



The PurePro® Family of Indirect Water Heaters

A smart choice for abundant, rapid hot water heating

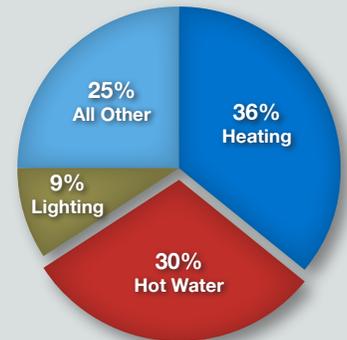


PurePro® Indirect Water Heaters: The best option for home hot water needs

As overall household energy use has increased substantially over the past three decades, so has our demand for hot water. With faucets, dishwashers, washing machines and longer and more frequent showers, the average home now uses 30% of its energy to heat water.

An indirect water heater, when used with a high-efficiency boiler, offers the most energy efficient solution. Hot water from the boiler runs through a coil in the indirect tank to heat the surrounding water. The hot water stored in the tank is more readily available during a.m. and p.m. peak load times.

Household Energy Use



Hot water consumes nearly as much energy as space heating in a typical home.

Source: DOE US/NEA/NERI

Compare Your Options

PurePro Indirects	Conventional Gas Fired	Conventional Electric
<p>Boiler heats stored water</p>  <p>Pros</p> <ul style="list-style-type: none"> No burner to maintain No additional flue venting needed Low standby heat loss 41 or 80 gallons of hot water storage Can be used with any fuel source Quick recovery rates Available with optional Lifetime Warranty <p>Cons</p> <ul style="list-style-type: none"> Heating system runs in off season 	<p>Natural Gas or LP flame heats stored water</p>  <p>Pros</p> <ul style="list-style-type: none"> Better hot water output than electric Popular replacement for many homes <p>Cons</p> <ul style="list-style-type: none"> May take over an hour to reheat Conventional models offer poor efficiency Heat loss typically high during idle periods 	<p>Electric elements heat stored water</p>  <p>Pros</p> <ul style="list-style-type: none"> Least expensive to purchase and install Simple hookup, no flue or fuel lines <p>Cons</p> <ul style="list-style-type: none"> Poor hot water recovery performance Electricity is typically the most expensive water heating method Heating elements and anode rod often require service

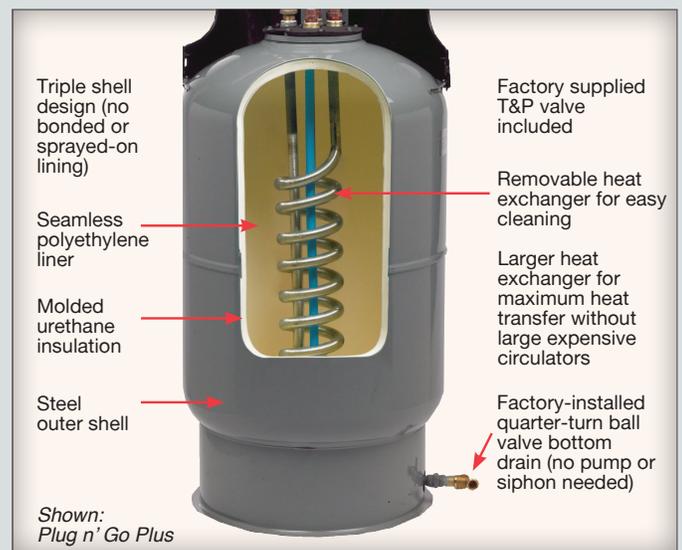
PurePro Indirect Water Heater

Features

- Available in 41- and 80-gallon models
- Bi-Modal Poly Bottle rated to 180°F
- Control, T&P and drain pre-installed
- Reversible design for maximum flexibility
- Maximized height/diameter spacing to create a chimney effect of thermal currents that scrubs more heat into the water faster
- High output capabilities to handle larger demands



- 6-year standard warranty with limited lifetime option
- Homeowner-purchased upgrade available
- Optional warranty upgrade registration included in carton



PurePro offers a complete line of indirect water heaters, available exclusively through the F.W. Webb Company.

Best choice for highest efficiency and performance with intelligent control

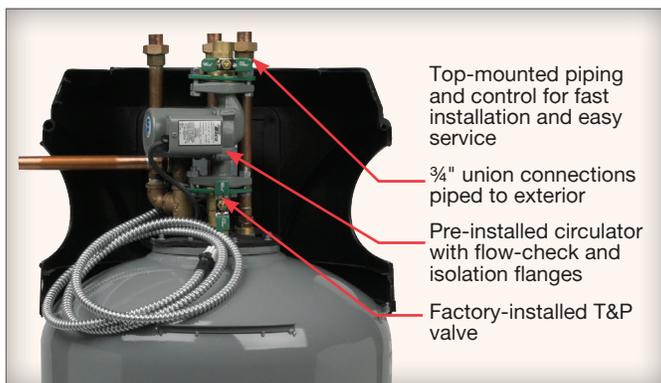
Plug n' Go Plus is the most complete indirect water heater package available. In addition to the standard features, the Plug n' Go Plus includes a factory installed 007IFC circulator, pre-wired and ready to run. The newly designed digital control is universal, making it compatible with any heating system. This innovative control also includes a *unique boiler heat purge* cycle that shuts off the burner 4 or 8 degrees prior to setpoint, capturing unused heat for up to 10% fuel savings. The control's *efficiency mode* incorporates instantaneous technology. This reduces boiler run time during idle periods by 30% compared to other indirect heaters with standard controls.

Advantages

- Pre-wired pump and control with quick-connect plug for Energy Manager Plus II
- Universal wiring harness adapts to any boiler, including modern setback controls
- Industry-leading heat exchanger design provides low-return temperatures
- Unique efficiency logic captures wasted boiler heat



Plug n' Go Plus



- Top-mounted piping and control for fast installation and easy service
- 3/4" union connections piped to exterior
- Pre-installed circulator with flow-check and isolation flanges
- Factory-installed T&P valve

Digital Control – Instantaneous Indirect Technology

Digital Control

Temp. Range:	90°-150° F
Differential:	5° or 10° F
Voltage:	24 or 120 VAC
Amp Rating:	15 A Continuous
Relays:	3 Dry Contacts
Built-In Priority:	Yes
Setback Compatible:	Yes

PurePro Digital Control Technology combines electronic accuracy and modern efficiency logic to maximize comfort and energy savings.

- 30% less cycling than conventional indirects
- 10% reduction in wasted boiler energy

User Modes

- Standard [STD]: Traditional operating mode; provides maximum hot water availability
- Efficiency [EFF]: Reduces boiler cycling during idle periods
- Senses demand to deliver hot water when it's needed
- Vacation [VAC]: Standby setting for extended periods of inactivity; one-touch restores normal operation

Installer Settings

- Temperature [TP]: Accurate within 1° F
- Differential [DIF]: Set as narrow as 5° for constant temperature
- Post-Purge [POS]: Captures wasted boiler heat for added savings
- Priority [PRI]: Maximizes hot water availability
- Heat Transfer Display [BTU]: Displays real time BTU transfer

Built-In Diagnostics

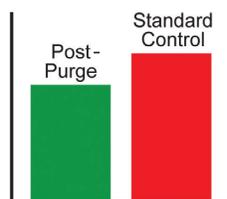
Error codes quickly identify potential problems and provide an audible alert before damage occurs

Sensor Error [ER1] • Overheating [ER2] • Slow heating [ER3]

Digital Accuracy



Post-Purge Saves 10% Annually



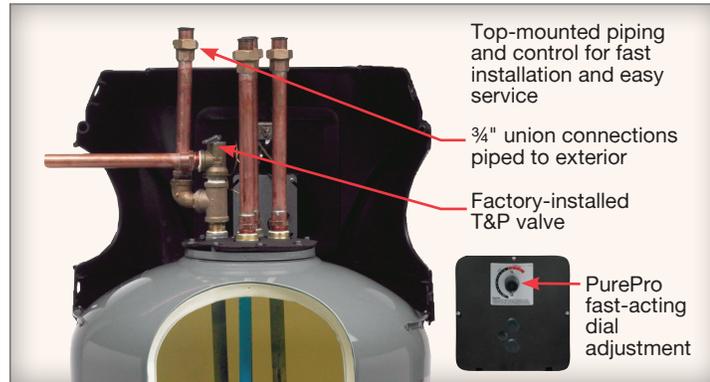
Pipen'Go

Best choice for high performance with standard control

Pipe n' Go Indirect Water Heaters combine high performance with fast installation and offer easy servicing. All piping and wiring connections are placed at a convenient working height, while sweat unions make plumbing simple. A factory-installed T&P and dial aquastat are included with every unit. The tank uses a seamless plastic liner that will not crack, chip or peel. This polyethylene reservoir is surrounded by high-density urethane insulation and is enclosed in a steel outer shell with a durable appliance-like finish. A pre-installed quarter turn drain is included.

Advantages

- High performance in a durable package; 140,000 BTU/hr continuous
- Removable heat exchanger for easy cleaning and service
- All required accessories pre-installed and tested
- 3/4" sweat union fittings for all connection



Pipe n' Go

Pro100_{CT} and Pro100

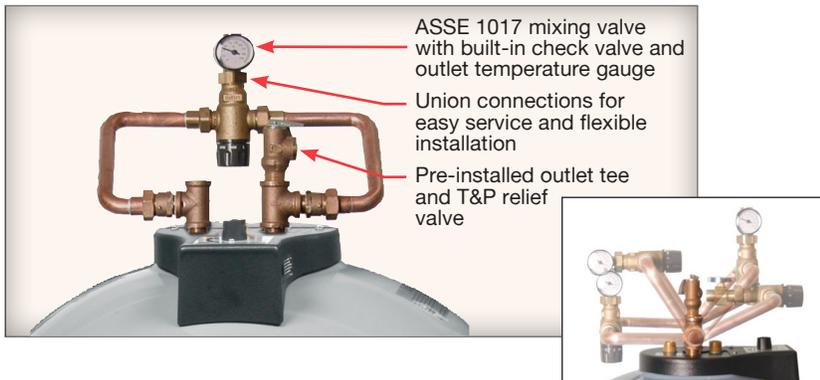
Best choice for high performance at a value price

Both Pro100 series indirect tanks are a premium product at a value price. The simplified 3/4" top down connections reduce installation costs. All piping and wiring connections are placed at an easy working height. The tank uses a seamless plastic liner that will not crack, chip or peel. The polyethylene reservoir is surrounded by high-density urethane insulation and is enclosed in a steel outer shell with a durable appliance-like finish. A pre-installed quarter turn drain is included.

The tank's clean design and performance make it a wise choice and a perfect model for any residential job.

Pro100CT Advantages

- Pre-installed mixing valve and gauge for constant temperature supply
- Meets strict plumbing codes for bacteria control and scald prevention
- Increases hot water output by up to 30%



Pro100

Pro100CT

Selection Guide

PurePro® Indirect Water Heaters are designed for long life and high performance with a ready reservoir of hot water to satisfy every home's peak load time. From the highly efficient Plug n' Go Plus to the value priced Pro100 series, the broad offering of 41- and 80-gallon models can handle every application while offering an optional lifetime warranty, providing extra protection and peace of mind.

Specifications							
	Plug n' Go Plus		Pipe n' Go		Pro100CT	Pro100	
Model #	PRO41ZPG-P	PRO80ZPG-P	PRO41Z140	PRO80Z140	PRO41Z100CT	PRO41Z100	PRO80Z100
Capacity (gallons)	41	80	41	80	41	41	80
Height (inches)	51	58	51	58	51	51	58
Diameter (inches)	22	26	22	26	22	22	26
Shipping Weight (lbs.)	134	190	129	185	127	124	180
Cold Water Inlet	¾" Sweat	¾" Sweat	¾" Sweat	¾" Sweat	¾" NPTF	¾" NPTF	¾" NPTF
Hot Water Outlet	¾" Sweat	¾" Sweat	¾" Sweat	¾" Sweat	¾" Sweat	¾" NPTF	¾" NPTF
Boiler Supply	¾" NPTF	¾" NPTF	¾" Sweat	¾" Sweat	¾" NPTF	¾" NPTF	¾" NPTF
Boiler Return	¾" Sweat	¾" Sweat	¾" Sweat	¾" Sweat	¾" NPTF	¾" NPTF	¾" NPTF

Performance								
		Plug n' Go Plus		Pipe n' Go		Pro100CT	Pro100	
Boiler Output BTU/hour		PRO41ZPG-P	PRO80ZPG-P	PRO41Z140	PRO80Z140	PRO41Z100CT	PRO41Z100	PRO80Z100
40,000	First Hour Rating (90° F rise) GPH (Gal)	89	120	89	120	89 (First Hour) 117 (120°F Mix)	89	120
	Continuous Flow (70° F rise) GPH	69	69	69	69	69	69	69
60,000	First Hour Rating (90° F rise) GPH (Gal)	116	147	116	147	116 (First Hour) 152 (120°F Mix)	116	147
	Continuous Flow (70° F rise) GPH	104	104	104	104	104	104	104
80,000	First Hour Rating (90° F rise) GPH (Gal)	143	174	143	174	143 (First Hour) 187 (120°F Mix)	143	174
	Continuous Flow (70° F rise) GPH	139	139	139	139	139	139	139
100,000	First Hour Rating (90° F rise) GPH (Gal)	170	201	170	201	170 (First Hour) 221 (120°F Mix)	170	201
	Continuous Flow (70° F rise) GPH	173	173	173	173	173	173	173
120,000	First Hour Rating (90° F rise) GPH (Gal)	197	228	197	228	170 (First Hour) 221 (120°F Mix)	170	201
	Continuous Flow (70° F rise) GPH	208	208	208	208	173	173	173
140,000	First Hour Rating (90° F rise) GPH (Gal)	224	255	224	255	170 (First Hour) 221 (120°F Mix)	170	201
	Continuous Flow (70° F rise) GPH	242	242	242	242	173	173	173

Offered exclusively through the F.W. Webb Company.

Ask about our other PurePro Products:

- Water Filtration Products
- TRIO® Multi-Fuel Boilers
- Advantage® Gas, Oil, and Direct Vent Gas Boilers
- Thermostats
- Boiler Trim Kits
- TL-Pro Tankless Water Heaters
- Faucets
- Oil Filters
- Cleaners and Chemicals
- Tools and Hardware
- And more



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