

iGate™ SMART TANK

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.



- 7 Full-port ball valve for fast water drainage.
- 8 Polyethylene outer jacket
- 9 Well insulated for reduced standby heat loss.

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 Polyurethane tank is impervious to rust.
- 5 Inlet port for incoming water from the heat pump.
- 6 Bowl-shaped bottom for more complete sediment draining.

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.

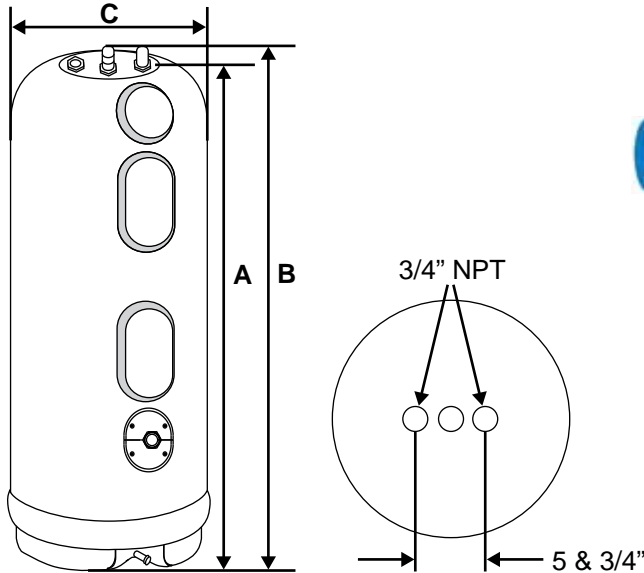
CLIMATEMASTER® GEOTHERMAL HEAT PUMP SYSTEMS

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	MR50245	61	20	62 3/4	66 3/4	23 1/2	100
Tall	85	MR85245	91	20	66 1/4	70 1/4	28 1/4	134
Tall	105	MR105245	104	20	66 3/4	70 3/4	30 1/4	152



Intertek



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. 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.

ClimateMaster is a company of LSB Industries, Inc. New York Stock Exchange Symbol: LXU

The management system governing the manufacture of ClimateMaster's products is ISO 9001:2008 certified.