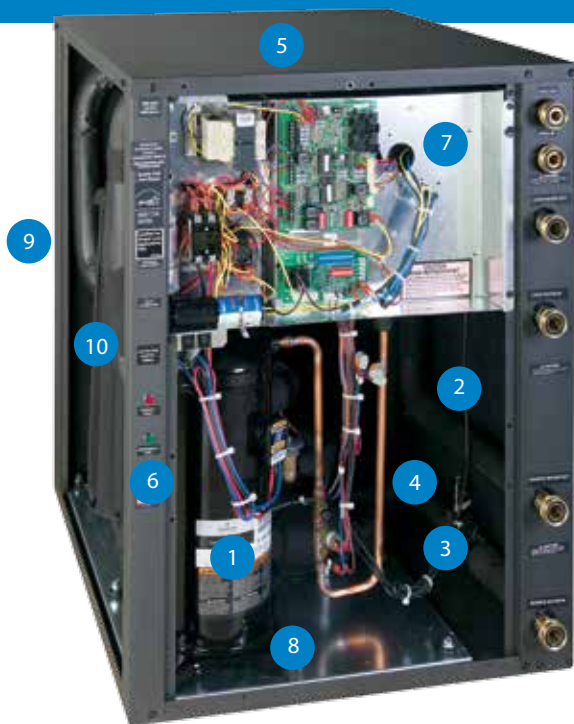


TRANQUILITY® BRAZED PLATE WATER-TO-WATER (TBW)

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. 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



TBW036-TBW060

TBW120

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 Unit Performance Sentinel: Automatic Alert System Lets You Know If The System is Not Running at Peak Performance
- 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

Application Flexibility

- Three Capacities 036 [8.7 kW], 060 [13.5 kW], & 120 [26.9 kW]
- 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® Brazed 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"/>



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Engineered and Assembled in the USA