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AEROTECH HERMAN NELSON

## *Recirculation Heaters*

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Our Indirect Fired Heaters are built to handle various heating and drying applications and are available in 3 fuel options: Natural Gas, Propane, and Diesel.

The EcoBlaze Blaze Indirect Fuel Oil/Kerosene/Diesel Space Heater is the ideal choice when you want powerful heat faster and more efficiently. With recirculating capabilities, this high-performance heater can save you 30 to 50% in fuel consumption. Plus, with a ultra powerful 5500 CFM blower and 220°F heat rise, spaces are heated more quickly. There are also convenience features including remote thermostat capabilities (thermostat not included) and panel-mounted digital volt meter and fuel pressure gauge for simplified troubleshooting.

**Aerotech Herman Nelson**  
100 Eagle Drive  
Winnipeg, MB, CAN  
R2R 1V5

**1 (800) 486-4328**  
**1 (204) 633-1999** (24hr)

[sales@hermannelson.com](mailto:sales@hermannelson.com)

# The Blaze 400 & 600 Turbo

## The Blaze 400 and 600 TURBO (LP/NG/OIL-FIRED)

### GROUND BREAKING FEATURES:

- 5,500 CFM Highest in its Class
- Ductability: 150 ft.
- Whisper Quiet Operation
- 220 °F Temperature Rise
- Recirculating Capabilities
- Full Load Amps: 8.5A (400) 11.5 (600)
- Forklift Pockets/Lifting Bar

### MORE FEATURES:

- Digital Panel Mounted Voltmeter
- Multiple Firing Rates
- Interchangeable Burners
- Stainless Steel Heat Exchanger
- Easy LP/NG Switchover
- Pressure Gauges on Inlet and Manifold
- Riello & Beckett Burner Options for both Oil and Gas
- Redundant Fail Safe Control System
- Oil Pressure Gauge
- Thermostat Operation
- Genysis Beckett Controller
- CSA/UL Approved
- 42 US Gallon Onboard Fuel Tank
- Optional 100 Gallon Fuel Tank



### RECIRCULATING CAPABILITIES



### ACCESSORIES



High Limit Switch



FUEL NOZZLE  
2.00 GPH X  
45B DEGREE



FUEL FILTER



REMOTE THERMOSTAT  
- 50 FT



36" STACK CONNECTOR  
W/ RAIN CAP

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# The Blaze 400 & 600 Turbo

## Blaze 400 Turbo & Axial Multi-Oil Fired Portable Space Heater Technical Specifications

NOTE: Blaze 600 Turbo Input BTU's are 588,000 and full load amps are 11.5. The 600 is available with a Beckett CF800 Oil Burner.

Pump Pressure (PSIG)	100 Beckett	120 Beckett	150 Beckett	200 Beckett	200 Riello
Input BTU's/h w/ No. 1 fuel	277,000	310,240	339,325	391,955	391,955
Input BTU's/h w/ No. 2 fuel	280,000	313,600	343,000	396,000	396,000
Combustion Air Adjustment (shutter/band) (air gate)	3/1	3/1	2/2	5/3	4
Head Setting	2	2	2	2	5
Discharge Temperature	200	210	215	220	220
Running Time (hours)	21	19	17	15	15
Weight (approx)	500 lbs.				470 lbs.
Finish	Powder Coated				Powder Coated
Beckett Burner	CF375				G400
Nozzle (Delavan)	2 x 60B				2 x 60B
Fuel Tank Capacity (Imperial/U.S. Gallons)	35/42				35/42
	Optional 100 US Gallon Tank Available				
Heated Air (w/out duct) CFM	5,500 (Turbo)/3,500 (Axial)				
Fan Motor (hp/rpm)	1, 1,500 (Turbo)/1725 (Axial)				
Flue Size (Diameter)	6"				6"
Tires (Diameter)	16"				16"
Air Outlets (Diameter)	Two 12" or 1 X 16"				
Air Inlets (Diameter)	Two 12" or 1 X 16"				
Dimensions	76.7" x 31" x 57.6"				
Crated	83" x 32" x 65"				
Approval	CSA/UL-OMNI				
Electrical System	120-60-1				
Volts-Hertz-Phase	120-60-1				
Full Load (Amps)	8.5A (Turbo)/11.5A (Axial)				
Max Fuse size (Amps) with time delay	2MDA				
Fuse Holder Type	HKP				
Max Outlet Temperature	295				
Ducting Maximum Static Pressure	3" (Turbo) /0.65" (Axial)				
Fuel	No. 1, No. 2/Kerosene, Furnace Oil				

## Model Blaze 400 TURBO & Axial Multi-LP/NG Fired Portable Space Heater Technical Specifications

	Riello	Beckett
Manifold pressure "W.C.	3.5	5
Input BTU's/h	399,000	399,000
Burner	G400	
Combustion Air Adjustment (shutter/band)	3.5	8/0
Head Setting	4	
Heated Air (w/out duct) CFM	5,500 (Turbo)/3,500 (Axial)	
Fan Motor(hp/rpm)	1,1725	1,1460
Discharge Temperature	295	295
Running Time for NG (CFH)	399	399
Running Time for LP (lbs. per hour)	18.55	18.55
Weight (approx.)	470 lbs.	
Finish	Powder Coated	
Flue Size (Diameter)	6"	
Tires (Diameter)	16"	
Air Outlets (Diameter)	Two 12" or 1 X 16"	
Air Inlets (Diameter)	Two 12" or 1 X 16"	
Dimensions	76.7" x 31" x 65"	
Crated	83" x 32" x 57.6"	
Approval	CSA/UL-OMNI	
Electrical System	120-60-1	
Volts-Hertz-Phase	120-60-1	
Full Load (Amps)	8.5A (Turbo)/11.5A (Axial)	
Max Fuse size (Amps) with time delay	2MDA	
Fuse Holder Type	HKP	
Temperature Rise	220 °F	
Ducting Maximum Static Pressure	3" (Turbo) /0.65" (Axial)	
Fuel	Propane or Natural Gas c/w NG/LP easy switch over valve	

