

FIREBIRD

Oil Fired Condensing Boiler



Working towards a greener planet

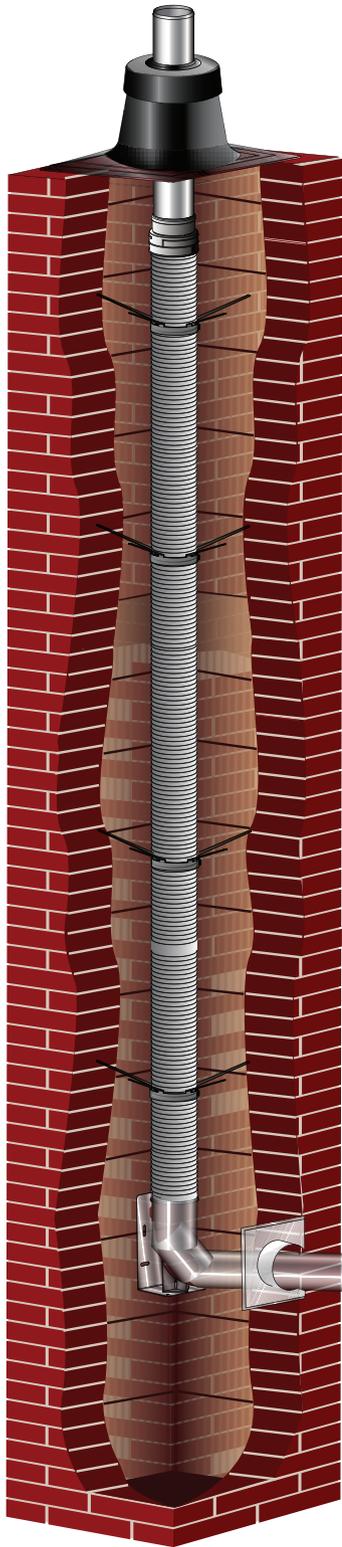
The FIREBIRD Oil-Fired Condensing Boiler

Firebird's oil-fired, low mass, condensing boiler achieves an AFUE rating of 92% with a patented, down fire heat exchanger.

This unique heat exchanger utilizes premium grade, mild and stainless steel for the perfect combination of heat transfer and corrosion resistance. The intricate flue passage design slows the exhaust gases, maximizing heat transfer and efficiency at design conditions while yielding a very low stack temperature <160F. The Riello RDB burner provides the high static pressure required to operate this boiler.

Firebird popular boilers are the highest efficiency oil boiler in the industry utilizing a yellow flame burner.

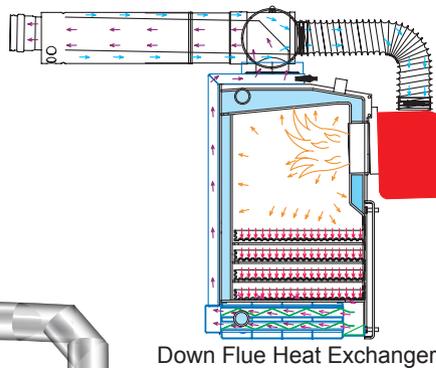
Firebird's popular boiler is supplied with limited twenty year warranty



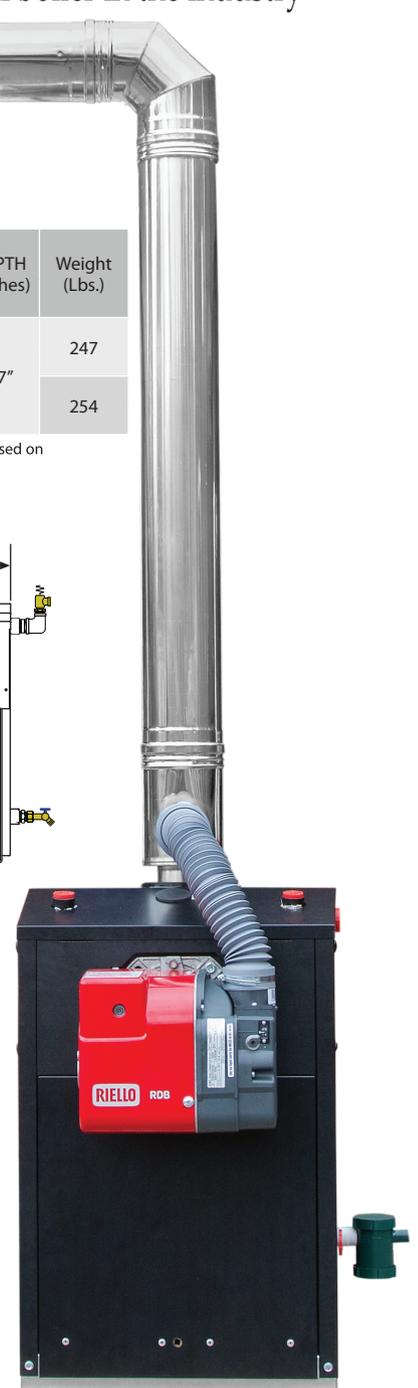
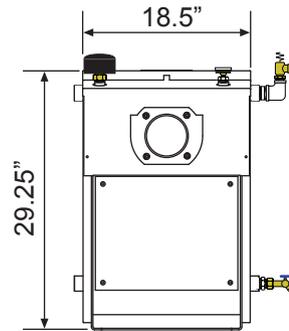
Polypropylene Chimney Liner Kit

Boiler Model #	Heating Capacity (MBH)	Gross Input Burner Capacity		Net Output Oil (MBH)	Efficiency OIL (%)	Water Content (Gal.)	DEPTH (Inches)	Weight (Lbs.)
		OIL (GPH)	OIL (MBH)					
Popular 90	80	.60	85	70	92%	6	17"	247
	95	.70	100	83	92%			
Popular 120	105	.80	115	115	92%	6	17"	254
	125	.90	130	130	92%			

(1) The burner input is based on oil with a heat value of 140,000 BTU/Gal. - (2) The net output ratings shown are based on piping and pick-up allowance of 1.15



Down Flue Heat Exchanger



Technical Advantages

- Whisper quiet
- Patented heat exchanger design
- Built with 316L SS and mild steel
 - Compact design
- Supply / return tapings on each side
- Boiler reset and low-water cutoff
- Riello RDB yellow flame burner
 - Direct vent capability



Intertek