

SUPERstor

HEAT TRANSFER PRODUCTS

HEAT TRANSFER PRODUCTS, INC.

50, 80, & 119 U.S. GALLON - GL SERIES - GLASS LINED STORAGE TANKS



ACCESSORIES & OPTIONS:

- GL-KT1** - Aquastat cover with BX & line cord (for GL-50 series only)
- GL-KT2** - Aquastat cover with BX, line cord, & bronze pump (for GL-50 series only).

THE MOST EFFICIENT WAY TO STORE HOT WATER FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS!

- MORE HOT WATER
- INCREASE STORAGE CAPACITY

FEATURES & BENEFITS:

- Steel tank:** Glass lined steel tank for long life.
- Insulation:** 1 1/2" thick foam insulation allows less than 1 degree F. per hour heat loss (24 degrees F. in 24 hours) for easy servicing.

PLUMBING

It is important that all plumbing is done in accordance with all local, state, and federal plumbing codes and that thread dope (provided) be used on all mechanical connections.

NOTE: The use of heat, such as blow torches, etc., near the tank, may cause distortion to the high density polyethylene wrapper. Caution should be exercised.

NOTE: When filling the booster tank, make sure you open a hot water tap to release air in the booster tank and piping system.

OPERATING YOUR BOOSTER TANK

Boiler high limit should be set at least 20 degrees F. higher than the booster tank temperature setting. Temperature setting of 120 degrees F. is recommended, or use setting in accordance with local and state codes for normal operation. You may prefer a lower temperature setting to satisfy your needs. A mixing valve in connection with a higher temperature setting may be used for high demand applications (saunas, spas, hot tubs, whirlpools)

NOTE: If draining of the booster tank is necessary, open the T & P valve or a hot water tap to prevent vacuum buildup in the tank and piping.

HOT WATER OUTLET

Use thread dope (provided) and connect a 3/4" NPT brass tee. In the run of the brass tee, install a 3/4" NPT brass T & P valve long element for hot water storage tanks, required by local codes but not less than a valve certified as meeting the requirements for relief valves for hot water heaters ANSI Z21-22B 1994 by a nationally recognized lab that maintains periodic inspection of production of listed equipment. The temperature and pressure relief valve must be plumbed down so discharge can exit only 6" above or at any distance blow the structural floor, and cannot contact any live electrical parts.



IMPORTANT NOTE - SCALDING

Water temperature over 120 degrees F. can cause severe burns instantly, or death from scalds. Children, disabled, and elderly are at highest risk of being scalded. See instruction manual before setting temperature at water heater! Feel water before bathing or showering. Temperature limiting valves are available, see manual.

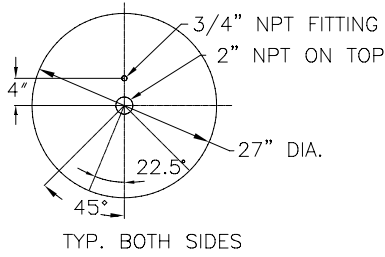


5 YEAR LIMITED WARRANTY

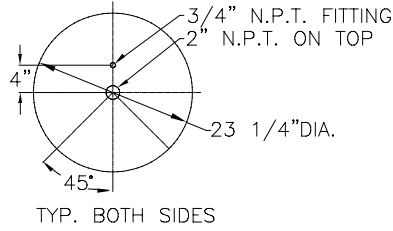
Heat Transfer Products, Inc., warrants to the original retail purchaser, that Heat Transfer Products will furnish a replacement GL series tank assembly in the event of tank leakage or defects in material or workmanship; or repair same at our option, at no cost to the original retail purchaser, except as set forth in the warranty. Heat Transfer Products shall not, under any circumstances, be liable for incidental and or consequential damages and expenses resulting from alleged defects under this warranty.

MODEL	DIMENSIONS		FLOOR TO DRAIN	TANKLESS INLET	TANKLESS OUTLET	HOT WATER OUTLET	TEST PRESSURE	WORKING PRESSURE	SHIPPING WEIGHT (LBS.)
	HEIGHT	DIAMETER							
GL-50	52"	19 1/4"	7"	7"	14"	45"	300 PSI	150 PSI	100
GL-80	59"	23 1/4"	4"	7"	13"	59"	300 PSI	150 PSI	160
GL-119	64"	27"	4"	7"	13"	64"	300 PSI	150 PSI	250

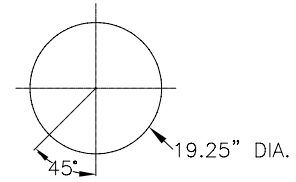
SPECIFICATIONS



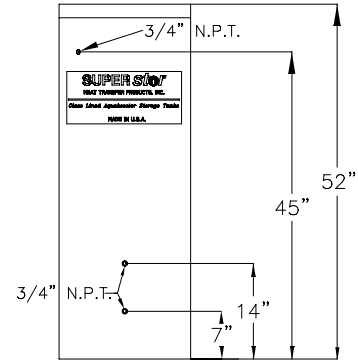
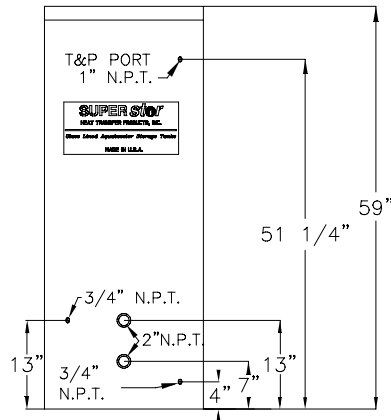
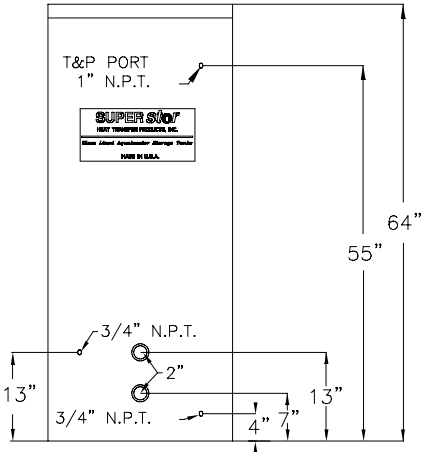
GL-119
(200 LBS. - 119 U.S. GAL.)



GL-80
(135 LBS. - 80 U.S. GAL.)

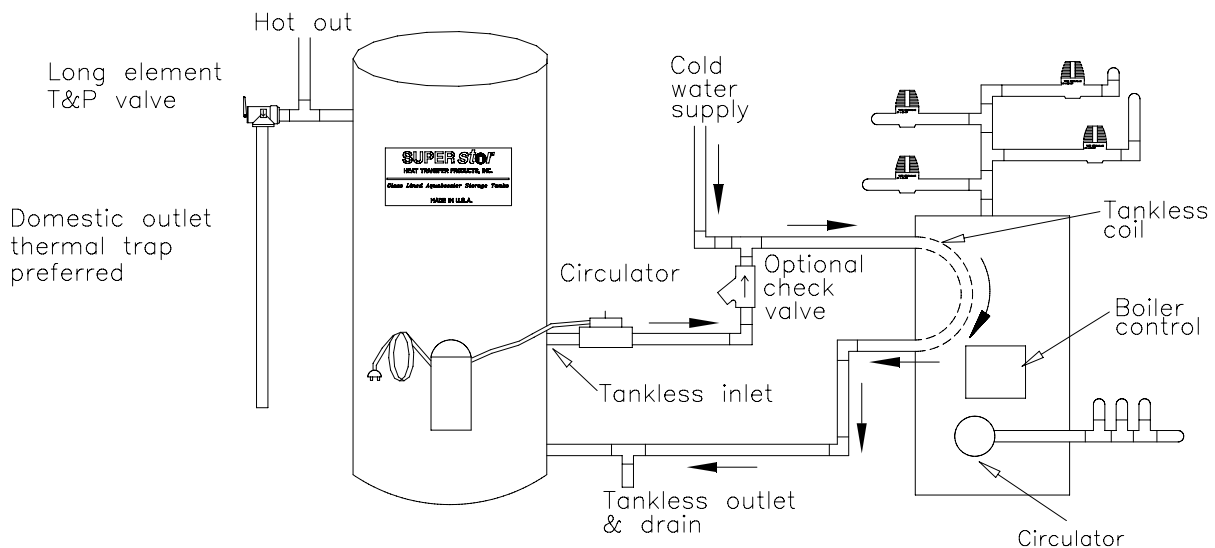


GL-50
(120 LBS. - 50 U.S. GAL.)



NOTE: GL-80 & 119 USE WELL-TYPE CONTROLS (NOT INCLUDED).
GL-50 COMES WITH A THERMODYSC SURFACE-MOUNT THERMOSTAT.

TYPICAL AQUA BOOSTER INSTALLATION



NOTE: IF A BACKFLOW PREVENTER OR A NO RETURN VALVE IS INSTALLED, A THERMAL EXPANSION TANK IS REQUIRED ON THE COLD WATER INLET BETWEEN THE SUPER STOR AND THE BACKFLOW PREVENTER.