

# **= Boilers On Demand =**

**America's  $\Delta T$  Hydronic (FHW) Heating Appliance**

## **The Neo-Gravity Hydronic (FHW) Heating Appliance™**



**NOW! Interchangeable Gun Firing!**  
**#2 Fuel Oil, Natural or Propane Gas**

**Featuring Premium American Components with  $\Delta T$  ECM Hydronics Technology**

Do it once. Do it right. **Taco**

**00e** series

ECM HIGH-EFFICIENCY CIRCULATOR



**SUPERstor ULTRA**



**WEIL-McLAIN®**

**“ENHANCED CONVECTION, DIFFERENTIAL TEMPERATURE MANAGED HYDRONIC HEATING APPLIANCE” (US Patent 10,690,356)**

**A very high-mass Weil-McLain UO Boiler augmenting natural (gravity) convection, utilizing Taco® Delta-T ( $\Delta T$ ) ECM Distribution Technology formulate America's unbeatable Hydronic FHW Heating Appliance!**

**Simple, Durable, Efficient FHW Heating — Period!**

**by Boilers On Demand, Antrim, NH USA (603) 588-2333**

**(See Reverse For Specifications)**

## **The Neo-Gravity Hydronic (FHW) Heating Appliance™**

### **Performance Specifications**

1. A modular, free-standing, application-specific Hydronic Delta-T (FHW) Heating Appliance for efficient "on demand" builds or upgrades. An unbeatable price-performance package.
2. Our Appliance comprises 95+% of system materials, uses less space, requires lesser-skilled labor and installs in hours. Simply position, pipe, fill & power!
3. Built on America's "Super-heavyweight" Weil-McLain® UO "Triple-pass" Commercial-Rated Cast-iron Boiler for the ultimate in durability and operational performance. This "beast" is built to last! Expect a 40+ year minimum service life (per Weil-McLain) ..... Twice that of all other costlier, lower mass and condensing boiler systems.
4. Our patented near-boiler, gravity-assisted piping, a **Taco 00e Series VT2218 ΔT ECM Circulator®** and "**Zone Sentry**" **Valves®** reduce distribution power consumption by 90% minimum! We typically use only 8 to 13 Watts of circulation energy while heating. Compare.
5. The "**Fuel Smart**" **Hydrostat®** controlled **Weil-McLain UO Boiler** significantly reduces system operating temperatures, providing fuel efficiencies well above its published AFUE value. NOTE: Total Heating System Efficiency is the AGGREGATE of Boiler AFUE, Distribution and Radiation Efficiencies! The latter are not considered within contemporary system design.
6. Radiation temperature profiling is positively modified, increasing comfort & fuel efficiency.
7. Further, integrating an **HTP SuperStor Max®** Indirect Water Heater provides an efficient, hydronically prioritized, lifetime transferrable warranted domestic hot water (DHW) supply.
8. Our patented "gravity convection" features provide reduced "fail-mode" heating continuity with no DHW service interruption upon system circulator failure. A burner stoppage also prompts a complete system "pump down" to ambient temperature, extending freeze time response. Compare these features with ANY contemporary heating system.
9. Simplified construction. No "Boiler Panels", Circulator or Valve Switching Relays, External Sensors or Wiring ..... all completely integrated within the Appliance.
10. An all IPS (Female Pipe Fitting) terminated Appliance. Installs using hard pipe, soft or hard copper or PEX tubing, at the customer or installer's option.
11. All system maintenance and service elements are located within an arm's reach for servicing efficiency. Our advanced Appliance "No Zone Purge" Hydronic Service feature included. Uses all STANDARD, STOCKED TRADE COMPONENTS! (Designed by a 65-year experienced tradesman for simplified system servicing and operation.)
12. A selectable-fueled Appliance (Oil, Natural or Propane Gas). Just change the Fuel Burner! Pressure-fired Burners also permit Atmospheric (Chimney) or Direct (No chimney) Venting (with an optional Coaxial Vent Kit).
13. Detailed Delta-T ECM Appliance, Application, Installation and Service Manuals are available.

#### **Comment:**

Hydronic Distribution is key and is yet totally neglected in contemporary installation practice! All that "pretty piping & wiring" actually INCREASES labor, materials and energy consumption. We cynically refer to this activity as "The Plumber's Playground", and we do not wish to "play".

***Join the Delta-T ECM Hydronic Heating Revolution!***

**[www.BoilersOnDemand.com](http://www.BoilersOnDemand.com)**

***All Consumer, Contractor & Trade Inquiries Welcomed!***