Performance:
▪ Full Load Thermal Efficiency 96.6%
▪ Design Certified by SCAQMD for Low NOx Operation
▪ Dual Modulating Burners with 10:1 Overall Turndown Capability
▪ Factory Equipped for Outdoor Reset Operation
▪ Dual Temperature Settings for Central Heating and Domestic Hot Water
▪ Dual Flame Sensing for Reliable Ignition
▪ Suitable for Firing Natural or LP Gas
▪ Modbus Capable

Construction:
▪ Designed, Constructed and Stamped in accordance with ASME Boiler & Pressure Vessel Code, Section IV
▪ Design Certified for Zero Clearances to Combustible Construction
▪ Space Saving Stackable Design
▪ Maximum Allowable Working Pressure: 160 PSI
▪ 304L Stainless Steel Heat Exchanger
▪ Heavy Gauge Support Structure & Cabinet
▪ Removable Jacket Panels
▪ Leveling Legs

Exhaust/Air Intake Piping:
▪ Suitable for Direct Vent Combustion Operation with Inside or Outside Air
▪ Stainless Steel Drain Tee w/Condensate Neutralization
▪ Designed for Common Venting/Air Inlet
▪ Vent Temperature Sensor

Safety Features:
▪ 30 PSIG ASME Safety Relief Valve (Loose)
▪ Pressure/Temperature Gauge (Loose)
▪ Integrated Connections for Low Water Cut Off or Flow Switch
▪ Manual Reset High Temperature Limit

Codes:
▪ Design Certified to ANSI Z21.13
▪ CSD-1 Compliant
▪ California Emissions Compliant
▪ Massachusetts Plumbing Code Compliant

Control Features:
▪ Plain English Status Display
▪ Factory Equipped for Multiple Boiler Cascade Operation
▪ Advanced Burner Control Logic for Common Venting of Multiple Boilers
▪ Flame Signal Logging Capability
▪ Freeze Protection
▪ DHW Tank Warm Hold
▪ Ramp Delay Step Modulation
▪ Outdoor Sensor Included
▪ System Type Presets
▪ Temperature Boost Function
▪ Warm Weather Shut Down
▪ Anti Cycling Logic
▪ Limited DHW Priority
▪ DHW Heat Economy Circulation
▪ Service Notification
▪ System Test for Manual Control of Firing Rate
▪ Fault History
▪ Alarm Contacts
▪ Analog Input for Setpoint
▪ Modbus Communications Capability

Combustion System:
▪ High Quality Low NOx Burner
▪ Dual Flame Sensing
▪ High Energy Spark Ignition

Condensate System:
▪ Built-in Condensate Trap with Neutralization
▪ Blocked Condensate Switch
▪ Highly Visible, Easy Access Condensate Collector

Warranty:
▪ One Year Parts Warranty
▪ One Year Labor Program*
▪ 10 Year Limited Heat Exchanger Warranty
▪ Available 5 and 10 Year Extended Parts and Labor Warranties

* Purchased by PB Heat, LLC, if Product and Installer/Service Provider are Registered with Program Administrator.
Optional Equipment:

- Domestic Water Tank Temperature Sensor
- System Sensor for Multiple Boilers
- 50 PSI Safety Relief Valve
- 100 PSI Safety Relief Valve
- 150 PSI Safety Relief Valve
- BACnet or LonWorks Gateway

These specifications are subject to change without notice.