

SUPERstor GL

GLASS LINED STORAGE TANK



Available in 50-, 80-, 119-, and 175-Gallon Models

The most efficient way to store hot water for residential and commercial applications.

More hot water and increased storage capacity. Installed individually or in multiple applications, The SuperStor Coil Booster Glass Lined Storage Tank can provide 80% draw capability without an appreciable temperature decrease in single temperature applications.

Construction Features

- **Long life tank design**
Unique steel formulation with high-temperature porcelain enamel to maximize corrosion resistance resulting in a superior tank design. Heavy duty magnesium anode rod(s) are installed for longer tank life.
- **Efficient design**
Rigid polyurethane foam insulation provides superior insulating qualities that allow less than 1 degree F per hour heat loss (24 degrees F in 24 hrs.) resulting in reduced operating costs. The patented process of injecting foam into the insulating cavity adds additional durability and toughness to the tank.

- **Tank Openings**
Circulating line connections and hot outlets are 3/4" NPT on the GL-50, 2" NPT on the GL-80 and GL-119 and 2-1/2" NPT on the GL-175. Other openings are provided for relief valve and temperature control. The GL-175 is equipped with a hand-hole cleanout.

Certifications and Ratings

- **Optional ASME Construction**
ASME construction is available on storage models GL-80 ASME/GL-119 ASME/GL-175 ASME. Certified to ASME boiler and pressure vessel code standards.

Limited Warranty

- This product features a five-year limited warranty against tank leaks. See warranty brochure for complete details.

Dimensional Information

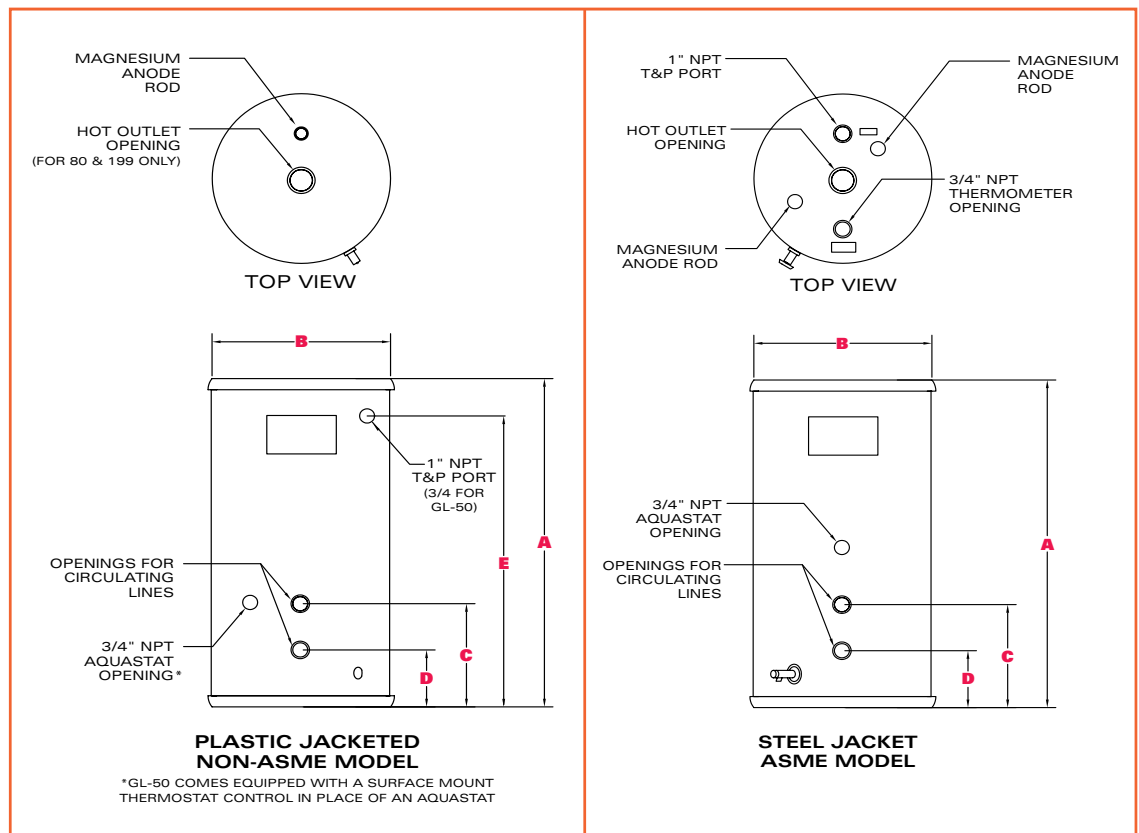
| Plastic Jacketed (Non-ASME) | | | | | | | | | | | | |
|-----------------------------|--------|------|---------|-----|---------|---------|-------------------|------------|---------------|--------|--------------------------|-----------------------------|
| Model Number | Units | A | B | C | D | E | Water Connections | | Tank Capacity | | Maximum Working Pressure | Approximate Shipping Weight |
| | | | | | | | Hot Outlet | Front Side | Gallons | Liters | | |
| GL-50 (non-ASME) | inches | 52" | 19-1/4" | 14" | 7" | 45" | 3/4" NPT-M | 3/4" NPT-M | 50 | 189 | 150 PSI | 120 lbs. |
| | mm | 1320 | 489 | 355 | 177 | 1143 | 19 | 19 | | | 1034 kPa | 54 kgs |
| GL-80 (non-ASME) | inches | 59" | 23-1/4" | 13" | 7" | 51-1/4" | 2" NPT-M | 2" NPT-M | 80 | 303 | 150 PSI | 165 lbs. |
| | mm | 1498 | 590 | 330 | 177 | 1302 | 50 | 50 | | | 1034 kPa | 75 kgs |
| GL-119 (non-ASME) | inches | 64" | 27" | 13" | 4-1/16" | 55" | 2" NPT-M | 2" NPT-M | 115 | 435 | 150 PSI | 250 lbs. |
| | mm | 1625 | 685 | 330 | 177 | 1397 | 51 | 51 | | | 1034 kPa | 113 kgs |

| Metal Jacketed (ASME) | | | | | | | | | | | | |
|-----------------------|--------|----------|----------|----------|---------|--------------|-------------------|------------|---------------|----------|--------------------------|-----------------------------|
| Model Number | Units | A | B | C | D | E | Water Connections | | Tank Capacity | | Maximum Working Pressure | Approximate Shipping Weight |
| | | | | | | | Hot Outlet | Front Side | Gallons | Liters | | |
| GL-80 ASME | inches | 58-5/16" | 24-7/16" | 13-3/16 | 6-3/16 | 2" NPT-M | 2" NPT-M | 80 | 303 | 125 PSI | 260 lbs. | |
| | mm | 1481 | 621 | 335 | 157 | 51 | 51 | | | 862 kPa | 118 kgs | |
| GL-119 ASME | inches | 59-1/4" | 28-1/4" | 11-1/16" | 4-1/16" | 2" NPT-M | 2" NPT-M | 115 | 435 | 160 PSI | 340 lbs. | |
| | mm | 1505 | 718 | 281 | 103 | 51 | 51 | | | 1103 kPa | 154 kgs | |
| GL-175 ASME* | inches | 67-1/4" | 32-1/4" | 12-9/16" | 5-9/16" | 2-1/2" NPT-M | 2-1/2" NPT-M | 175 | 662 | 150 PSI | 600 lbs. | |
| | mm | 1708 | 819 | 319 | 141 | 64 | 64 | | | 1034 kPa | 272 kgs | |

*Also available in non-ASME model

Specifications

Tank(s) interior shall be coated with a high temperature porcelain enamel and furnished with two magnesium anode rods rigidly supported for the metal jacketed and one magnesium anode for the plastic jacketed. Storage Tank(s) shall exceed the efficiency requirement of ASHRAE Standard 90.1b-2001. Tank(s) shall have a working pressure rating of 150 psi, and shall be completely assembled. Tank(s) shall be insulated with rigid polyurethane foam insulation. Storage Tank(s) shall be covered by a five year limited warranty against tank leaks.



ASME Constructions

Metal Jacketed Storage Tank(s) shall be constructed in accordance with the requirements of the ASME Boiler Pressure Vessel Code, Section IV Part HLW.