

Uncontrolled Emissions Configuration

The Industrial Combustion D series burner forced draft design allows for trouble-free operation and superior efficiency on boiler, heater, furnace, kiln, and dryer applications. The uncontrolled configuration offers multi-fuel versatility. The Industrial Combustion D is an excellent choice when firing alternative fuels such as digester, waste oil, and biodiesel.

D Series



Low-pressure air atomizing system on oil with rotary vane compressor purges air through the large nozzle orifice after each burner cycle to prevent after-drip and fouling.

Piston-type positive displacement oil metering system.

Cam trim 14-point adjustment range on FGR feature adjusts the burner for consistent and precise fuel-to-air ratios throughout the firing range. Excess air is controlled to a minimum through the full adjustment range.

Parallel positioning available for optimal control throughout the firing range.

Nozzle line electric heater standard on medium- to heavy-oil burners.

Rotary air damper provides precise fuel-to-air ratios.

Hinged air housing provides easy access to the nozzle, scanner, pilot, and diffuser for inspection or removal. No disconnection of fuel or power lines required.

Gas manifold on oil burners standard for easy upgrade to combination units.

Backward-curved impeller provides adequate combustion air for various furnace pressure and high-altitude applications and avoids the dust collection that is common with forward-curved blowers.

UL & ULc listed.

Frame	Model range	Boiler HP	Capacities		Mode of operation	Fuel	Parallel positioning
			MBH	GPH			
Size 1-8	42-420	100-1,000	4,200-42,000	30-300	Full modulation	Gas, oil, comb.	Optional