



## TL Thermal Leverage Pivot Water Heaters

### Sample Specifications:

**When specifying TL Thermal Leverage Pivot Water Heaters Select Model from charts and use specification below. TL has Representation in most Major Cities, contact factory for assistance.**

Semi Instantaneous water heater shall be a TL Thermal Leverage Pivot Series factory assembled and wired. The heat exchanger shall be designed and fabricated in accordance with ASME Code Section VIII Division 1 for 150 PSIG. The Plate and Frame Heat Exchanger shall be a Double Wall 316 Stainless Steel Plate Type with NBR Gaskets. The Fixed and Movable End Plates shall be Carbon Steel

### Boiler Water Units

Unit should be skid mounted on a steel mounting base. Water Heater shall be factory assembled and piped with Incoming Strainer and Electronic Three way Fast acting Control Valve. The Domestic water side shall be all welded 316 Stainless Steel pipe and shall have an Integral bronze circulator pump to flow domestic water over the plates to preclude stacking.

The water heater shall be equipped with a solid-state PI control panel with LCD display, Alarm with silence button, ON/OFF switch, primary high limit and secondary high limit. The control module shall be supplied with a field programable digital PI controller which can be adjusted to set the outlet temperature limit on the display screen. The panel screen shall indicate a red alarm display and horn with silence relay button. The panel shall be supplied with dry contact closure outputs to indicate to BAS the occurrence of power on, primary high temperature and secondary high temperature alarms. The control shall allow the BAS to turn the heater on or off through a remote relay suitable for 24 VAC, 1 amp. The control shall also allow the BAS to remotely set the temperature of the water heater using a 4-20mA input signal.

The unit shall have its own separate ON/OFF switch and shall be mounted in a NEMA 4 panel. All solenoids and limits shall be 24 VAC

The heater shall be equipped with a water Pressure Gauge and a ASME T&P relief valve suitable to relieve the BTU input of the unit.

Manufacturer assumes all responsibility for correct sizing of components to guarantee performance.

Heater shall be a Pivot TL Model \_\_\_\_\_ Vertical

Boiler Water to Heat \_\_\_\_ GPM from \_\_\_\_ Deg F to \_\_\_\_ Deg F with \_\_\_\_ GPM of \_\_\_\_ Deg F to Valve