



The Heat is ON!



H y d r o n i c H e a t i n g P r o d u c t s



UTICA BOILERS has been a trusted supplier of gas and oil-fired boilers for residential and commercial buildings since 1928. Our high efficiencies, easy maintenance and installation features, and limited lifetime warranties make Utica Boilers the preferred choice of contractors and homeowners alike.

Gas - Fired Boilers

UB95M-200 • Cast Aluminum, Gas-Fired, Modulating Condensing Boiler

Utica's UB95M-200 gas-fired modulating condensing boiler was the first 95% AFUE boiler available. Ideal for high efficiency replacement jobs, new homes, radiant heating, and domestic hot water applications, UB95M cost saving features include infinitely modulating capacity from 80 to 200 MBH, outdoor temperature reset, and domestic hot water priority. The UB95's electrical operating costs are lower than other high efficiency boilers because no primary/secondary dedicated piping arrangement is required for most applications. One circulator can service the boiler and all zones. Intake and flue gasses can be piped with readily available 3" PVC to 100 equivalent feet and the contractor has the option of left, right or rear exit for return plumbing and gas piping. Piping connections on the rear and top of the units facilitate multiple boiler installations with boilers in close quarters and the integral condensate trap requires no field assembly. The unit features a standard 115v convenience outlet as well.

NEW UB95M-200 SERIES

- 95% AFUE efficiency rating
- Sealed combustion
- Direct-vent
- Cast-aluminum mono block heat exchanger
- Integrated modulating boiler control w/high limit and probe type low water cut-off
- Direct spark igniter
- Modulating burner, automatic gas valve and blower
- Swing out control panel for easily accessible components
- Safe, economical CPVC and PVC vent pipe
- Natural gas or propane



UB90-200 / 100 • Cast Aluminum, Gas-Fired, Hot Water Boiler

Utica's UB90-200 and the UB90-100 series offer a remarkable 90% AFUE efficiency rating, dramatically reducing fuel consumption and paying for itself in substantial fuel savings. They utilize cast aluminum heat exchangers, offering greater thermal conductivity which transfers heat three times faster than conventional cast iron and produces enormous gains in heat-up speed and operating efficiency. The units feature integrated boiler control with high limit for operation, safety and diagnostics. Ignition is provided by a hot surface igniter and single stage gas valve. Air flow proving switches ensure air intake and exhaust vents are clear. All components are easily accessible for ease of installation and maintenance. Unlike conventional atmospheric boilers, the UB90-200 and UB90-100 have sealed combustion, direct-vent forced draft design to draw fresh air from outdoors for combustion, instead of from inside the home. Cooled flue gas can be safely vented through inexpensive, readily available and easy to install PVC, after 5' of CPVC provided with the unit. The air intake also utilizes PVC pipe.

UB90-200 SERIES

- 90% AFUE efficiency rating
- Sealed combustion
- Direct-vent
- Cast-aluminum mono block heat exchanger
- Integrated boiler control w/high limit & low water cut-off
- Hot surface igniter/single stage gas valve
- Dual air flow proving switches
- Easily accessible components
- Safe, economical CPVC and PVC vent pipe
- Natural gas or propane

UB90-100 SERIES

- 90% AFUE efficiency rating
- Sealed combustion
- Direct-vent
- Cast-aluminum heat exchanger
- Integrated boiler control w/high limit
- Hot surface igniter/single stage gas valve
- Air flow proving switch
- Easily accessible components
- Safe, economical CPVC and PVC vent pipe
- Natural gas or propane



USC • Sealed Combustion, Gas-Fired, Hot Water Boiler

Select the USC boiler for new construction, replacement or conversion. With an 87% AFUE efficiency rating, the USC offers one of the highest cast iron to Btu heating capacity ratios in the industry. The sealed combustion system mixes outside air and fuel for optimized clean burning. This advanced combustion design not only protects against harmful CO due to poor combustion but also conserves heated air within the living space by utilizing outside air for burning. The USC offers maximum installation flexibility. Vent the USC either directly through a side wall or vertically, utilizing stainless steel vent pipe. A limited lifetime warranty covering the entire heat exchanger is standard.

- 87% AFUE efficiency rating
- Sealed combustion
- Flexible side wall or vertical venting
- Long life cast iron heat exchanger
- Water tight cast iron push nipples
- Corrosion resistant stainless steel burners
- Electronic ignition
- Natural gas or propane
- 3 sizes- capacities from 50,000 to 140,000 Btu/h input



DV-B Series boilers are available in five sizes, feature cast iron efficiencies of up to 83%, and a limited lifetime warranty. The DV-B's venting flexibility makes it an excellent choice for new or existing homes with or without a chimney. Easy to install and maintain, the DV-B combines quality, cast iron construction with compact design. Standing only 30 3/4" high, DV-B Series boilers are a perfect fit for almost any residential application.

- Up to 83% AFUE efficiency rating
- Side wall or chimney vented
- Compact, low profile design
- Long life cast iron heat exchanger
- Water tight cast iron push nipples
- Corrosion resistant stainless steel burners
- Electric ignition
- Natural gas or propane





MGB • Gas-Fired, Hot Water Boiler

The MGB Series offers a selection of nine cast iron boilers designed for chimney-vent applications. MGB boilers incorporate an advanced combustion design using atmospheric burners. Choose an optional electronic ignition with standard vent damper and the MGB delivers fuel efficiencies up to 84.1%. Design and packaging features make the MGB easy to install and maintain. An integral draft diverter allows installation of the MGB in areas with only 4 feet of ceiling height.

- 84.1% AFUE efficiency rating
- Automatic stack damper
- Water tight cast iron push nipples
- Long life cast iron heat exchanger
- Corrosion resistant stainless steel burners
- 50,000 - 299,999 BTU/h input
- Natural gas or propane
- Standing pilot or electric ignition
- Natural draft conventional chimney vented



PEG-C • Gas-Fired, Steam Boiler

The PEG-C Steam boilers, in six sizes, are the ideal selection for steam system replacement or upgrade. Features such as cast iron heat exchangers and push nipples, corrosion resistant stainless steel burners, and an automatic stack damper offer dependability and reliability and efficiencies up to 82%. Available with either standing pilot or electronic ignition, for either natural gas or propane, the PEG-C boilers are compactly designed with an integral draft hood. An integral draft diverter allows installation of the PEG-C in areas with low ceilings. The PEG-C is covered by a ten year warranty for residential installations.

- Up to 82% AFUE efficiency rating
- Long life cast iron heat exchanger
- Corrosion resistant stainless steel burners
- Water tight cast iron push nipples
- Tested for 15 PSI steam ASME working pressure
- 112,500 - 299,999 BTU/h input
- Standing pilot or electric ignition
- Natural draft conventional chimney vented
- Natural gas or propane



MODU-PAC • Commercial, Gas-Fired, Hot Water Modular Boiler

The gas-fired Modu-Pac is designed for replacement or new construction in large residences or commercial applications requiring hot water heat. Ideal for heavy duty space heating, large volume domestic water heating, or combination of space and domestic water heating. Modu-Pac boilers are composed of two or more modules with input ranges from 500,000 to 2,400,000 BTU/h. Couple the Modu-Pac with a step-fire control and receive exceptional fuel efficiencies by matching the heating demand on a continuous basis. Modules may be arranged either side-to-side or back-to-back for installation flexibility.

- Corrosion resistant stainless steel burners
- Long life cast iron heat exchanger
- Water tight cast iron push nipples
- Tested for 100 lbs. ASME working pressure
- 500,000 - 2,400,000 BTU/h input
- Chimney vented
- Natural gas or propane



JD-SERIES • Commercial, Gas-Fired, Steam or Hot Water Boiler

The JD Series – Next Generation Commercial Boiler is designed to take modular efficiency to the next level. Available in 28 sizes with capacities from 300 to 3,000 Mbbh, the JD Series Natural Gas-Fired, Water or Steam Boilers are ideal for apartment buildings, schools, churches, offices and manufacturing facilities. Most commercial boilers are either “all-on” or “all-off”. The JD boiler when used in conjunction with the optional Argo® AMB Control Kit will stage fire the individual bases. Depending on model, capacities as low 11% of full load can be obtained for optimal performance. The optional AMB Control Kit adjusts the water temperature for increased fuel economy. The control balances section run time for increased reliability. The modular base design allows for built in back-up to reduce “no heat” situations.

- New Plug 'N Play harness and junction box, worry free wiring for fast, easy installation
- New Jacket Panels – Easy installation, easy access
- New Cast Iron Sections – Better design, increased reliability, serviceability
- Peace of Mind – 10-year limited warranty on cast iron sections (Water & Steam)
- CSD1 Option available to comply with CSD1 standards where required by public building code



Oil - Fired Boilers

TriFire • High Efficiency 3-Pass Oil-Fired, Hot Water Boiler

The TriFire's multiple flue-way passages maximize surface area, optimizing heat transfer. Standard stainless steel baffles further enhance efficiency. A compact low mass design allows the unit to recover from low standby water temperatures utilizing half the energy of standard 3-pass oil boilers. The overall result – a greener oil boiler through improved technology, ideal for space heating and applications utilizing an indirect water heater. Installation is made easy with its simple plug 'n play wiring, piping tree and small footprint. Wide flue ways, a flexible oil line, dual hinged swing door with left or right mount option, site glass and sampling port make the TriFire easy to service as well.

- Efficiency rating up to 86.5% AFUE
- Cast iron high efficiency 3 pass heat exchanger
- Compact Footprint
- Piping Manifold Tree
- Plug 'n Play wiring
- Dual hinged swing door
- Flexible oil line
- Wide Flue Ways
- Site Glass
- Sample Port
- Optional Low Water Cut Off and High Limit Manual Reset and knockdown packaging
- Burner choices and direct vent available later in 2008



The SFH and SW wet based cast iron boilers deliver high efficiency, up to 86% AFUE, reliability, and ease of maintenance. The cast iron swing door provides ease of access to the combustion chamber. The SFH and SW are built with wide, easy to clean flue-way passages. The recessed target wall, protected from the flue brush during normal maintenance, enlarges the chamber area, contributing to the SFH and SW's remarkable efficiency and quiet operation. The SFH is natural draft conventional chimney vented. The SW is a direct vent model for applications where a chimney is not available. The SW is supplied with 10' of double wall insulated stainless steel flexible vent pipe and a one piece termination kit.

- Efficiency rating up to 86% AFUE
- Cast iron swing door
- Recessed target wall
- Tankless heater options
- Natural draft conventional chimney vented – SFH
- Direct Vent – SW
- Long life wet based cast iron heat exchanger
- Water tight cast iron push nipples



SFE-STEAM • Oil-Fired, Steam Boiler

The SFE features a newly redesigned heat exchanger and patent pending heat shield baffle for improved efficiency and added longevity along with an electronic low water cut-off for added safety. The cast iron swing door provides easy access to the combustion chamber. A recessed target wall enlarges the chamber, contributing to the SFE's efficiency and quiet operation. The SFE is built with wide, easy to clean flue-way passages. The recessed target wall is protected from the flue-brush during normal maintenance. Efficiencies up to 85% AFUE on SFE-365 and SFE 4100S units

New Heat Exchanger Design...

- Features a modified pin deck combined with a patent pending heat shield baffle to enhance heat transfer and increase the longevity of the boiler.
- A newly added electronic low water cut-off
 - Does not require flushing which reduces the need for make-up water.
 - Maintains a tighter control of the water level variation during the run cycle.
 - The CycleGard features a built-in anti-foaming timer.

Sight Glass and Pressure Switch Piping...

- Now repositioned with the addition of the electronic low water cut-off.
- Changed to brass for added longevity.

Additional Features Include...

- Cast iron swing door
- Recessed target wall
- Tankless heater options
- Natural draft conventional chimney vented
- Long life wet based cast iron heat exchanger
- Water tight cast iron push nipples



BC • Oil-Fired, Hot Water Boiler

The BC Series high efficiency, cast iron boilers are an ideal choice for cost-conscious homeowners who are upgrading their existing boilers or replacing an expensive electric heating system. Cast iron construction advantages of long life, efficiency, dependability, and easy maintenance, coupled with the limited lifetime warranty, make the BC an excellent investment. The BC may be ordered with a tankless hot water coil to provide domestic hot water.

- Efficiency rating up to 86% AFUE
- Long life cast iron heat exchanger
- Water tight cast iron push nipples
- Tankless heater options
- 105,000 - 196,000 BTU/h input (0.75 - 1.40 gallons/hr)
- Natural draft conventional chimney vented



CONSTELLATION • Commercial, Oil-Fired, Hot Water Modular Boiler

The Constellation Series, a modular, multiple boiler heating system is based on the SFH III, an oil-fired hot water boiler. Key features include: a cast iron swing door for quick and easy inspection of the oil burner and combustion area, extra wide flue-ways for easy cleaning and forgiving set-ups, and a recessed target wall to protect against accidental flue brush damage during cleaning.

- 86% combustion efficiency
- Long life wet based cast iron heat exchanger
- Cast iron swing door
- Recessed target wall
- Tankless heater option
- 315,000 - 3,080,000 BTU/h input (2.25 - 22.00 gallons/hr)

Indirect Water Heaters

HOTLINE • Indirect Water Heater

The HotLine Storage Tank works in conjunction with a gas or oil-fired Utica boiler to supply residential and commercial hot water needs more efficiently. HotLine tanks deliver 3 to 5 times more domestic hot water than electric or gas-fired water heaters. The HotLine can be ordered in 30, 40, 50, 80, and 119 gallon capacities.

- Heavy-duty steel jacket
- 2-inch foam insulation
- Extra-thick magnesium anode rod protection
- Porcelain-coated smooth coil and interior walls
- 3/4 or 1-inch side connections
- Dielectric fittings: coil inlet and outlets

FOR MORE INFORMATION on Utica Boilers heating products and systems, contact your local Utica Boilers distributor, or call the Utica Boilers Customer Service Department at **315-797-1310**.



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P.O. Box 4729
Utica, New York 13504
Tel. 315-797-1310
Fax 866-432-7329
E-mail: sales@uticaboilers.com
Web Site: www.uticaboilers.com

USA Contractor Assistance:
800-325-5479