



Condensing Gas-Fired Boilers


## Exciting News!

### Condensing in Cast Iron is Recognized in 2012 ASHRAE HVAC Systems and Equipment Handbook

The 2012 edition of the ASHRAE HVAC Systems and Equipment Handbook is out. The chapter on condensing boilers we were waiting for is officially out. It reads as follows:

"The condensing portion of these boilers may require special material or operating techniques to resist the corrosive effects of the condensing flue gases. In the past, typical cast iron, carbon steel, and copper were not suitable materials for the condensing section of a boiler. Certain stainless steels and aluminum alloys were suitable. However, advances in design, controls and manufacturing have allowed materials such as cast iron to be used where they previously could not be; as with all products, consult the manufacturer for the proper application. Commercial boiler installations can be adapted to condensing operation by adding a condensing heat exchanger in the flue gas vent."

- 2012 ASHRAE HVAC Systems and Equipment Handbook

 A powerful, complete approach to condensing efficiency

**HydroTherm**

260 NORTH ELM STREET, WESTFIELD, MA 01085 | TEL. 413-568-9571  
T7555 TRANMERE DR., MISSISSAUGA, ONTARIO L5S 1L4 | TEL. 905-670-5888

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