

Portable Heating, Venting and Drying Solutions



SE405

- ▶ Direct-fired design with totally enclosed flame and controls
- ▶ Sleek design suited for any tented event with heavy duty components for construction sites
- ▶ Stackable design
- ▶ Changes from vapor propane to natural gas with a turn of a valve
- ▶ Approved for indoor and outdoor use
- ▶ High efficiency motor reduces amp draw and is rated to run on standard 15 amp circuit
- ▶ Ductable up to 32'
- ▶ Remote thermostat with On/Off control saves fuel



1200DF

- ▶ Compact, lightweight, pre-piped and pre-wired for quick installation and fast start-up
- ▶ Easy-to-use Operator Interface Panel includes discharge temperature dial for "set it and forget it" control
- ▶ Service and gas valve leak test switches are provided for easy access and service
- ▶ Optional diffuser provides easy attachment of multiple flexible ducts for quick and convenient distribution of discharge air in the building
- ▶ Burner mounted downstream of blower so motor and other critical components are located in cool air stream for extended service life
- ▶ Low-voltage hot surface igniter provides the most dependable gas ignition system for direct gas-fired heaters
- ▶ Stainless steel burner and flame rod reduce maintenance and extend service life
- ▶ Integral VFD provides variable air volume control and minimizes motor inrush current allowing the heater to be safely powered by a generator set
- ▶ Clean, reliable burner with no exposed flame eliminates odor associated with other direct gas-fired heaters. "You can smell the difference"
- ▶ Optional wheels available



S2200D

- ▶ AGA Certified
- ▶ Air flow switch
- ▶ Burner heat shield
- ▶ Dual fuel
- ▶ Ductable
- ▶ Flame safeguard control
- ▶ High limit switch
- ▶ Motor overload - manual reset
- ▶ Remote mounted thermostat
- ▶ Weather sealed control box
- ▶ Tested to ANSI standard Z83.7 (1990)
- ▶ Safe fuel shutdown if combustion air is interrupted
- ▶ Low housing temperature
- ▶ Simple inlet change from propane to natural gas
- ▶ May be ducted up to 300 feet
- ▶ Safe monitoring of combustion, two-trial electronic ignition with 5-second pre-purge time delay and 10-second shutdown
- ▶ Protects heater by shutting down if unit is being overfired
- ▶ Protects heater by shutting down if voltage is too low
- ▶ Automatically cycles the heater high/low to maintain room temperature
- ▶ Indoor/outdoor usage



TECHNICAL SPECIFICATIONS						
HEAT GENERATED (BTU/Hr)	400,000		1,200,000		950,000 Low Fire 2,200,000 High Fire	
FUEL	Vapor Propane/Natural Gas		Vapor Propane/Natural Gas		Vapor Propane/Natural Gas	
MIN/MAX INLET	—		1/10 PSI		—	
GAS CONSUMPTION	400 CFH NG, 4.4 GPH LP		1200 CFH NG, 13.2 GPH LP		24 GPH LP, 2200 CFH NG	
GAS CONNECTION	3/4" FNPT		1" FNPT		1 1/4" NPT LP, 1 1/2" NPT NG	
ELECTRICAL	120 Volts 8 Amps — —		230 Volts, 1 Phase, 27.6 Amp — —		1Ø 230 Volts 30 Amp 3Ø 208-230 Volts 20 Amp 3Ø 460 Volts 10 Amp	
FAN	1800 CFM		6000 CFM Max.		10500 CFM 5 HP 3" SP Belt Drive Impeller	
THERMOSTAT	On/Off		Setpoint Control		High-Low or Modulating	
TEMP RISE	300° F		210°F		390°F High 250°F Low	
SHIPPING DIM (inches)	54L X 25W X 29H		110L x 45W x 58H		96L x 44W x 53H	
WEIGHT (lbs)	184		1,000		800	
DUCT	Up to 32'		12" Dia., 300 ft max (straight)		Up to 300 ft	
MIN. TEMP	-30°F		—		—	
GAS SUPPLY	Inlet Pressure		Inlet Pressure		Inlet Pressure	
	Min W.C.	Max W.C.	Min	Max	Min W.C.	Max W.C.
	Propane	8"	14"	5 psi	10 psi	10"
Natural	8"	14"	20" W.C.	10 psi	10"	15"
MANIFOLD PRESSURE	—		—		Propane 1.4" w.c. Natural Gas 6.4" w.c.	

CAROLINA PORTABLE AIR® has the perfect portable heating, cooling and air cleaning solutions. Ask us about our other products. Call for pricing and lease-to-own programs.

Portable Heating, Venting and Drying Solutions



P1500

- ▶ Quiet and clean
- ▶ No by-products of combustion, so it's safe for many applications where air quality is of utmost concern
- ▶ Variable settings will conserve energy
- ▶ Does not add to relative humidity so it can be used to assist dry out applications
- ▶ Features an internal thermostat
- ▶ 20 ft. power cord
- ▶ Powder coat finish
- ▶ Can either heat or ventilate using just the fan
- ▶ UL Approved

P900

- ▶ Built-in thermostat (32° - 100° F)
- ▶ Overheat protection
- ▶ High quality sealed motor
- ▶ Stainless steel jacketed coils
- ▶ High quality sealed motor
- ▶ Stainless steel jacketed coils

P1800-1/P1800-3

- ▶ Built-in thermostat
- ▶ Direct wiring of power supply to terminal block
- ▶ Forced-air blower
- ▶ Overheat protection
- ▶ Rugged steel housing
- ▶ Cycles heater on/off automatically
- ▶ No need for expensive recepticals
- ▶ Circulates room air for efficient use of heated air
- ▶ Unit will safely shut down if blower is restricted
- ▶ Durability

P4000/P6000

- ▶ Built-in thermostat
- ▶ Direct wiring of power supply to terminal block
- ▶ Ductable
- ▶ Forced-air blower
- ▶ Overheat protection
- ▶ Rugged steel housing
- ▶ Cycles heater on/off automatically
- ▶ No need for expensive recepticals
- ▶ May be ducted up to 50 feet
- ▶ Circulates room air for efficient use of heated air
- ▶ Unit will safely shut down if blower is restricted
- ▶ Durability

TECHNICAL SPECIFICATIONS	P1500	P900	P1800-1/P1800-3	P4000/P6000
HEAT GENERATED (BTU/Hr)	5,100	30,700	Up to 65,000	P4000: Up to 136,500 / P6000: Up to 204,606
ELECTRICAL	120 Volts 15 amp circuit	240 Volts 38 amp circuit	240 Volts, 50 or 75 amp circuit	480 Volts, 50 or 75 amp circuit
KILOWATTS	15	9	18 / 12	P4000: 40 / 20 P6000: 60 / 24
VOLTS	120V	240V 1Ø	P1800-1: 240V 1Ø P1800-3: 240V 3Ø	480 Volts 3Ø
AMPS	15	38	P1800-1: 75/50 P1800-3: 50/34	P4000: 50 / 20 P6000: 70 / 30 (Max)
CFM	300	300	590	1800
TEMPERATURE RISE	—	100°F	100°F	100°F
THERMOSTAT	Adjustable	Adjustable	Adjustable	Adjustable
SHIPPING DIM. (inches)	13Lx 7.5W x 11H	22L x 18W x 12H	30L x 14W x 20H	45L x 19W x 25H
WEIGHT (lbs)	15	48	62	P4000: 130 P6000: 158



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Proudly Made in USA