

TL-Pro Tankless Water Heaters

Condensing and Non-Condensing
Natural Gas or Propane



Features

- Available in Natural Gas and LP models
- High quality materials for long working life
- Up-fire burner and secondary fan
- On/off and temperature control switches
- Electronic ignition and patented burner design
- Modulating gas valve with constant gas:air ratio control
- Compact space saver: mounts on a wall with a supplied bracket
- **Condensing models** vent with 2" or 3" pvc, cpvc, and polypro
- **Non-condensing models** vent with 3" or 4" stainless steel
- Easily removable one-piece cover
- Real-time diagnostics
- Non-condensing models are approved for mobile homes for outdoor and direct vent applications
- Cascade up to 24 units
- 15-year warranty on heat exchanger
- 5-year warranty on parts

A Smart Choice from the PurePro® Family of Water Heaters

Offering rapid response times, efficiency, and premium features, the PurePro line of TL-Pro tankless water heaters is ready to meet the domestic hot water demands of busy households and small businesses.

Available in condensing and non-condensing models, the innovative TL-Pro tankless water heaters are made for longevity with quality materials and workmanship. All models are easy to install and service, are indoor and outdoor compatible, and come with a 15-year limited warranty.

The condensing TL-Pro water heater is an efficiency crowd-pleaser. ENERGY STAR® rated, the condensing model captures the latent heat of the flue gases to boost the energy factor up to 0.95. With an automated and fully modulated bypass the condensing TL-Pro offers superior domestic hot water temperature stability.

The TL-Pro non-condensing model is a high capacity water heater for busy households. This unit features an electronic ignition, patented burner design, and exclusive safety and precision controls. Mobile home certified, the non-condensing TL-Pro can be used in solar thermal/recirculation applications.



The TL-Pro Difference

Features	Benefits
Up-fire burner and secondary Fan	High Durability by minimizing destructive effect of the condensate in the combustion chamber and eliminating hot spots.
Active by-pass valve and variable speed induction fan	Rapid Response Time when there is an initial call for hot water.
Patented all copper combustion chamber and aluminum alloy condensing heat exchanger	High Efficiency at all levels of the firing range resulting in better ROI
No annual descaling required	Minimal Maintenance requirements reducing service costs and warranty claims
Only 10 fasteners required to access burner bed	Ease of Service drives down cost
Low NOx condensing models reducing greenhouse gases	The condensing models use an exclusive pre-mix combustion process which achieves up to 98% thermal efficiency and meets the 2012 SCAQMD low NOx emission requirements.

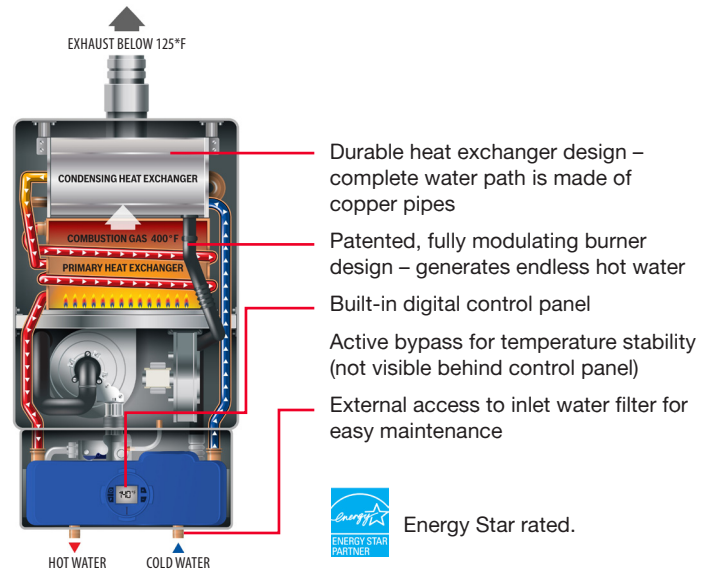
PurePro TL-PRO tankless water heaters are available exclusively and backed fully by F.W. Webb Company.

Model Ratings

		Non-Condensing		Condensing	
Technical Characteristics	Units	PROTL175	PROTL199	PROTL175C	PROTL199C
Capacity					
Maximum flow rate at a 45° F (25° C) rise	GPM (l/min)	6.4 (24.4)	7.3 (27.7)	7.3 (27.6)	8.3 (31.4)
Maximum flow rate at a 55° F (30.6° C) rise	GPM (l/min)	5.3 (19.9)	6.0 (22.7)	6.0 (22.6)	6.8 (25.7)
Maximum flow rate at a 75° F (41.7° C) rise	GPM (l/min)	3.9 (14.6)	4.4 (16.6)	4.4 (16.5)	5.0 (18.8)
Maximum flow rate at a 90° F (50° C) rise	GPM (l/min)	3.2 (12.2)	3.7 (13.9)	3.6 (13.8)	4.2 (15.7)
Maximum output	BTU/hr (kW)	147,000 (43)	160,500 (47)	160,500 (47)	184,500 (54)
Maximum input	BTU/hr (kW)	175,000 (51.2)	199,000 (58.3)	175,000 (51.2)	199,000 (58.3)
Energy factor	EF	.82	.83	.95	.95
Uniform energy factor	UEF	.82	.82	.91	.92
Minimum input	BTU/hr (kW)	19,900 (5.8)	19,900 (5.8)	19,900 (5.8)	19,900 (5.8)
Water valve material		Polymer (PPS) (Polypropylene Sulfide)		Polymer (PPS) (Polypropylene Sulfide)	

Specifications for all Models

Temperature Control		
Selection range	°F (°C)	100 - 140 (38 - 60)
Default temperature	°F (°C)	122 (50)
Stability	°F (°C)	±2 (±1)
Gas Requirement		
Gas connection	inches	3/4"
Peak Load Inlet Gas Pressure		
Propane	water column	8" - 13"
Natural Gas	water column	3.5" - 10.5"
Water		
Hot water connection	inches	3/4"
Cold water connection	inches	3/4"
Minimum water flow	GPM (l/min)	0.5 (1.9)
Minimum recommended water pressure	PSI (bar)	30 (2.07)
Minimum well pressure	PSI	40
Connections		Bottom of heater
Combustion		
CO level	ppm	≤ 290 (measured)
Dimensions		
Depth	inches (mm)	11-1/4 (286)
Width	inches (mm)	17-7/8 (452)
Height	inches (mm)	30-1/2 (775)
Weight	pounds (kg)	67 (30.5)
Gas Types		
Natural Gas		Yes
LP Gas		Yes



Model Numbers

Non-Condensing		Condensing		Gas Types
Webb#	Mfr#	Webb#	Mfr#	
603019	PROTL175N	603017	PROTL175CN	Natural Gas
603018	PROTL175L	603016	PROTL175CL	Propane (LP)
603023	PROTL199N	603021	PROTL199CN	Natural Gas
603022	PROTL199L	603020	PROTL199CL	Propane (LP)

Non-Condensing Vent Kits

Standard Wall Mount Kit

3" Kit #614041
4" Kit #614040



Universal Wall Mount Kit

4" Expandable #586264

