



iGate® 2 SMART TANK

Three Capacities: 50, 85 & 105 gallon



Hot water represents a significant portion (approximately 18%) of a home's energy use and the Tranquility Smart Tank utilizes geothermal technology to maximize the efficiency of domestic hot water generation.

The Smart Tank communicates with the Tranquility heat pump to deliver a significant portion of a home's hot water needs. The iGate® 2 Hot Water Generator (HWG) is active throughout the year, providing virtually free hot water when the heat pump operates in cooling mode.

The unique, award-winning seamless tank is designed for a lifetime of highly efficient hot water generation. Thick polyurethane foam offers excellent insulation, giving high energy savings compared to other electric hot water heaters. The seamless design paired with all-titanium heating elements prevents rust, corrosion, and lime build up resulting in years of hot water generation for your family.

The tough, molded polyethylene exterior resists dents, scratches and salt air. The polyurethane insulation helps to further reduce energy consumption. Large water connections are conveniently located in front of the unit for easier installation.

Pairing an iGate® 2 Smart Tank with your ClimateMaster Tranquility geothermal heat pump maximizes your systems efficiency leaving you with peace of mind and a better return on your energy independence investment. Ask your installing contractor about iGate® 2 Smart Tanks when installing your Tranquility geothermal system.

Application Flexibility

- Three capacities: 50, 85 and 105 gallon
- Watts: 3800 or 4500
- Optional Warranty – Extend labor allowance from the standard 5 years to 10 years.
- Compatible with SE, SZ, SJ and SW Series products

TRANQUILITY SMART TANK

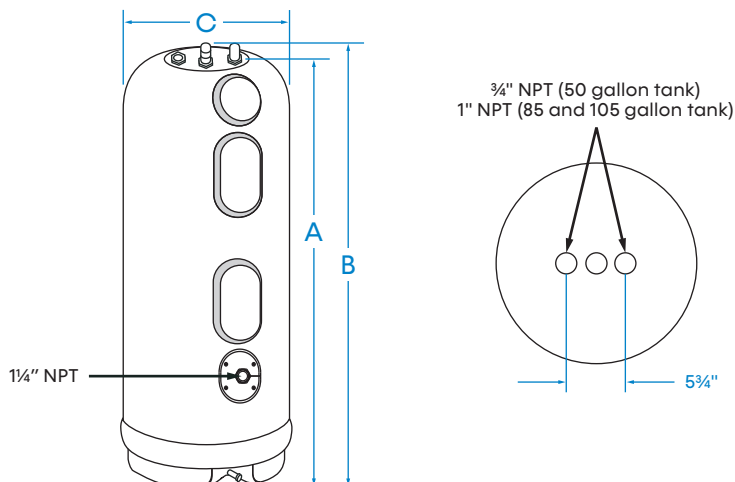
Features



1. iGate® 2 Smart Tank is the geothermal heating and cooling industry's first communicating hot water storage tank driven by iGate® 2 technology.
2. Communicating temperature sensors allow for optimized hot water generation to take full advantage of the free heat being generated by the heat pump.
3. The iGate® 2 communicating controls allow users to view system operation in real time via smart phone or website.
4. All-titanium elements for long life and superior corrosion resistance.
5. Polybutene inner tank wrapped in a filament-wound fiberglass is impervious to rust.
6. Inlet port for incoming water from the heat pump.
7. Bowl-shaped bottom for more complete sediment draining.
8. Full-port ball valve for fast water drainage.
9. Polyethylene outer jacket.
10. Well insulated for reduced standby heat loss.

Dimensional Data

Description			Features		Roughing in Dimensions (inches)			Approx. Shipping Weight (lbs)
Type	Unit Capacity (Gallons)	Model Number	First Hour Rating G.P.H.	Recovery in G.P.H. 90°F Rise	Tank Height A	Height to Water Conn. B	Diameter C	
Tall	50	AWS050AW1245SA	61	20	62.75	66.75	23.50	100
Tall	85	AWS085AW1245SB	91	20	66.25	70.25	28.25	134
Tall	105	AWS105AW1245SB	104	20	66.75	70.75	30.25	152



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