

Boilers On Demand LLC

— The Delta-T (ΔT) Hydronic Heating Specialists —

The Neo-Gravity Hydronic (FHW) Heating Appliance™



Patents Pending
(USA & Canada)

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



Featuring Premium American Components with Delta-T ECM Hydronic 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)
By combining efficiencies of natural (gravity) convection with **Taco®** Delta-T (ΔT) ECM Distribution (proven on our multiple “Beta Sites”) we provide the most efficient Hydronic FHW Heating Appliance available!

Simple, Durable, Efficient FHW Heating — Period!

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

(See Reverse For Specifications)

The Neo-Gravity Hydronic (FHW) Heating Appliance™

America's First, True, Delta-T ECM Hydronic (Forced Hot Water) Heating Appliance!

1. A truly pre-built, free-standing Hydronic (FHW) Heating Appliance for efficient "on demand" builds or upgrades. Specifically configured to your application. Just position, pipe & power!
2. Built on America's "Super-heavyweight" Weil-McLain® UO Triple-pass Cast-iron Boiler for maximum durability, longevity and operational performance. This "beast" is built to last!
3. Our proprietary near-boiler integrated piping of a **Taco 00e Series VT2218 ΔT ECM Circulator®** with **Taco "Zone Sentry" Valves®** comprises an Intelligent Hydronic Distribution System, with unparalleled performance. We slogan this as like "putting an 'Automatic Transmission' on a boiler".
4. Delta-T (ΔT) ECM Hydronic Distribution Technology provides ideal heating water temperatures and flow rates that optimize circulation, radiation profiling and comfort.
5. Developed from a 45-year design & trial experience with our personal gravity-enhanced multi-fuel heating system. We have done our homework!
6. Hydronic distribution energy is dramatically reduced. We use 8 to 13 watts, 1/3 to 1/2 of any other Delta-T and a sub-fraction of a typical contemporary system. Fuel & energy savings!
7. The **Fuel Smart Hydrostat®** controlled **Weil-McLain UO Boiler** reduces system operating temperatures & burner cycling, providing system efficiencies above the boiler AFUE value.
8. Further, integrating an **HTP SuperStor Max®** Indirect Water Heater provides an efficient, prioritized, lifetime warranted domestic hot water (DHW) supply.
9. Our system also delivers selective "fail-mode" heating continuity. It continues a gravity heating level with no DHW service interruption upon a circulator failure. A burner stoppage prompts it to "pump down" the entire system to ambient and extend freeze time response.
10. Every system maintenance item is located within an arm's reach for servicing efficiency! Designed by a 65-year experienced technician for simplified, standard system servicing.
11. A universally-fueled Appliance! Oil, Natural or Propane Gas. Just change the Fuel Burner! Pressure-fired Burners permit either Atmospheric (Chimney) or Direct Venting (Option).
12. IPS (Female Pipe Fitting) appliance interconnections permit hard pipe, soft or hard copper or PEX use, at the customer or installer's option.

Notes:

Total Heating System Efficiency is the AGGREGATE of Boiler AFUE, Distribution and Radiation Efficiencies! Hydronic Distribution is key and totally neglected by contemporary practice. All that "pretty piping" and controls actually INCREASE labor, materials and energy consumption. We cynically refer to this activity as "The Plumber's Playground".

Our "Neo-Gravity" Hydronic Heating Appliance projects a 30-plus year system life, twice or more that of any "Condensing" or "Low-mass" System. The Appliance comprises over 95% of materials required and installs at typically 60-80% of a nearing but non-equivalent performance system.

Join the Delta-T ECM Hydronic Heating Revolution!

www.BoilersOnDemand.com

All Consumer, Trade & Dealer Inquiries Welcomed!