

Domestic Hot Water Generated Using Hydronic Boiler Heat

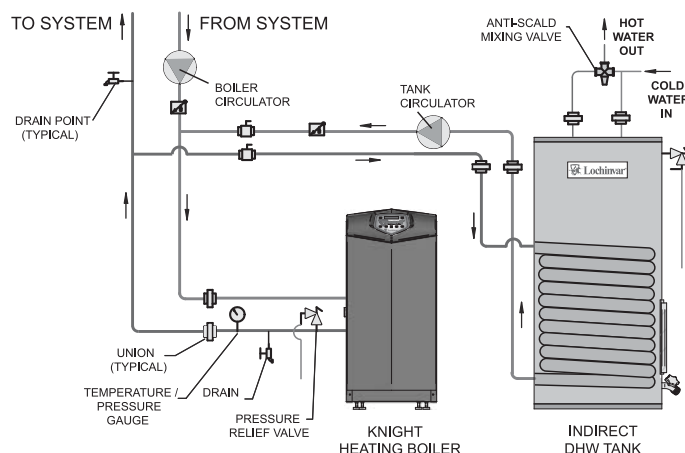
Keep Soaring Energy Costs Down by Getting More Heating Use Out of Your Dollar

Make your money work for you! By choosing an Energy Saver Indirect Water Heater, the same energy spent to hydronically heat your home can heat your domestic hot water. The Energy Saver Indirect Water Heater is a smart answer to the question of how to keep your fuel costs down.

The Energy Saver Indirect is an indirect-fired, potable water storage vessel. It accepts heat from an external heat source, such as a Solution™ or KNIGHT® Heating Boiler. By sharing heat for two purposes, efficiency results.

How It Works

Space heating fluid is heated as it passes through an external heating source. That fluid then passes through the Energy Saver Indirect's internal heat exchanger, a single wall, highly conductive tube that is immersed in the storage vessel. As it passes through the heat exchanger, heat is shared between the space heating fluid and the domestic water in the storage vessel. The result: Two supplies of hot water from one efficient source.

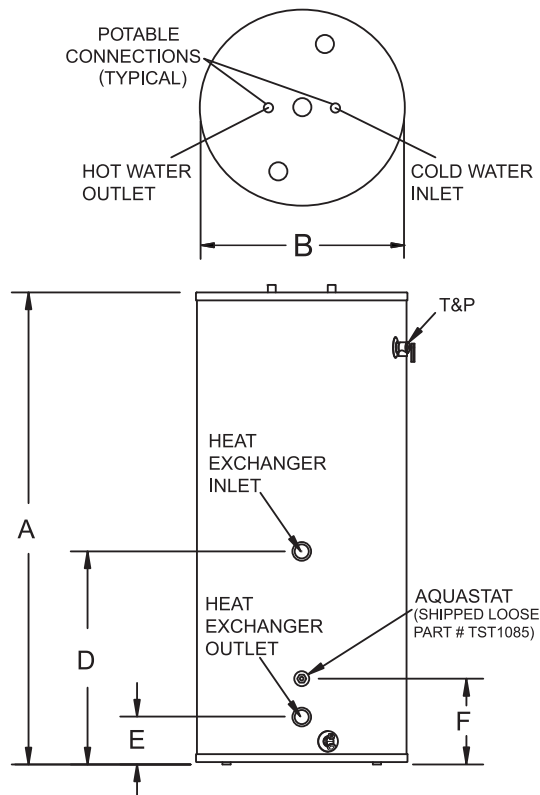


Standard Features

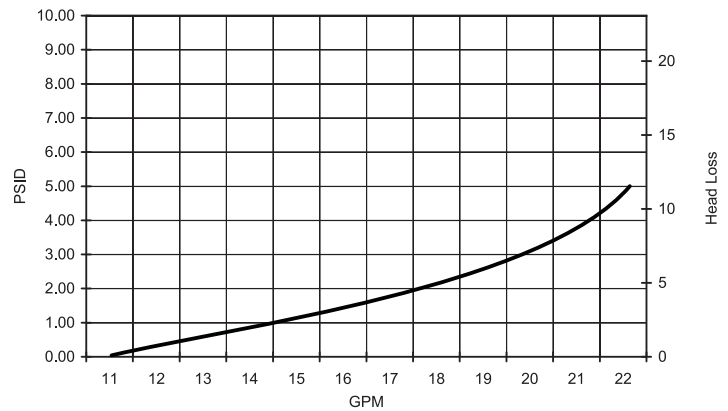
- **Non-CFC Foam Insulation** - Improved formulation provides uniform tank coverage with a 2" thick blanket of insulating foam. This non-CFC polyurethane closed cell foam minimizes standby losses and maximizes heat retention. Meets or exceeds ASHRAE 90.1b. (Current Edition)
- **Glass-Lined Steel Tank** - The tank is automatically formed, rolled, and welded to ensure a continuous seam for the glass lining. The durable glass lining is fused to the interior of the tank at 1600°F to assure lasting protection against rust and corrosion while providing clean hot water.
- **Large Capacity Single Wall, Glass Coated Heat Exchanger Coil**
- **Aluminum Tank Saver Anode Rods (3)** - High capacity anode rod provides protection from the effects of electrolytic corrosion.
- **Dielectric Nipples** - Factory installed waterways protect the tank from the corrosive action between dissimilar metals, while providing piping convenience.
- **Tank is 150# Working Pressure** (standard)
- **Adjustable Aquastat** - The temperature may be adjusted from 80°F to 160°F.
- **Temperature and Pressure Relief Valve**
- **Brass Drain Valve**
- **Warranty** - Ten year limited tank warranty. Six year warranty on parts. (See warranty for details)

Energy Saver Indirect Water Heaters

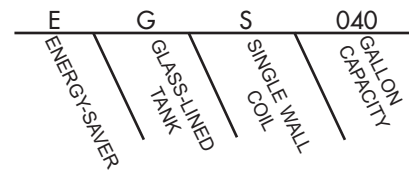
Energy Saver Indirect Dimensions and Specifications



Single-Wall Coil Pressure Drop



FOR EASE IN ORDERING
BY MODEL NUMBER



This heater is a 40 gallon, single walled coil, glass lined tank – Energy Saver indirect water heater.

Model	Gal. Cap.	1st Hour Rating @140°F	1st Hour Rating @115°F	A	B	D	E	F	Shipping Weight
EGS030	30	204	313	33-3/4"	22"	27-1/2"	5-1/4"	11-1/2"	140
EGS040T	40	210	320	41-1/4"	22"	27-1/2"	5-1/4"	11-1/2"	176
EGS050T	50	217	326	46-1/4"	22"	27-1/2"	5-1/4"	11-1/2"	189
EGS065	60	223	333	59-1/4"	22"	27-1/2"	5-1/4"	11-1/2"	196
EGS080	75	234	343	59"	24"	27-1/2"	5-1/4"	11-1/2"	224
EGS120	116	261	370	62-1/2"	28-1/4"	28-1/4"	6-1/4"	11-1/2"	355

Notes: All water connections are 3/4" NPT on 8" centers. Aquastat, relief valve, and drain valve connections are 3/4" NPT.

All heat exchanger connections are 1" NPT.

All ratings are based on 180°F boiler water temperature, 50°F potable water inlet temperature and an approximate boiler output of 220,000 Btu/Hr.

NOTE: The uniform plumbing code limits the boiler pressure relief valve to 30 psi when installing in a potable water system.

All models available with a Ten Year Limited Warranty Against Tank Failure. All parts are warranted for six years. Three year limited warranty on all models when installed in a commercial application.



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