

**Introducing:**  
**America's First Hydronic**  
**(FHW) Heating Appliance!**



U.S. Patent 10,690,356  
 (Canada to follow)



**Featuring:**

**Gravity Enhanced**  
**Hydronic Convection!**  
**— “Naturally Efficient” —**

**BOILERS ON DEMAND LLC**

**The  $\Delta T$  ECM FHW Heating Specialists**

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

**Boilers On Demand LLC**

— America's First  $\Delta T$  FHW Heating Appliance —  
 Five High Street, Antrim, NH USA 03440



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**Neo-Gravity Hydronic (FHW) Heating™ — “Naturally Efficient”**

**High-Mass Neo-Gravity Heating**  
**“Emulating Nature”**



**Our Delta-T ECM Appliance:**

1. The Premium All-American Product
2. Technical Simplicity outperforming **ANY** “Built-In-Place” System.
3. With Selective Fail-Mode Heating!
4. Less Materials, Space & Energy
5. Flexible, Modular Construction
6. Installation in Hours vs. Days using **Basic Trade Assembly Skills**
7. Heavy Duty Cast-iron, Steel, Brass and Bronze Construction provides an extended service life. (30+ yrs?)
8. Superior Chemical (Water Quality) Tolerance vs. any other boiler.
9. Simplified System Maintenance (All Standard Trade Components)
10. Multi-Fuel Interchangeable Firing!  
 — Oil or Gases (Natural & Propane)

**Delta-T ECM Performance:**

1. Lowered, Precise Temp. Control for Optimized Heating Efficiencies.
2. Reduces Distribution Energy 85%+.
3. Radiation Temperature Re-Profiling For Fuel Reductions of up to 15%.

**Contact:**

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# — Boiler + Distribution + Radiation = Hot Water (Hydronic) Heating —

## The Gravity Hot Water Heating System - Up to 1920

1. **Simple, Durable Construction:** Larger Cast-Iron Boiler & Radiation with Iron/Steel Piping.
2. **Natural Gravity Convection:** No Distribution Energy Required! (Similarly with Steam.)
3. **Dynamic Energy Utilization:** Vary the Fire (Wood/Coal, etc.) to directly control Heating
  - A. Solid Fuel Firing (Wood, Coal or other) required No Electrical Controls.
  - B. Powered Firing (Gas or Oil Burners) required a Thermostat & Limit Switch (as Steam).
4. **The Limitations of Gravity Convection Heating**
  - A. Installation Costs due to Materials and Skill Level Requirements.
  - B. Single Zone (Whole House) Heating with Limited Individual Radiator Adjustments.

## The Powered Hydronic Heating System - 1920 to Date

1. The Electrical Circulator (Pump) instantly revolutionized Central Hydronic Heating.
2. Boiler, Piping and Radiation Sizes reduced Installation Costs and Increased Flexibility.
3. Multi-Zone Heating, Domestic Hot Water and Intelligent Thermostats are now The Norm.
4. Increased Fuel Costs drive more sophisticated Combustion/Control Systems—and Costs!

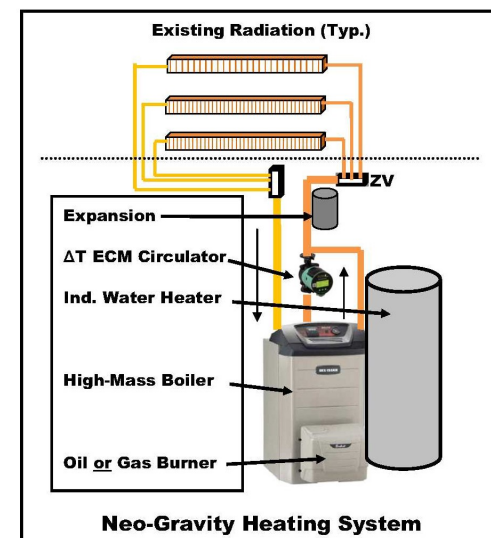
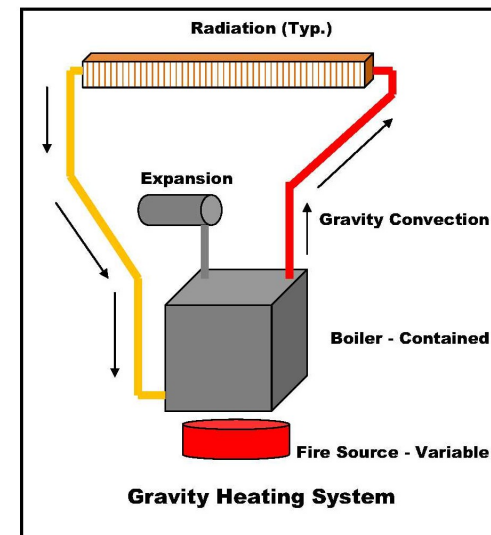
## The New Hydronic Distribution Revolution! - Delta-T ECM Circulation

1. Again Hydronic Distribution (Circulation) is revolutionizing the Hot Water Heating System.
  - A. The  $\Delta T$  ECM Circulator idealizes System Water Delivery Rates & Temperatures.
  - B. It's like "Putting an 'Automatic Transmission' on a Boiler™", to use Our Slogan.
  - C. Distribution Energy is typically reduced by 85% & Fuel Usage by up to 15%.
2. Contemporary Heating System Installations totally ignore Heating Distribution Efficiency!
  - A. Only Boiler AFUE Rating is considered in defining Heating System Performance.
  - B. Excessive Distribution Piping/Control Practices we call "The Plumber's Playground".
  - C. Therefore Hydronic Heating Systems are typically over-built and under-perform.

## Our U.S. Patented "Neo-Gravity Hydronic Heating Appliance™"

1. Integrate Natural Gravity Heating &  $\Delta T$  ECM Technology to equate a "Green" Appliance.
  - A. Near-Boiler Piping and  $\Delta T$  ECM Distribution Design optimize Gravity Convection.
  - B. Our High-Mass  $\Delta T$  ECM Appliance runs at more efficient, lower system temperatures.
  - C. A Modular-Constructed, Designed-for-Manufacture Product provides unequalled value.
  - D. High-Mass Boiler with Multi-Fuel (Oil, NG or LP) Capability - Change the Burner, not the System!
2. Appliance Features & Performance based on over thirty (30) system-years of our Beta-Site Installations.
  - A. We use 8-13 Watts of total circulation power - 1/3 to 1/2 of the  $\Delta T$  Manufacturer's Expectation!
  - B. Full Cast-Iron/Steel/Brass/Bronze Construction. Over 30 Year Life with no water condition issues?
  - C. Selective Fail-Mode System Heating Continuity w/ Prioritized Indirect Water Heater Operation.
  - D. .... and all with NO SYSTEM-RELATED SERVICE CALLS TO DATE!

**SIMPLE, DURABLE, EFFICIENT HYDRONIC (FHW) HEATING — PERIOD!**



*2020 Winter Special*  
**A Residential 3-Zone Heating + 45 Gal. IWH**  
**Delta-T ECM System**  
*As pictured, installed in NH (Oil only) - 1 Unit*  
**\$8,880.—**  
*Expires 04/30/2021*  
*(Subject to Site Pre-Qualification)*