



MPC Features & Benefits

The MPC has been engineered from start to finish as a product that sets the new standard for commercial cast iron boilers. The MPC meets or exceeds the competition in every way. The following list of features and benefits highlights the major sales

points which add value to the boiler. Based on its features, the MPC is easy sell. It has a ton of "spec busting" power from the 3-Pass Design, Return Water Mixing Tube (RWMT), 4-Inch Insulation, the boiler control system and UL Certification. No other boiler manu-

facturer can match all of these features while still providing the durability of a cast iron boiler. We will provide a more comprehensive feature/benefit sheet for distribution and for use by the salesforce.

FEATURE

BENEFIT

3-Pass Design

Combustion efficiencies range from 88.4 to 90.0% combustion efficiency on oil. and 85.8 to 86.3% on gas. 3-Pass air flow through the block maximizes heat transfer contributing to the higher efficiency and substantial fuel savings over single-pass boiler construction.

USA Made Cast Iron

All MPC sections are cast at Burnham Foundry, giving us complete control over quality. We are able to respond quickly to changes in demand, controlling the availability of material to meet shipment goals.

Cast Iron Construction

Cast iron is well known for having excellent heat transfer properties. Sectional construction means the boiler can be assembled on site and installed at any phase of construction, making the MPC ideal for both new boiler installation and replacement boilers.

Return Water Mixing Tube

The integral return water mixing tube (RWMT) protects the boiler from low return water temperatures by evenly distributing the return water into each section. This built-in protection eliminates the need for external mixing devices and complicated piping arrangements, saving the installer valuable time and money.

Burner Swing Door

Once the burner is disconnected, the reversible swing door opens either left or right and provides unobstructed access to the combustion chamber and all secondary and tertiary flue passages. Jacket panels are not removed for maintenance and the MPC does not have flue cover plates that need to be removed and re-installed. Once the flue passages are brushed clean, the flue collector can be vacuumed from the rear of the boiler.

4-Inch Insulation

4-Inch insulation reduces heat loss through the jacket, keeping the boiler room cooler and more comfortable during regular boiler room maintenance schedules.

UL Certified

Standard UL certification on every fire tested MPC makes it very difficult to equal in a specification. Few competitors offer UL certification. Burnham Commercial is willing to invest considerable time and money to produce this "spec busting" safety certification that is virtually unmatched in the industry.

Multiple Burner Offerings

The MPC has been application tested and approved for use with Beckett oil and gas burners and Power Flame oil, gas and gas/oil burners. Burnham will continue to conduct application testing with other manufacturers as a follow-up to the MPC project.

Boiler Control System

Burnham has developed an optional boiler control contained within the burner panel, which performs a variety of functions, including modulation of up to 8 boilers and circulators, multiple alarm and diagnostic functions, outdoor reset and has a 16 character display. We are able to offer this versatile control at only a fraction of the cost of comparable boiler controls

FUTURE ISSUES...

- Hydraulic Assembly Tool
- Website Development
- MPC Training Video Highlights
- Training Plans
- Boiler Control System

We welcome your ideas for other Insider topics.

November

- MPC price addendum to Trade Price Book 185
- MPC Pressure Fired Boiler – Suggested Specifications
- MPC Training Video
- New Commercial Cast Iron Website

Upcoming

Developments