



RB Horizontal Firetube Boiler

Sizes from 60-300 BHP

Designed by Fulton for maximum performance and durability with operating efficiencies up to 85%



Fulton RB

Horizontal Firetube Steam or Hot Water Boiler

Fulton's new horizontal boiler features a large furnace area and a large steam space, while offering a smaller footprint than other comparable boilers.

UL packaged burner and electrical control panel with many options are available. The 3-pass design fires down the center of the furnace, then returns back along the furnace walls. The hot gases turn at the front door to travel down the submerged tubes and out the rear exhaust outlet. Simple, but effective. The large water content and steam space ensure low sensitivity to load change which stabilizes steam pressure and steam quality. We say it's new, but the Fulton Model RB started life on the drawing board nearly two decades ago and has proven its capabilities in world-wide production for over ten years.

Built to Code

This reverse flame, 3-pass, water backed design utilizes a large furnace area and large steam space, and is built to all applicable ASME code requirements.



Specifications

TYPE:

3-pass, water-backed, firetube steam or hot water boiler

SIZE:

60-300 BHP

BURNER:

Consult factory for options

EFFICIENCY:

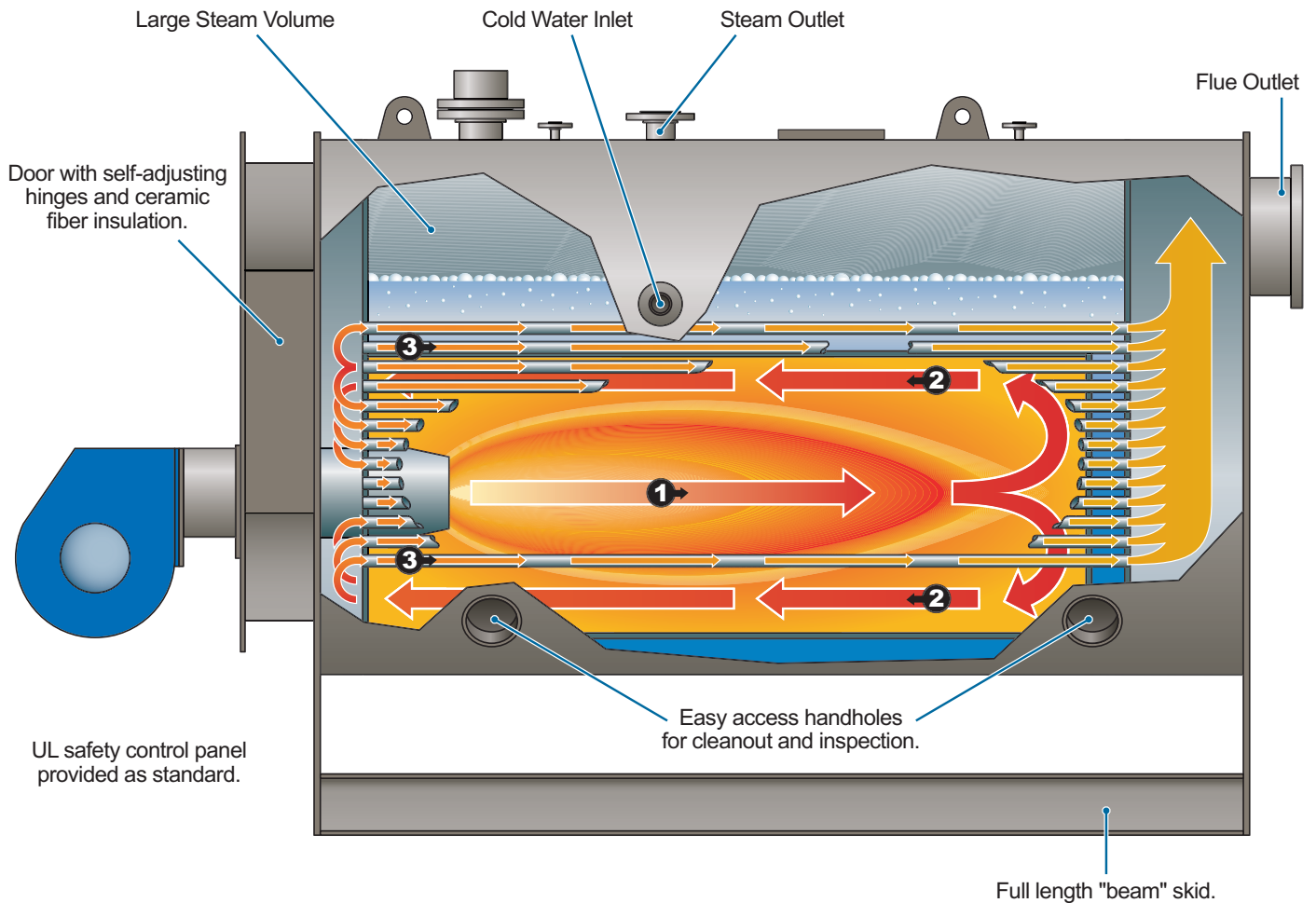
Up to 85%



Key Design Features

- High Efficiency
- Large Pressure Vessel
- Hinged Door Construction
- Water Backed Design & Low Skin Losses
- Small Footprint
- Heavy Walled Tubing

Features of the RB Horizontal Boiler



The Fulton Difference

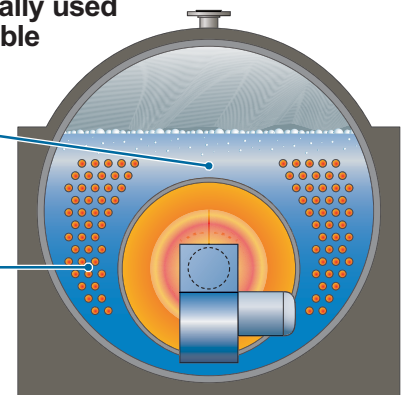
3-Pass Design

- 1 First Pass** - The burner fires down the middle of the furnace.
- 2 Second Pass** - The flame (hot gases) return along the furnace walls to the front door.
- 3 Third Pass** - The hot gases turn at the door and travel down through the submerged tubes, into the exhaust chamber, and exit out the flue.

Seamless tubes are 30% thicker than those typically used in comparable boilers.

No tubes above furnace

Generous tube spacing



Global Design & Manufacturing

The Fulton RB horizontal boiler was designed by Fulton engineers in Great Britain. The product was first introduced in England in the early 1990's. Although many boilers were sold, the product was slow to take off in Great Britain due to the initially high costs. However, the product was also being manufactured and sold in China and soon began to dominate the Chinese market.



Fulton Boiler Works Great Britain, Ltd.



Fulton China, LLC.

In 2002, Fulton China received certifications to build to ASME and British codes. After much hard work and establishing rigorous quality standards Fulton China began manufacturing pressure vessels for sale in Great Britain. With the same high quality product and a new competitive price, RB sales in Great Britain took off.



Fulton Boiler Works, Inc.

The RB boiler was designed to be the highest quality horizontal boiler available. It contains quality features that have long been "value-engineered" out of the U.S. horizontal firetube boiler market. Now, with nearly decades of experience and success in Great Britain and China, Fulton is pleased to offer this product to the U.S. market. With quality "second to none" and a competitive price, purchase your next horizontal firetube boiler from Fulton and enjoy the benefits!



Fulton Thermal Corporation



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www.fulton.com

A global manufacturer of steam, hot water and thermal fluid heat transfer systems.

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