

iGate[®] SMART TANK



Features

- 1 iGate[®] Smart Tank is the geothermal heating and cooling industry's first communicating hot water storage tank.
- 2 All-titanium elements for long life and superior corrosion resistance.
- 3 Water temperature sensors (2) continuously monitor water temperature. When water temperature falls below desired settings, the iGate[®] communication controls signal the heat pump to generate hot water.
- 4 Polybutene inner tank wrapped in a filament-wound fiberglass is impervious to rust.
- 5 Inlet port for incoming water from the heat pump.

Hot water represents a significant portion (18%) of a home's energy use and the iGate[®] Smart Tank is the most efficient way to heat domestic hot water. The iGate[™] Smart Tank can save up to 80% on hot water bills using geothermal energy.

The iGate[®] Smart Tank communicates with the Trilogy[®] 45 Q-Mode[®] heat pump to deliver all of a home's hot water needs with five times the efficiency of a traditional electric water heater.

The unique, award-winning seamless tank is designed for a lifetime of highly efficient water generation. Thick polyurethane foam offers excellent insulation, giving high energy savings compared to electric hot water heaters. The seamless design is impervious to rust and corrosion and the all-titanium elements operate more efficiently and resist lime build up, providing years of hot water for you and 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.

- 6 Bowl-shaped bottom for more complete sediment draining.
- 7 Full-port ball valve for fast water drainage.
- 8 Polyethylene outer jacket.
- 9 Well insulated for reduced standby heat loss.

Application Flexibility

- Three capacities, 50 gallon, 85 gallon, 10 gallon.
- Watts: 4500.
- Optional Warranty—Extend labor allowance from the standard 5 years to 10 years.

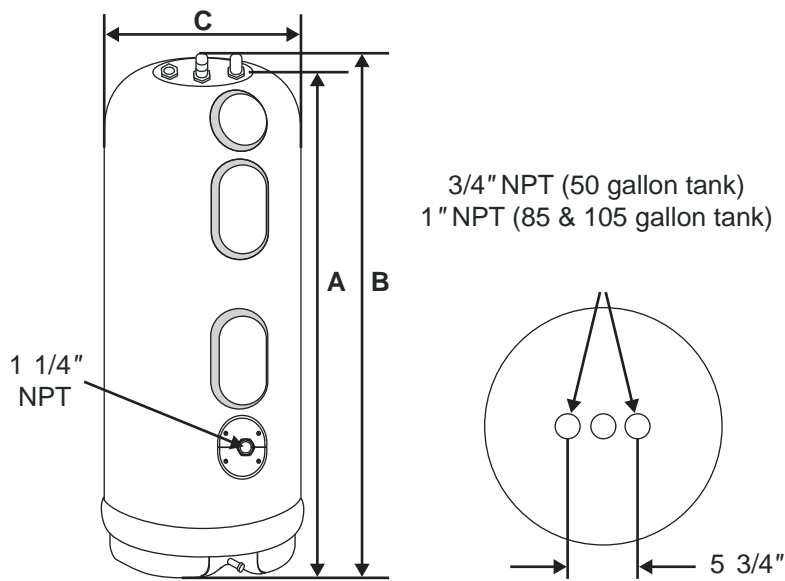
CLIMATEMASTER[®] GEOTHERMAL HEATING AND COOLING

DECLARE YOUR PERSONAL ENERGY INDEPENDENCE

iGate® Smart Tank

Dimensional Data

Description			Features		Roughing in Dimensions (Shown in Inches)			
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	Approx. Shipping Weight (lbs)
Tall	50	AWS050AW1245SA	61	20	62 3/4	66 3/4	23 1/2	100
Tall	85	AWS085AW1245SB	91	20	66 1/4	70 1/4	28 1/4	134
Tall	105	AWS105AW1245SB	104	20	66 3/4	70 3/4	30 1/4	152



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Engineered and Assembled in the USA