



CONDENSING HOT WATER BOILER POWER BURNER

TC Series, Stainless Steel Flue Gas Passages
399,000 - 5,443,000 BTUH Gas Fired

THE DESIGN

Ultra High Efficiency Stainless Steel Firetube boiler, with Thermal Efficiencies to 98% as witness by a National Test Lab. The Parker TC Series is one of the most efficient boilers available in the world today. The TC 205 Series is a modern stainless and carbon steel condensing boiler, Packaged with conventional boiler controls for simplicity & High efficiency operation for use in closed system heating application.

ADVANTAGES

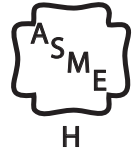
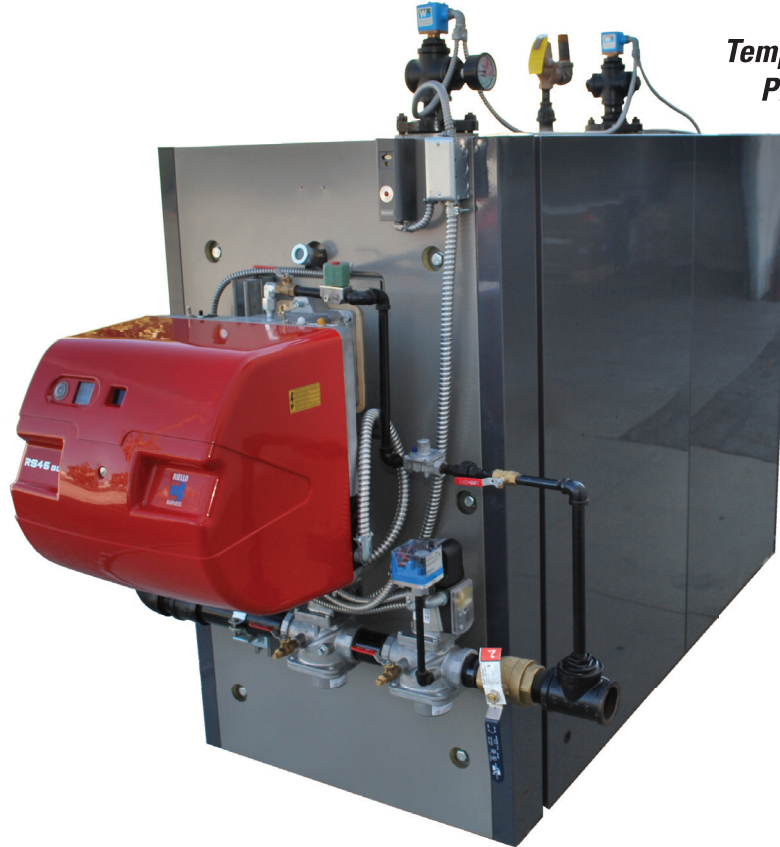
- Stainless and carbon steel boiler built in accordance with ASME code.
- Triple Flue Gas Pass Fire Tube Type
- Stainless steel flue passages for resistance to corrosion at low operating temperatures.
- Extra large amount of heating surface. All units have over 4.1sq.ft. per BHP. None of this heating surface is extended fin.
- Far more heating surface when compared to the competition..
- More Heating Surface translates to less metal stress, Heat Flux and longer service life.
- Sealed combustion chamber for low excess air levels and high efficiencies.
- Qualifies for Utility Incentive Funding.

PARKER BOILER CO.
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Fax (323) 722-2848
www.parkerboiler.com
BROCHURE 205 IV-VI 1H1

Thermal Efficiencies to 98%

205 Stainless Steel Boiler

Temperatures to 190°F
Pressures to 80 PSI



Low NOX Models
SCAQMD
Certified to 1146.2

- Less heat loss due to Water Backed sealed combustion chamber design.
- Ease of Cleaning: The Parker front door can easily be swung to gain access to fireside tube surfaces. This allows for easy cleaning, which is critical for long service life on a condensing boiler.
- Front door can swing either way.
- Field proven European Design.
- Natural or Propane Gas fired. Can burn Biogas and #2 Oil
- Low & Medium temperature return connections. This increases overall boiler efficiency by allowing cool water to chill flue gasses to the greatest extent.
- Provided with matched UL Listed Power Gas Burner offering reliable clean combustion with low excess air levels and outstanding repeatability.
- Optional Low NOx Power Gas Burner for NOx levels to 30ppm, 20ppm or 9ppm.

Optional

- Domestic water heating systems thru heat exchangers or tanks.
- Inlet Air ducting to outside.
- Outdoor air reset modes.
- Lead Lag system.

"Never a Compromise for Quality or Safety"



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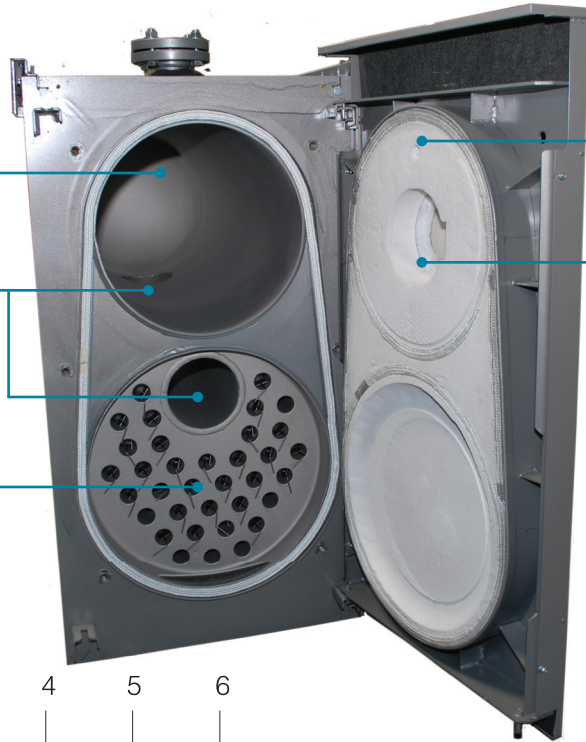


205 Stainless Steel Boiler

Large Stainless Steel
Combustion Chamber

Stainless Steel
Return Tube

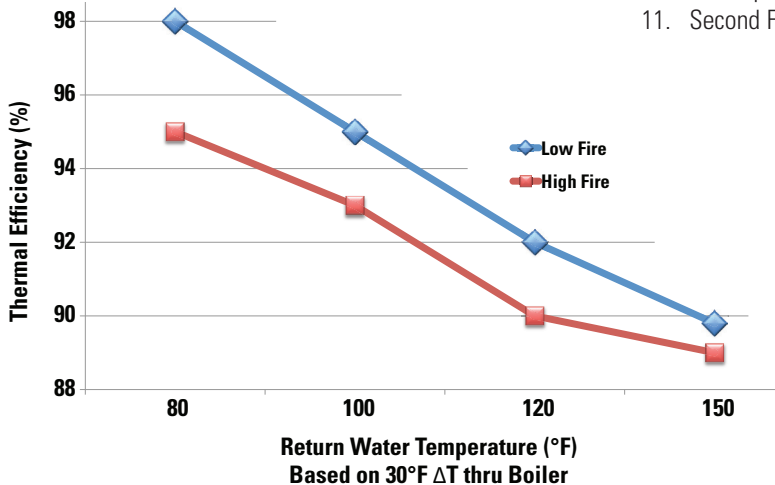
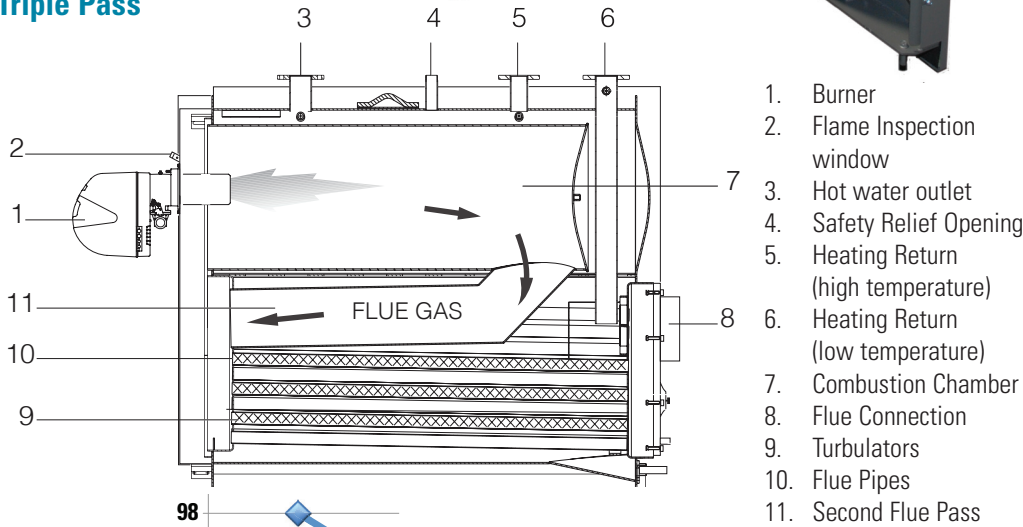
Stainless Steel Final Pass
Firetubes with Turbulators
maximizing heat transfer



Front door can swing either
way allowing easy access for
inspection and cleaning

Burner Mounting Hatch

Boiler Internals Triple Pass



Codes / Approvals

All Parker Hot Water Boilers are manufactured in accordance with the ASME Heating Boiler Code and registered with the National Board of Boiler and Pressure Vessel inspectors. The boiler burner and controls are prewired, factory tested and Listed by a Nationally Recognized Testing Laboratory as Gas Fired Boiler Assemblies to UL Standard 795 & CAN/CGA STD 1-3.1. Product line certified by AHRI and carries IBR rating.

Matched Integral Riello Burners

- Mounted, packaged
- Factory fire tested
- Low O₂'s
- Outstanding repeatability
- Reliable Operation



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