



Peerless® Pinnacle®

High Efficiency Condensing Oil Boilers



- 92% AFUE—ENERGY STAR® Efficient!
- Residential, Oil-fired Condensing Boiler
- Direct Vent, Sealed Combustion—No Chimney Required!
- No Secondary Heat Exchanger
- Two Firing Rates—70,000 BTU/Hr. & 84,000 BTU/Hr.
- Flexible Installation Options Including Reversible Swing Door
- Multi-Functional Controls
- Designed, Tested and Stamped in Accordance with the ASME Boiler and Pressure Vessel Code
- Top Access to Burner and Internal Components
- Slim Footprint; Quiet Operation

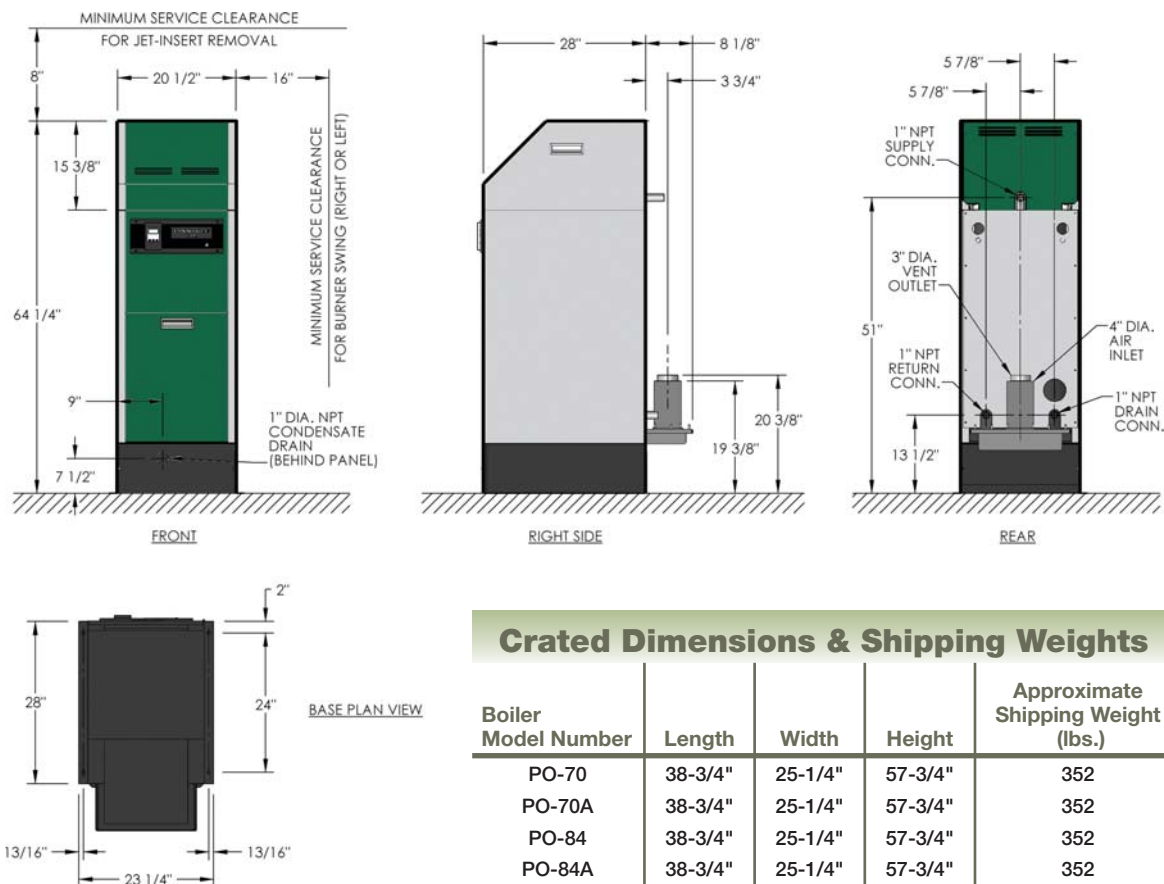


- 1 Ultra-Quiet Burner Cover
- 2 Swing-up Burner Mounting Plate
- 3 High Grade Stainless Steel (904L)
- 4 ASME Pressure Vessel
- 5 Beckett AFG Burner
- 6 Operating Control
- 7 Jet Inserts
- 8 Condensate Access Plate
- 9 Condensate Drain Pipe

The Pinnacle® Oil boiler includes a full one-year warranty on the entire boiler and a limited, 12-year warranty on the heat exchanger of the Pinnacle Oil boiler. Visit PeerlessBoilers.com for complete details.



Technical Information



Crated Dimensions & Shipping Weights

Boiler Model Number	Length	Width	Height	Approximate Shipping Weight (lbs.)
PO-70	38-3/4"	25-1/4"	57-3/4"	352
PO-70A	38-3/4"	25-1/4"	57-3/4"	352
PO-84	38-3/4"	25-1/4"	57-3/4"	352
PO-84A	38-3/4"	25-1/4"	57-3/4"	352

Boiler Ratings

Boiler Model Number	Boiler Input ²		Heating Capacity ^{3,5} , MBH	Net I=B=R Output ^{4,5} , MBH	Seasonal Efficiency ⁵ , AFUE
	GPH	MBH			
PO-70	0.50	70	64	56	91.7%
PO-70A ¹	0.50	70	65	56	92.0%
PO-84	0.60	84	77	67	91.3%
PO-84A ¹	0.60	84	77	67	91.8%

- Models PO-70A and PO-84A designate boilers using an alternate minimum vent length of 25 equivalent feet.
- Firing Rate is based on commercial standard #2 fuel oil with a heating value of 140,000 Btu/gallon. Burner input is based on a maximum altitude of 2,000 ft - for higher altitudes consult the factory.
- Heating Capacity ratings are based on U.S. Government standard tests, with 13.0% CO₂.
- The Net I=B=R Output Ratings are based on a pick-up allowance of 1.15. Consult the factory before selecting a boiler for gravity hot water installations or installations having unusual piping and pick-up requirements, such as intermittent system operation and extensive piping systems.
- Heating Capacity, Net I=B=R Output, and Annual Fuel Usage Efficiency (AFUE) are based on testing required by the FTC and are 3rd Party Verified.

Standard Equipment

- > Beckett AFG Burner
- > High Alloy Stainless Steel Heat Exchanger
- > POC #1
- > LCD Function Display
- > 30 PSI Safety Relief Valve
- > Pressure/Temperature Gage
- > Outdoor Reset Capable
- > Pinnacle Oil Burner Acoustic Shroud



PeerlessBoilers.com



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