Boilers On Demand LLC
— The Delta-T (ΔT) Hydronic Heating Specialists —

The ΔT ECM Hydronic (FHW) Heating Appliance™

Featuring Premium American Manufacturers with Delta-T ECM Hydronic Technology

Patents Pending (USA & Canada)

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

“ENHANCED CONVECTION, DIFFERENTIAL TEMPERATURE MANAGED HYDRONIC HEATING APPLIANCE” (Patents Pending—USA & Canada)
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 MERCIER ENGINEERING, Antrim, NH USA (603) 588-2333

(See Back For Details)
**The Packaged ΔT ECM Hydronic (FHW) Heating Appliance™**

**The Technologies:**

A Taco 00e Series VT2218 ΔT ECM Circulator® with Taco “Zone Sentry” Valves® comprises an Intelligent Hydronic Distribution System, with unparalleled performance. Delta-T (ΔT) Hydronic Technology provides ideal temperatures and flow rates to optimize heating radiation efficiency. Taco Comfort Solutions® promotes 85% electrical and up to 15% fuel consumption reductions. We witness further with our proprietary enhanced convection (gravity) piped “Appliance”!

The Fuel Smart Hydrostat® controlled Weil-McLain UO “High-Mass” Boiler significantly reduces system operating temperatures and burner cycling, effecting system fuel efficiencies well above the published boiler AFUE value.

**The Application:**

A Delta-T ECM Hydronic Distribution System with our High-Mass Boiler proprietary near-boiler piping system dramatically simplifies construction, increases efficiency and lengthens service life. Natural (gravity) convection within ΔT circulation further enhances distribution efficiency. The resultant is the first, true Packaged Hydronic (FHW) Heating Appliance!

By further integrating an HTP SuperStor® Indirect Water Heater provides efficient, prioritized, lifetime warranted domestic hot (DHW) supply. It also extends “fail-mode” heating continuity.

**The Resultant:**

1. A truly pre-built, free-standing Hydronic (FHW) Heating Appliance for efficient "on demand" builds or upgrades. Very compact, simple, durable and efficient ..... By Design!
2. The heavy Weil-McLain® UO Cast-Iron Boiler with all iron/steel/brass/bronze fittings provides an extended physical and chemical service life. Over 30 years..... ?
3. Taco Comfort Solutions® revolutionary Delta-T ECM Hydronic Distribution Technology maintains ideal temperatures to optimize both heating distribution & radiation efficiency!
4. An enhanced (gravity) convection effect is enabled by controlled ΔT Flow Management.
5. Our system is “hydronically correct” from heated water generation to distribution points. Natural (gravity) convection will continue heating and DHW supply in several component fail modes. We challenge ANY plumber, heating technician or installer to surpass it!
6. All system maintenance items are located within an arm’s reach for servicing efficiency!
7. Simply position the boiler module, then set and fasten the application-correct supply & return modules for a ready-to-install appliance. Takes minutes vs. hours.
8. All IPS (Female Pipe Fitting) appliance interconnections permit hard pipe, soft or hard copper or PEX use, at the customer or installer option.
10. Functionally a Universal Hydronic (FHW) Heating Appliance. #2 Fuel Oil, Natural or Propane Gas Burner firing. Change the Fuel Burner – not the entire system!

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

www.BoilersOnDemand.com

*All Consumer, Trade & Dealer Inquiries Welcomed!*