

Heat Transfer

*Designer and Manufacturer of
Advanced Heating and Hot Water Systems*

PRODUCT RELEASE:

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Munchkin Contender Offers 93% Efficiency, Moderate Price Point for Residential Projects

ORLANDO, FLORIDA (FEBRUARY 7, 2007) — The MUNCHKIN CONTENDER from Heat Transfer delivers the ultra-high efficiency of condensing boiler technology in a compact and lightweight, but highly durable wall-hung package intended for residential space-heating applications. Featuring an affordable price point with an AFUE rating of up to 93%, the Energy Star Rated Munchkin Contender can also be coupled with Heat Transfer's SuperStor Indirect Water Heater to provide domestic hot water.

The direct vent sealed combustion unit offers a unique, unitary construction that consolidates a high-grade stainless steel condensing heat exchanger, back flue and water manifold into a single assembly. The latter sits within a housing made of an advanced GE polymer called Noryl PPX630, which is resistant to condensing fumes and liquids. The Noryl housing also results in quieter operation.



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HEAT TRANSFER

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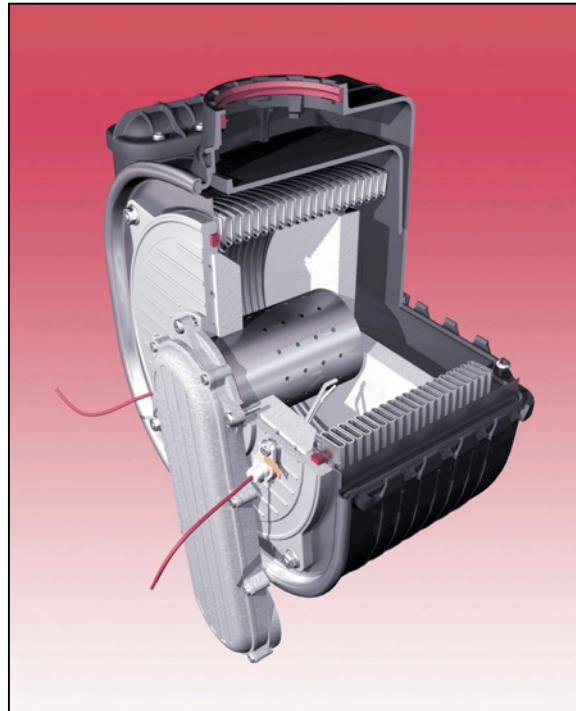
Munchkin Contender Offers 93% AFUE, *add one*

“Completely enclosing the waterway and the combustion system within the heat exchanger design eliminates numerous parts and pieces as well as the cost of welding them together at the factory,” explains Heat Transfer chief executive officer Dave Davis. “This simplified design increases the overall integrity of the boiler while allowing us to market the Contender at a significantly lower price point than other condensing boilers.”

Another unique aspect of the new Munchkin Contender is the lightweight, but dent-resistant plastic cabinet that encases the unit. Measuring 17.25 inches wide, 27.5 inches high, and 12.5 inches deep, the handsome black cover is readily removable for easy serviceability. All mechanical connections are located at the bottom of the unit for easier installation and a more attractive appearance.

Other important features and benefits of the new Munchkin Contender:

- **Corrosion-resistant, stainless steel heat exchanger:** The heat exchanger’s large, high-quality surface area is designed to extract all the latent energy from the combustion process, as well as from the by-products of that process. “Condensing boilers extract so much heat that the resulting low exhaust temperatures permit venting with Schedule 40 PVC pipe,” says Davis.
- **High-grade, stainless steel woven fiber burner:** This fully modulating, ultra-low NOx burner is load-matching, so that it limits firing to current demand. If more heat is required, the unit’s fan accelerates. If demand decreases, so does fan speed – another reason why the Munchkin Contender burns less gas to produce the same amount of heat as a conventional cast iron or steel boiler.



CUTAWAY OF THE INTERIOR OF THE MUNCHKIN CONTENDER, SHOWING STAINLESS STEEL HEAT EXCHANGER AND ITS POLYMER HOUSING.

Munchkin Contender Offers 93% AFUE, *add two*

- **Easy venting with plastic piping:** Unlike with a conventional boiler, the direct vent sealed combustion Munchkin Contender requires no chimney or other special venting provisions. Vent the Contender through a sidewall or a roof with two-inch Schedule 40 PVC up to 85 feet (intake and exhaust piping combined).
- **Flexible, fast installation:** Venting materials need zero clearance to combustibles, giving contractors greater installation flexibility. In addition, even the largest Contender model is less than 85 pounds, permitting one-man installation.

The Munchkin Contender carries a 12-year Limited Warranty and is available in four models, with high-fire inputs from 50,000 BTU per hour to 120,000 BTU/h.



THE NEW MUNCHKIN CONTENDER, SHOWN WITHOUT ITS PLASTIC CABINET.

HEAT TRANSFER: Founded in 1974 by Raymond B. Davis, Heat Transfer is a designer and manufacturer of advanced heating and hot water systems. Product categories include high efficiency boilers and advanced boiler control systems, high efficiency gas-fired water heaters, oil-fired and electric water heaters, indirect water heaters, and marine and pool heaters.

For more information about these products, visit Heat Transfer at www.htproducts.com. Or call toll-free: 800-323-9651 (508-763-8071 if calling from Massachusetts).

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