



by PurePro®

## CAST IRON BOILERS

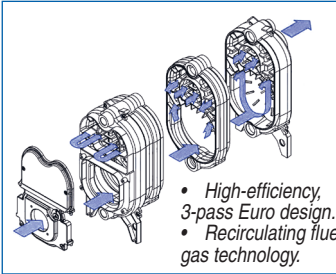
### FEATURES

- 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 (P3~P5)
- GG20 cast iron for thermal shock protection
- Recirculating flue gas technology
- Available burners: Beckett AFG and NX; Riello F5 and BF5; Carlin EZ; and Carlin EZ Gas
- Quick-disconnects on all burner harnesses
- Total Access: Full-swing left or right hinged door for complete accessibility
- Fuel Smart HydroStat® 3250 control
- 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.



- High-efficiency, 3-pass Euro design.
- Recirculating flue gas technology.



▲ Beckett AFG Oil Burner



▲ Beckett NX Oil Burner



▲ Carlin EZ Oil Burner



▲ Carlin EZ Gas

Shown with ▲ Riello F5 Oil Burner with optional stand and Energy Manager Plus II



## PUREPRO® ENERGY MANAGER PLUS II

The PurePro® Energy Manager Plus II integrates a 5 zone relay board, boiler aquastat, low water cutoff, and boiler reset which complies with the September 2012 standards. This all-in-one, simple to use control comes completely pre-wired.

The PurePro® Energy Manager Plus II features the Honeywell AQ25042B multiple zone control and the Hydrolevel 3250 HydroStat®. The HydroStat 3250 uses Thermal Targeting™ to match the heat load and boiler water temperature. To further enhance fuel efficiency, the fuel smart HydroStat is also equipped with a thermal pre-purge feature. When activated, the control will purge standing heat in the boiler at the start of any thermostat call, supplying the free latent energy to the heating zone that is calling.

### Features:

- Operates circulators or zone valves or a combination of both
- An integrated 75VA low voltage transformer is included to power zone valves
- Illuminated power switch and ground fault receptacle
- Color coded green Molex® connector for system circulator when using zone valves
- Color coded white Molex® connector for use with the PurePro® Plug n' Go indirect heater
- Color coded blue Molex® connector for domestic hot water circulator (when a Plug n' Go tank is not used)

- Terminal strip for easy field wiring of power supply
- Hydrolevel 3250 control LED status lights: Boiler temperature display, low water cut off
- Expandable zone module allows for the addition of four additional zones using either zone valves or circulators independent of original module configuration
- Selectable domestic hot water priority, selectable off or priority with 30 minute override
- Boiler heat post purge - 30 seconds
- Pump/valve exercise - 30 seconds per two weeks of space heating inactivity
- Freeze protection
- Boiler supply and return sensors
- Status lights from the AQ25042B (visible from top, side or front of unit): ZR terminal active, boiler active, domestic water active, auxiliary output active, active zone lights
- Auto test capabilities for ease of trouble shooting and system purging



Proudly Manufactured in the USA