Peerless® PureFire®
625 & 750 High Efficiency Condensing Commercial Gas Boilers

Peerless® PureFire®
625 & 750 Features and Benefits

✓ Up to 98.0% Thermal Efficiency
✓ Low Pressure Drop Through Stainless Steel Heat Exchanger
  Reduces Pump Requirements
✓ Direct-vent/Sealed Combustion or Indoor Air
✓ Environmentally Friendly LoNOx Operation
✓ Cascade Capable - up to 8 Boilers
✓ One Year Parts and Labor Warranty Included with Every Boiler!
  *boiler and installer must be registered for warranty to take effect

Standard Equipment
✓ Built-in LWCO with Manual Reset for CSD-1 Compliance
✓ Fully Modulating Burner with Maximum 5 to 1 Turndown
✓ MODBUS Communications
✓ Drop-down Control Panel for Easy Wiring Access
✓ Rear Connections
✓ Domestic Hot Water Priority
✓ Combustion Air Filter and Air Proving Switch
✓ 30 psi Relief Valve
✓ High Temperature Vent and Door Limit Switch

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## Technical Information

### Peerless® PureFire® PFC-625 & PFC-750 Boiler Ratings

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<td>PFC-625</td>
<td>125</td>
<td>36.6</td>
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<td>750</td>
<td>219.8</td>
<td>735</td>
<td>215.4</td>
<td>639.1</td>
<td>187.3</td>
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Note: Consult factory before selecting a boiler for installations with unusual piping and/or pickup requirements, such as intermittent system operation, extensive pipe system, etc.

1. Net water ratings are based on a piping and pickup allowance of 1.15
2. Gross Output and Thermal Efficiency are based on testing in accordance with ANSI/AHRI STANDARD 1500 – 2015 TESTING STANDARD FOR PERFORMANCE RATING OF COMMERCIAL SPACE HEATING BOILERS and are 3rd Party verified.

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### Diagrams

- **Lower View**
- **Left Side View**
- **Front View**

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### Diagram Labels

1. Supply/Return Pipes
2. Multi-language LCD Display
3. Blower
4. 120V Service Entrance
5. Drop-Down Control Panel
6. Rear Vent Connection
7. Service Switch
8. Reliable Dual Flame Sensors
9. Condensate System
10. Gas Valves
11. Gas Inlet
12. Air Inlet
13. Air Inlet Filter

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