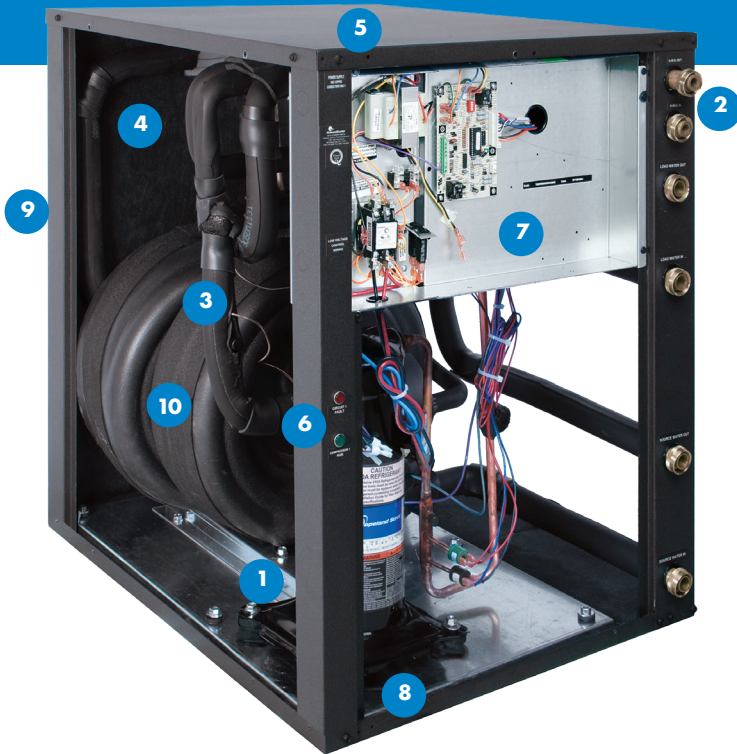


TRANQUILITY® COAXIAL WATER-TO-WATER (TCW)



The TCW Water-to-Water series offers a wide range of units for most any installation with an extended range refrigerant circuit, intended for open loop (ground water) 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 TCW 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



TCW036-TCW060



TCW120

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 Sound
- 9 Multiple Removable Access Panels for Service
- 10 Coaxial Heat Exchangers

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)
- Standard 10-year limited warranty on all parts with 5-year labor allowance; Optional additional extended 5-year limited labor allowance available

Installing TCW on closed loop will void warranty.



CLIMATEMASTER® GEOTHERMAL HEATING AND COOLING

DECLARE YOUR PERSONAL ENERGY INDEPENDENCE

Tranquility® Coaxial (TCW)

Performance and Specifications

Tranquility® TCW ISO Ratings

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

Model	Ground Water Heat Pump			
	Cooling		Heating	
	Indoor 53.6°F Outdoor 59°F		Indoor 104°F Outdoor 50°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
TCW036	36,200	23.10	35,300	4.00
TCW060	56,600	20.30	60,300	4.00
TCW120	113,200	20.10	120,600	3.90

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
TCW036 -060	in	25.4	30.6	33.0
	cm	64.5	77.8	83.8
TCW120	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

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Engineered and Assembled in the USA