



Double Wall Energy Saver Indirect Water Heaters

Domestic Hot Water Generated Using Hydronic Boiler Heat

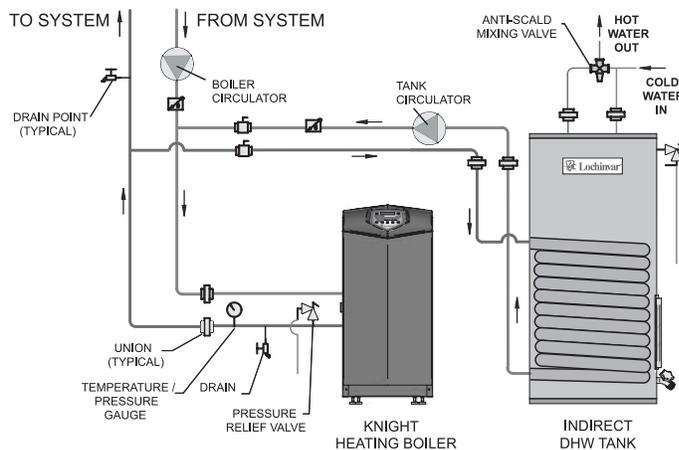
Keep Soaring Energy Costs Down by Getting More Heating Use Out of Your Dollar

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

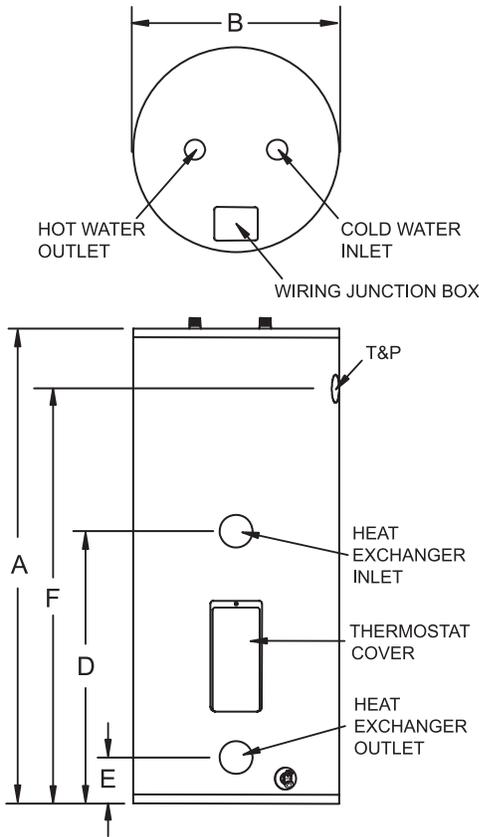
Space heating fluid is heated as it passes through an external heating source. That fluid then passes through the Energy Saver Indirect's internal heat exchanger, a double wall, highly conductive tube that is immersed in the storage vessel. As it passes through the heat exchanger, heat is shared between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



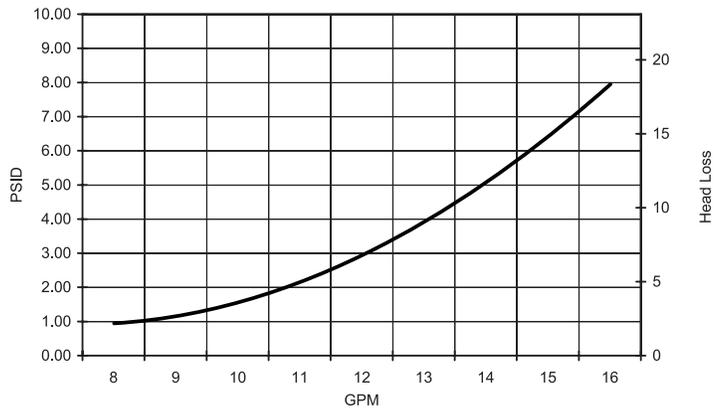
Standard Features

- **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 Double Wall, Glass Coated Heat Exchanger Coil**
- **Aluminum Tank Saver Anode Rods (2)** - 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.
- **Adjustable Thermostat** - The temperature may be adjusted from 80°F to 160°F.
- **Tank is 150# Working Pressure** (standard)
- **Temperature and Pressure Relief Valve**
- **Brass Drain Valve**
- **Warranty** - Ten year limited tank warranty. Six year warranty on parts. (See warranty for details)

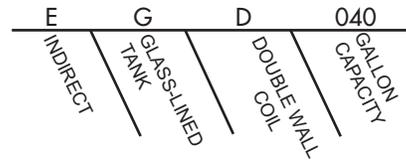
Double Wall Energy Saver Indirect Dimensions and Specifications



Double-Wall Coil Pressure Drop



FOR EASE IN ORDERING
BY MODEL NUMBER



This heater is a 40 gallon, double 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
EGD040	38	139	208	41-1/4"	22"	27-1/2"	5-1/2"	34-1/2"	170
EGD050	48	146	216	46-1/4"	22"	27-1/2"	5-1/2"	40-1/4"	180
EGD065	64	154	223	59"	22"	27-1/2"	5-1/2"	53-1/4"	196
EGD080	75	165	234	59"	24"	27-1/2"	5-1/2"	53"	224

Notes: All water connections are 3/4" NPT on 8" centers.
All heat exchanger connections are 3/4" 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.

Certified for Potable Water and Space Heating Applications

This water heater is suitable for water heating and space heating. Toxic chemicals, such as those used for boiler water treatment shall NEVER be introduced into the potable water system. This water heater may NEVER be connected to any existing heating system or components previously used with non-potable water heating appliances.

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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