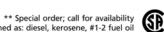


## Portable Heating, Venting and Drying Solutions





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\*Oil is defined as: diesel, kerosene, #1-2 fuel oil

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FAN

Natural



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7'



## Portable Heating, Venting and Drying Solutions



## 1800B / 1800BL

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**DIRECT-FIRED HEATERS** 

- Efficient motor reduces amp draw and is rated to run on standard 15 amp circuit
- Remote (50' long) thermostat with High/Low/Off control
- 12" wheels for easy handling Relays pull in and hold tight down to
- 95V Ductable up to 50 ft.
- Upgraded heater control board · Starts heater with low voltage down to 95V
- · Potted control board minimizes moisture and vibration
- Diagnostic troubleshooting lights



### S1505B

- Efficient motor reduces amp draw and is rated to run on standard 15 amp circuit.
- Remote (15' long) thermostat with High/Low/Off control.
- Relays pull in and hold tight down to 50V.
- Upgraded heater control board · Starts heater with low voltage
- down to 95V Built-in diagnosticsRuns stable when voltage drops
- down to 83V · Potted control board minimizes
- moisture and vibration Rated to -40°F



## 2730C

- Safe fuel shutdown if combustion air • is interrupted Low housing temperature
- May be ducted up to 200 feet
- Safe monitoring of combustion, twotrial electronic ignition with 20-second pre-purge time delay and 7-second shutdown
- Direct wire with easy, safe 100% power shut off
- Protects heater by shutting down if unit is being overfired
- Helps in diagnosing specific gas flow problems Protects heater by shutting down if
- voltage is too low Easy monitoring of control voltage to
- ensure trouble-free operation Automatically cycles the heater high on/off



## 3050C

- Safe fuel shutdown if combustion air is interrupted Low housing temperature
- May be ducted up to 300 feet
- Safe monitoring of combustion, two-• trial electronic ignition with 20-second pre-purge time delay and 7-second shutdown
- Direct wire with easy, safe 100% power shut off
- Protects heater by shutting down if unit is being overfired
- Helps in diagnosing specific gas flow problems
- Protects heater by shutting down if voltage is too low Easy monitoring of control voltage to
- ensure trouble-free operation Automatically cycles the heater high on/off

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TECHNICAL SPECIFICATION	S			
HEAT GENERATED (BTU/Hr)	250,000 - 750,000	850,000 - 1,500,000	2,000,000	3,500,000
FUEL	-	Vapor Propane/Natural Gas	Vapor Propane/Natural Gas	Natural Gas/Vapor Propane
GAS CONSUMPTION	Vapor Propane (1800BL) Natural Gas (1800B)	16.4 GPH Propane/1500 CFH NG —	21.9 GPH LP 2000 CFH NG	Liquid Propane 14.32-44.0 GPH NATURAL GAS 870-4000 CFH
GAS CONNECTION	3/4" FNPT	1 1/4" FNPT	<u> </u>	1" FNPT
ELECTRICAL	120 Volts 15 amp circuit — —	120 Volts 15 amp circuit — —	240V 10 30 Amp 208-240V 30 30 Amp 480V 30 10 Amp	240V 1Ø 19.6 Amp Nominal 240V 3Ø 13.6 Amp Nominal 480V 3Ø 6.7 Amp Nominal
FAN	4200 CFM 1 HP	7000 CFM 1 HP —	12,500 CFM 3.0 HP 2" Static Pressure	16,000 CFM 5.0 HP 3" Static Pressure
THERMOSTAT	2 Stage High/Low/Off w/50' Remote	2 Stage High/Low/Off w/15' Remote	High - Low	High - Low
SETTING RANGE	-		110°F - 30°F	_
TEMP RISE	385°F	490°F	220°F	200°F
SHIPPING DIM. (inches)	31.5H X 48.5L X 26W	69L X 32W X 41.5H	72L X 32W X 46H	73L X 41W X 44H
WEIGHT (lbs)	200	300	440	460
GAS SUPPLY	Inlet Pressure Min PSI	Inlet Pressure Manifold Pressure Max W.C. Min W.C. Max W.C. Min W.C.	Inlet Pressure Max PSI Min PSI	Inlet Pressure Max PSI Min PSI
Propane Natural	5 5	14" 9" 2.7" 0.75" 14" 9" 7.2" 2.0"	250 10	250 10 — —



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# Portable Heating, Venting and Drying Solutions





Safe fuel shutdown if combustion air is interrupted

4210C\*\* / 4215C\*\* /4220C\*\*

- May be ducted up to 400 feet
- Safe monitoring of combustion, two-trial electronic ignition with 20-second pre-purge time delay and 7-second shutdown
- Direct wire with easy, safe 100% power shut off
- Protects heater by shutting down if unit is being overfired
- Helps in diagnosing specific gas flow problems
- Protects heater by shutting down if voltage is too low
  Easy monitoring of control voltage to ensure trouble-free operation
- Easy monitoring of control voltage to
  Automatically cycles the heater on/off
- Automatically cycles the r
  Indoor/outdoor usage

BENEFITS

- FEATURES
- Air flow switch
- Ductable
- Flame safeguard control
- Fused disconnect switch
- High limit switch
- Manifold pressure gauge
- Motor overload manual reset
- Panel mounted voltage meter
  Remote thermostat
- Weather sealed control box

TECHNICAL SPECIFICATIONS	4210C**	4215C**	4220C**	
HEAT GENERATED (BTU/Hr)	5,000,000	6,000,000	7,000,000	
FUEL	Vapor Propane, Natural Gas	Vapor Propane/Natural Gas	Vapor Propane/Natural Gas	
GAS CONSUMPTION	54.6 GPH LP, 5000 CFH NG	65.6 GPH LP, 6000 CFH NG	76.5 GPH LP, 7000 CFH NG	
GAS CONNECTION	1/2" NPT	1/2" NPT	1/2" NPT	
MANIFOLD PRESSURE	15 PSI	15 PSI	15 PSI	
ELECTRICAL	240V 1Ø 60A,240V 3Ø 40A	240V 3Ø 50A,480V 3Ø 30A	240V 3Ø 60A,480V 3Ø 40A	
FAN	27,500 CFM 10-HP	33,500 CFM 15-HP	40,100 CFM 20-HP	
THERMOSTAT	High - Low	High - Low	High - Low	
TEMP RISE	385°F	490°F	220°F	
SHIPPING DIM. (inches)	99L X 64W X 78H	99L X 64W X 78H	99L X 64W X 78H	
WEIGHT(lbs)	1140	1250	1350	
INLET PRESSURE	Max PSI Min PSI 250 10	Max PSI Min PSI 250 10	Max PSI Min PSI 250 10	



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