



Peerless® PUREFIRE®

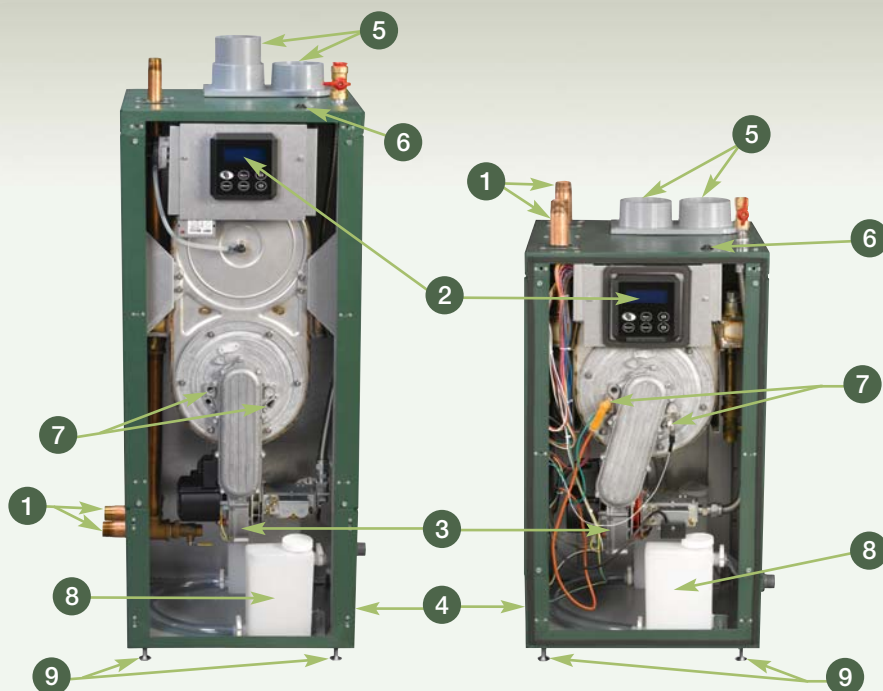
High Efficiency Condensing Gas Boilers

**Meets all Federal
Tax Credit
Requirements**



- Up to 97.3% AFUE—ENERGY STAR® Efficient*!
- Gas-fired Condensing Boiler for Natural or LP Gas
- 6 Sizes Available—Residential and Commercial
- Direct-vent, Sealed Combustion
- Fully Modulating Burner for Maximum Efficiency
- Factory Tested, Pre-Mixed Gas Burner Technology
- ASME and ETL Certified for U.S. and Canada
- Environmentally Friendly—LoNOx Operation
- Sleek, Modern Design with Easy Access to Controls
- Compact, Lightweight and Small Footprint
- Cascade Capable—up to 16 Boilers

*for residential models



- 1 Supply / Return Pipes
- 2 Boiler Status Display
- 3 Pre-Mix Burner
- 4 120V Service Outlet
- 5 Top Vent Connections
- 6 Service Switch
- 7 Reliable Dual Flame Sensors
- 8 Condensate System with Neutralizer
- 9 Leveling Legs

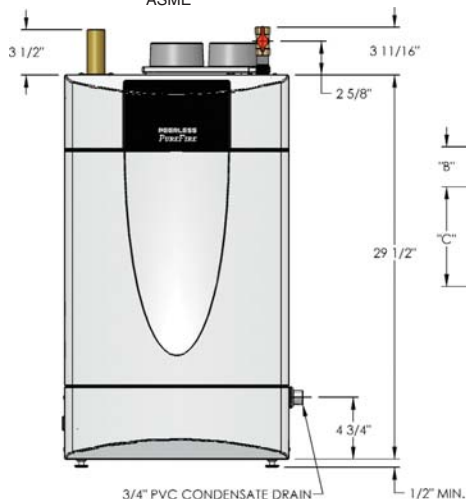
The PUREFIRE® boiler includes a full one-year warranty. A one-year parts and labor warranty will also be provided (labor coverage starting on day 31) if the warranty registration card is returned. In addition, the heat exchanger is covered by a 12-year limited warranty. Visit PeerlessBoilers.com for complete details.



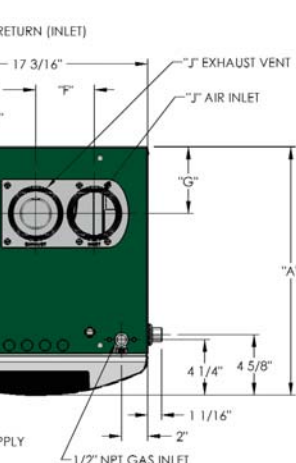
CONTROLS



Technical Information

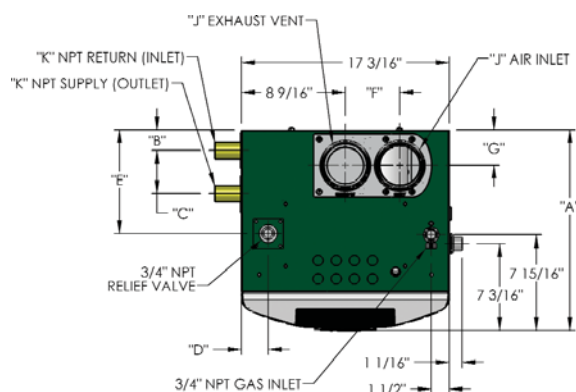


FRONT VIEW

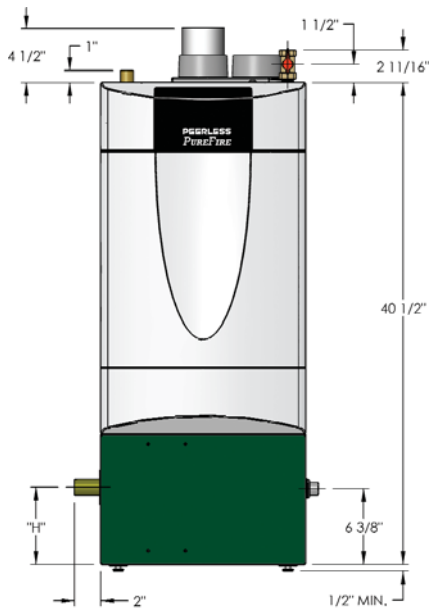


TOP VIEW

PF-50, 80, 110 & 140



TOP VIEW



FRONT VIEW

PF-210 & 399

Carton Dimensions & Shipping Weights

| Boiler Model Number | | Length | Width | Height | Approximate Shipping Weight (lbs.) |
|---------------------|--------|--------|-------|--------|------------------------------------|
| RESIDENTIAL | PF-50 | 21" | 16" | 36" | 68 |
| | PF-80 | 21" | 16" | 36" | 88 |
| | PF-110 | 21" | 23" | 36" | 108 |
| | PF-140 | 21" | 23" | 36" | 118 |
| | PF-210 | 21" | 24" | 48" | 165 |
| COMMERCIAL | | | | | |
| | PF-399 | 25" | 32" | 50" | 255 |

Boiler Ratings

| PUREFIRE® Gas Series | | | | | | | |
|----------------------|------------|-----|-------------------------------------|--|-----------------------|--------------------------|------|
| Boiler Model Number | Input, MBH | | Heating Capacity ³ , MBH | NET I=B=R Ratings Water ¹ , MBH | AFUE ³ , % | | |
| | Min | Max | | | | | |
| RESIDENTIAL | PF-50 | 16 | 50 | 46 | 40 | 95.09 | |
| | PF-80 | 26 | 80 | 73 | 63 | 95.22 | |
| | PF-110 | 36 | 110 | 101 | 88 | 95.84 | |
| | PF-140 | 46 | 140 | 130 | 113 | 95.38 | |
| | PF-210 | 42 | 210 | 192 | 167 | 97.30 | |
| COMMERCIAL | | | Gross Output | Net I=B=R | Thermal Efficiency, % | Combustion Efficiency, % | |
| | PF-399 | 80 | 399 | 373 | 324 | 93.4 | 95.5 |

1 Net I=B=R water ratings based on an allowance of 1.15.

2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test. Before purchasing this appliance, read important information about its estimated annual energy consumption or energy efficiency rating that is available from your retailer.

Dimensions & Connection Sizes

| Boiler Model Number | | Dimensions | | | | | | | | | |
|------------------------|--------|------------|--------|---------|---------|---------|--------|--------|----------|----|--------|
| | | A | B | C | D | E | F | G | H | J | K |
| RESIDENTIAL | PF-50 | 13-1/2" | 3-1/8" | 3-3/4" | 2-7/16" | N/A | 4-1/2" | 5-1/8" | N/A | 3" | 1" |
| | PF-80 | 13-1/2" | 3-1/8" | 4-7/8" | 2-7/16" | N/A | 4-1/2" | 5-1/8" | N/A | 3" | 1" |
| | PF-110 | 19-1/16" | 3-1/8" | 7-5/8" | 2-7/16" | N/A | 4-1/2" | 5-1/8" | N/A | 3" | 1" |
| | PF-140 | 19-1/16" | 3-1/8" | 10-1/2" | 2-7/16" | N/A | 4-1/2" | 5-1/8" | N/A | 3" | 1" |
| | PF-210 | 16-9/16" | 1-3/4" | 3-9/16" | 2-1/4" | 8-1/2" | 4-1/2" | 3" | 6-1/2" | 3" | 1" |
| COMMERCIAL | | | | | | | | | | | |
| | PF-399 | 27-15/16" | 2-3/4" | 7-1/16" | 2" | 19-7/8" | 5-1/4" | 3-5/8" | 5-13/16" | 4" | 1-1/2" |

Standard Equipment

- Built-in Condensate Neutralizer System with Float Switch Protection
- State-of-the-Art Control Board with Advanced Features
- High Grade Stainless Steel Burner and Heat Exchanger
- Outdoor Reset Capability
- Domestic Hot Water Priority
- PVC Screened Air Intake and Exhaust
- Combination Temperature-Pressure Gauge and 30 PSIG Relief Valve



PeerlessBoilers.com



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