

The BT Blaze 400D Turbo (LP/NG/OIL-FIRED)

GROUND BREAKING FEATURES

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



Heating Capacity	399,000 BTU/h
Maximum Air Delivery Rate	5,500 CFM
Max Output Temp	200 °F
Fuel Capacity	42 U.S. Gallons (400 DT)
Fuel Type	Diesel/Kerosene (DT) or LP/NG (DTLPNG)
Maximum Fuel Consumption	Oil - 2.8 U.S. GPH LP - 18.5 lb/h NG - 399 ft ³ /h
Static Pressure	3" W.C.
Fan Motor	1 HP @ 1750 RPM
Ignition	Electronic
Ductability	150 ft Discharge/50 ft Inlet Recirculation Capability
Burner	Beckett CF375/Riello G400
Outlet Duct	2 x 12" or 1 x 16" Diameter Outlet
Electrical	115V/ 8.5 Amp.
Air Flow	5,500 CFM
Approval	CSA/UL-OMNI
Weight	500 lb (approx)
Dimensions	76.7"L x 31"W x 57.6"H

100 Eagle Drive, Winnipeg, MB, Canada R2R 1V5
Local: 1 (204) 633-1999 (24 hr.)
Toll Free: 1 (800) 486-4328
Fax: 1 (204) 694-1612 or 1(204) 632-4441
Email: sales@hermannelson.com
Website: www.hermannelson.com

**AEROTECH
HERMAN
NELSON**
INTERNATIONAL INC.

THE BT BLAZE 400D TURBO

EMPOWERED BY INNOVATIVE ENGINEERING

1 (800) 486-4328



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 Optional 100 US Gallon Tank Available				35/42
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					
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"	
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Dimensions	76.7" x 31" x 65"	
Crated	83" x 32" x 57.6"	
Approval	CSA/UL-OMNI	
Electrical System		
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	



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