



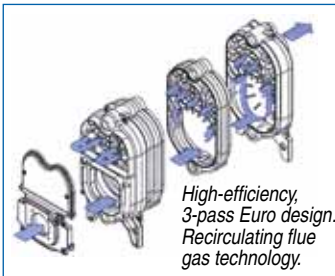
Features

- 3-pass wet base Euro design
- Energy Star rated for high efficiency to 87%
- Low mass, low water content
- Lightweight: Small footprint
- Direct vent capability, no chimney needed
- GG20 cast iron for thermal shock protection
- Recirculating flue gas technology
- Available burners: Beckett AFG and NX; Riello F5 and BF5; Carlin EZ; and HeatWise SU2A Gas
- Quick-disconnects on all burner harnesses
- Total Access: Full-swing left or right hinged door for complete accessibility
- Honeywell L7248 electronic control
- Aquastat remote sensor and immersion well installed
- ASME safety relief valve
- Boiler drain
- Strongbox crating system
- Limited Lifetime Warranty

The **TRIO** boiler by PurePro® combines high efficiencies, convenient serviceability, and **Low Mass European 3-Pass Technology**.

The **TRIO** is constructed of GG20 rated cast iron for **Thermal Shock Protection** and durability.

The **TRIO** has state-of-the-art design, **Recirculating Flue Gas Technology** which reduces emissions.



▲ Beckett AFG Oil Burner



▲ Riello F5 Oil Burner



▲ Carlin EZ Oil Burner



▲ Heat Wise SU2A Gas Burner

Shown with ▲ Beckett NX Oil Burner



TRIO Energy Manager Plus

The TRIO Energy Manager Plus integrates a multiple zone system control along with the HW+ Control allowing the burner firing pattern to accurately match the boiler output of the home's heat load.

The HW+ uses a single temperature sensor attached to the boiler supply pipe to measure both heat load and boiler water temperature. The HW+ then determines the heat load by analyzing the temperature drop off rate during the burner off cycle.

Test results show burner run time is reduced by 10% – 20% and the number of burner on/off cycles is reduced by 30%.

The TRIO Energy Manager Plus integrates a six zone system control which is field selectable as to the output voltage which enables it to be used with either zone valves or circulators. Additional line voltage outputs are supplied for zone 1 and for a system pump.

Integrated 24 volt transformers are supplied of sufficient capacity 150 V A total to power both the system board plus 6 Taco zone valves.

The system pump can be used as a primary pump when using circulators or as a system pump when using zone valves.

- Microprocessor pre-installed and pre-wired
- Indoor reset technology
- 6 zone capacity: 5 space, 1 indirect
- Zone valve or circulator capability of primary/secondary piping
- Priority switch for indirect hot water priority and timer capability
- Low water cut-off plug-in feature
- System circulator plug-in feature to be used with zone valves
- Indirect hot water plug-in feature for the Plug 'n Go Plus



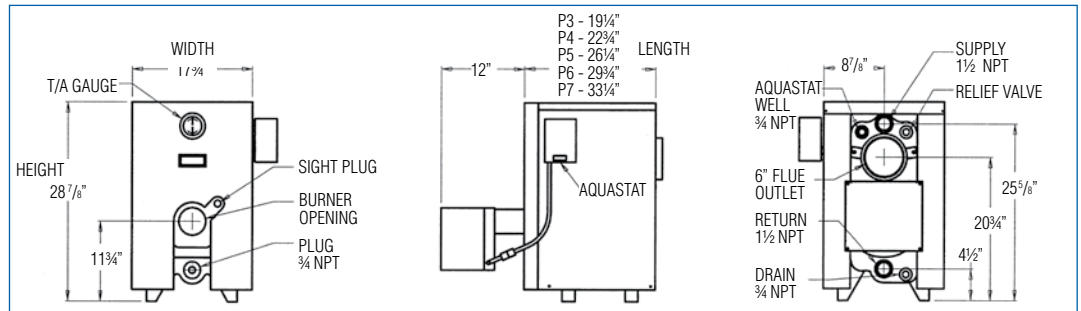
Constructed and hydrostatically tested in accordance with ASME Boiler Code, Section IV.

SPECIFICATIONS

PurePro Boiler Model #	Firing Rate (#2 Fuel)	PurePro Burner Model #	Burner	Nozzle	Input (btu/hr)	DOE Capacity (btu/hr)	NET IBR (btu/hr)	Flue Outlet Diameter	AFUE Rating	Water Capacity	Shipping Weight
P3	0.75	707720	Riello F5	.65 x 80°B	105,000	91,000	79,000	6"	85.5**	3.6	300
		707724	Riello BF5*	.65 x 80°B							
	Gas	707740	Beckett AFG	.60 x 70°B							
		707730	Beckett NX	.60 x 60°B							
		705551	Carlin EZ	.60 x 60°W							
		708830	Heat Wise SU2A	Natural/LP Gas	90,000	76,000	66,000		85.0**		
P4	1.00	707721	Riello F5	.85 x 80°B	140,000	122,000	106,000	6"	86.5**	4.3	350
		707724	Riello BF5*	.85 x 80°B							
		707741	Beckett AFG	.75 x 60°B							
		707731	Beckett NX	.85 x 60°B							
		705551	Carlin EZ	.85 x 45°B							
	Gas	708831	Heat Wise SU2A	Natural/LP Gas	115,000	98,000	85,000		85.1**		
P5	1.25	707722	Riello F5	1.00 x 80°B	175,000	153,000	133,000	6"	86.9**	5.1	390
		707724	Riello BF5*	1.00 x 80°B							
		707732	Beckett NX	1.00 x 60°B							
		705551	Carlin EZ	1.00 x 60°B							
	Gas	708832	Heat Wise SU2A	Natural/LP Gas	150,000	127,000	110,000		85.1**		
P6	1.50	707723	Riello F5	1.25 x 80°B	210,000	184,000	160,000	6"	86.9**	5.8	430
		707733	Beckett NX	1.25 x 45°B							
		705551	Carlin EZ	1.25 x 45°B							
	Gas	708833	Heat Wise SU2A	Natural/LP Gas	175,000	148,000	129,000		85.1**		
P7	1.75	707734	Beckett CF375	1.35 x 45°B	245,000	208,250	181,100	6"	85.0**	6.5	470
		Gas	708834	Heat Wise SU2A							

*Direct Vent Only: Models P3, P4, P5

**Energy Star rated



OPTIONAL COMPONENTS

BOILER BASE – Part # 707700

- Fits P3, P4, P5 only
- Leveling legs

SYSTEM CIRCULATOR PACKAGE – Part # 707630

- For zone valve operation only
- Taco 007, includes flanges
- 9' long whip with Quick Connect feature

*For use with TRIO Energy Manager Plus

LOW WATER CUT OFF PACKAGE – Part # 707620

- Hydrolevel 170 SV
- 1 1/4" x 13" nipple, 1/4" x 3/4" tee, 3/2" x 1 1/2" nipple, 1 1/2" x 1 1/4" elbow
- 18" long whip with Quick Connect feature

*For use with TRIO Energy Manager Plus

PurePro® offers a complete line of indirect-fired water heaters to complement the **TRIO** boiler.

Ask about the **Plug 'n Go**, **Plug 'n Go PLUS** and **Plug 'n Go STONE PLUS**, the only pre-piped, pre-wired, packaged indirect water heaters in the industry!

Available in 35, 41, 50, 75 and 80 gallon models.

3+1 EZ ZONE PAK

Boiler Header System with 3 pre-installed zone valve bodies, 3 shutoff valves with purge, and an additional high flow port connection for an Indirect water heater.

Kit Includes:

- 3 3/4" NPT Zone Valves 24 Volt 2 Wire
- 3 Full Port Ball Valves w/Hose Drain
- 2 Steel Headers 1 1/4" 3 Zone 3" x 6"
- 2 Uni-Flange Ball Valve Isolators
- 2 1 1/4" Pipe Caps
- 2 1 1/4" x 1" tees
- 2 1 1/4" x 6" Nipples

5+1 EZ ZONE PAK

Boiler Header System with 5 pre-installed zone valve bodies, 5 shutoff valves with purge, and an additional high flow port connection for an Indirect water heater.

Kit Includes:

- 5 3/4" NPT Zone Valves 24 Volt 2 Wire
- 5 Full Port Ball Valves w/Hose Drain
- 2 Steel Headers 1 1/4" 5 Zone 5" x 6"
- 2 Uni-Flange Ball Valve Isolators
- 2 1 1/4" Pipe Caps
- 2 1 1/4" x 1" tees
- 2 1 1/4" x 6" Nipples