17.3	47,100	3.1
TBW120	113,400	17.3	94,200	3.1

All ratings based upon 208V operation  
Indoor coil also called "Load" and outdoor coil also called "Source"

### Dimensional Data

Capacity		Overall Cabinet		
		Width	Depth	Height
TBW036 -060	in	25.4	30.6	33.0
	cm	64.5	77.8	83.8
TBW120	in	52.9	30.6	37.0
	cm	134.4	77.8	94.0

### Options

	Factory Option
Hot Water Generator with Internal Pump	<input type="radio"/>
Additional Extended 5-Year Limited Labor Allowance	<input type="radio"/>



A NIBE GROUP MEMBER

7300 S.W. 44th Street  
Oklahoma City, OK 73179  
Phone: 405-745-6000  
Fax: 405-745-6058  
climatemaster.com | cmdealernet.com



ClimateMaster works continually to improve its products. As a result, the design and specifications of each product at the time for order may be changed without notice and may not be as described herein. For specific information on the current design and specifications go to [cmdealernet.com](http://cmdealernet.com). Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely ClimateMaster's opinion or commendation of its products.

Engineered and Assembled in the USA