

## Portable Heating, Venting and Drying Solutions



### HV F110

- ▶ High pressure operation
- ▶ Four-loop exhaust gas system™ for higher efficiency
- ▶ Output temperature 160°F
- ▶ Extra large fuel tanks for extended run times
- ▶ Runs on #1 or #2 diesel, kerosene, JP-8 or Jet A
- ▶ Low power consumption-runs on 15 amp circuit
- ▶ "One Man" maneuverability



### HV F210

- ▶ High pressure operation
- ▶ Four-loop exhaust gas system™ for higher efficiency
- ▶ Output temperature 160°F
- ▶ Extra large fuel tanks for extended run times
- ▶ Runs on #1 or #2 diesel, kerosene, JP-8 or Jet A
- ▶ Low power consumption-runs on 15 amp circuit
- ▶ "One Man" maneuverability



### HV F310

- ▶ High pressure operation
- ▶ Four-loop exhaust gas system™ for higher efficiency
- ▶ Output temperature 160°F
- ▶ Extra large fuel tanks for extended run times
- ▶ Runs on #1 or #2 diesel, kerosene, JP-8 or Jet A
- ▶ Low power consumption-runs on 15 amp circuit
- ▶ "One Man" maneuverability



### HV F410HD

- ▶ Dual output controls ( 272,000-412,000 BTU)
- ▶ Extra large fuel tank, 57 gallons
- ▶ Continuous run time over 30 hrs on low (20 hours on high)
- ▶ Ductable up to 60'
- ▶ Capable of recirculation operation for improved fuel savings
- ▶ Preheated fuel filter for reliable cold starting

#### TECHNICAL SPECIFICATIONS

FUEL	Oil*	Oil*	Oil*	Oil*
POWER (V)	120	120	120	120
CFM	1,020	1,530	2,500	3,250
WEIGHT (lbs)	142	220	297	456
HEAT INPUT (Btu/Hr)	110,000	205,000	300,000	272,000 - 412,000
OUTPUT (CFM)	880	1,530	2,500	3,250
DUCT LENGTH (ft)	25	50	50	60
HEAT OUTPUT (Btu/Hr)	91,900	174,900	254,400	231,000 - 354,000
FUEL CONSUMPTION (Gal/Hr)	.80	1.48	2.28	2.89/1.86
POWER SUPPLY	120V	120V	120V	120V
FLUE DIAMETER (inches)	6	6	6	6
TANK CAPACITY (Gallons)	17.2	27.7	35.7	57
RUN TIME PER FULL TANK (Hours)	22	19	16	30
HEATER DIMENSIONS (inches)	49L x 20W x 31H	57L x 23W x 38H	69L x 28W x 38H	83L x 33W x 48H
HEATER WEIGHT (lbs - no fuel)	100	180	270	507
WARRANTY	1 Year	1 Year	1 Year	1 Year
PHOTOELECTRIC FLAME SENSOR	Standard	Standard	Standard	Standard
OVERHEAT SWITCH PROTECTION	Standard	Standard	Standard	Standard
AIR PRESSURE SWITCH	Standard	Standard	Standard	Standard
PREHEATED FUEL FILTER	—	Standard	Standard	Standard
DUCT DIAMETERS (inches)	12	14/12	18/12	20/16

\*Diesel, kerosene, or #1-2 fuel oil



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# Portable Heating, Venting and Drying Solutions



## Thaw Devil

- ▶ Thaws up to 9,000 sq. feet
- ▶ Thaws up to 1 foot deep per day
- ▶ Cures up to 12,000 sq. feet
- ▶ CSA Certified in USA and Canada
- ▶ Heating System is low pressure and atmospherically vented


TECHNICAL SPECIFICATIONS	
<b>HEATING UNIT</b>	
INPUT (BTU/Hr)	420,000
FUEL	#1 Fuel Oil or Diesel (Winter Blend)
RATED EFFICIENCY	85%
FUEL CONSUMPTION (Gallons per hr)	3
FUEL TANK CAPACITY (Gallons)	130 (up to 90 hrs.)
ELECTRICAL REQUIREMENTS	230 Volt 1ph 60 Hz, 30 amp circuit
TEMPERATURE RANGE	120°F to 200°F
HTF VOLUME (Gallons)	25
<b>HEAT TRANSFER SYSTEM</b>	
FLUID	Non- toxic propylene glycol/water mix
CIRCULATION HOOK-UP	Single supply and return
CIRCULATION SYSTEM	1 1/4" x 50' fluid circulation line with ball valves and Kamlock quick couplers
CIRCULATION PUMP (hp)	1
<b>HOSE REEL</b>	
ROTATION SPEED	0-20 RPM, Forward, Stop, Reverse
ACTIVATION	Foot switch, auto-feed switch
POWER REQUIREMENTS	115 VAC, 15 Amp fuse
MOTOR (hp)	1
HEAT TRANSFER HOSE (ft)	3,000 / 6,000 Available (750' Loops)
<b>TRAILER</b>	
SPECIFICATIONS (lbs)	GVWR 13,860
GENERATOR	Optional, 240V, 6KW Cont. Power, (REC)
TOTAL WEIGHT PACKAGE (lbs)	12,600
DIMENSIONS (inches)	285L x 94W x 104H



## VF900SC Dragon Wagon

- ▶ Reliable Riello burner
- ▶ Remote thermostat with 50' cord
- ▶ 280 gallon fuel cell with immersion heater
- ▶ Long lasting stainless steel combustion chamber
- ▶ Convenient duct storage
- ▶ Ductable up to 300 ft.
- ▶ 100% dry heat, clean of combustion by-products
- ▶ Over 40 hours operating time

TECHNICAL SPECIFICATIONS	
<b>HEATER</b>	
INPUT (BTU/Hr)	900,000
FUEL	#1 or #2 Diesel, Kerosene
FUEL CONSUMPTION (Gallons per hr)	6.64
ELECTRICAL	240 Volts 20 amp circuit
FAN	8,830 CFM, 4" S.P
THERMOSTAT	Standard On/Off
TEMP RISE	120°F @ 0°F Ambient
RATED EFFICIENCY	85%
DUCT SIZE (inches)	2 - 20
<b>GENERATOR SET</b>	
MODEL	Multiquip DA7000 SSA
MAX POWER	7kW
CONTINUOUS POWER	6kW
ELECTRICAL	3600 RPM, 60 Hz AC
ENGINE	Kubota 2 Cylinder
COOLING	Liquid
UPTIME TRACKING	Hour Meter
<b>DOT-APPROVED TRAILER WITH FRONT SCREW JACK</b>	
AXLE	2 x 3,500 lbs Dual Axle
TIRES (inches)	4 x 15
BRAKES	Electric
TOWING	Safety Chains, 2" Trailer Ball
FUEL CELL	280 gallon with 100 Watt Immersion Heater
DIMENSIONS	19' x 6'8" x 9'5"
EMPTY WEIGHT (lbs)	3,480 lbs

\*Diesel, kerosene, or #1-2 fuel oil 

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## Portable Heating, Venting and Drying Solutions



### VG175

- ▶ 100% clean, dry heat
- ▶ Dual fuel - switch from propane to natural gas in minutes
- ▶ Approved for indoor/outdoor applications
- ▶ Ductable to 25 ft.
- ▶ Remote thermostat with 15 ft. cord
- ▶ Compact design fits through standard doorway
- ▶ Whisper quiet blower



### VG400 / VF400

- ▶ 100% clean, dry heat.
- ▶ Approved for indoor/outdoor applications.
- ▶ Ductable to 50ft. (VF400) and 200ft. (VF1000)
- ▶ Remote thermostat with 15' cord.
- ▶ Compact design fits through standard doorway.
- ▶ Large capacity fuel tanks (optional).
- ▶ In-line fuel circulation heater ensures smooth start-up. (Tested to -20°F)



### VG500

- ▶ Versatility of dual fuel - natural gas and propane
- ▶ Remote thermostat
- ▶ Wheels for easy portability
- ▶ Long lasting stainless steel combustion chamber
- ▶ "Whisper quiet" centrifugal fan
- ▶ Ideal for greenhouses and large premises
- ▶ Ductable to 200 ft.
- ▶ 100% dry heat, clean of combustion by-products



### VF700C / VG700C

- ▶ Reliable Riello burner
- ▶ Remote thermostat
- ▶ Wheels for easy portability
- ▶ Long lasting stainless steel combustion chamber
- ▶ High performance axial fan
- ▶ Ductable to 200 ft.
- ▶ 100% dry heat, clean of combustion by-products
- ▶ Versatility of dual fuel - natural gas and propane (VG700C)

#### TECHNICAL SPECIFICATIONS

	175,000	400,000	500,000	700,000
<b>INPUT (BTU/Hr)</b>	175,000	400,000	500,000	700,000
<b>FUEL</b>	Vapor Propane/Natural Gas	Vapor Propane/Natural Gas (VG400) #1 or #2, Kerosene, Diesel or Fuel Oil (VF400)	Vapor Propane/Natural Gas	#1 or #2 Diesel, Kerosene (VF700C) Vapor Propane/Natural Gas (VG700C)
<b>FUEL CONSUMPTION (Gallons per hr)</b>	—	—	—	5 (VF700C) — (VG700C)
<b>GAS CONSUMPTION (Gallons per hr)</b>	1.9 Propane/175 CFH NG	4.4 Propane/400 CFH NG (VG400) 3.0 (VF400)	5.5 Propane/500 CFH NG	— (VF700C) 7.7 PROPANE/700 CFH NG (VG700C)
<b>GAS CONNECTION</b>	3/4" FNPT	3/4" FNPT (VG400) — (VF400)	1" FNPT	— (VF700C) 1" FNPT (VG700C)
<b>GAS SUPPLY</b>	Inlet Pressure* Propane 14" Max W.C. 9" Min W.C. Natural 14" Max W.C. 9" Min W.C.	Inlet Pressure* 14" Max W.C. (VG400) 9" Min W.C. (VG400) 14" Max W.C. (VG400) 9" Min W.C. (VG400)	Inlet Pressure* Manifold Pressure 14" Max W.C. 9" Min W.C. 3.6" W.C. 14" Max W.C. 9" Min W.C. 6.1" W.C.	— — —
<b>ELECTRICAL</b>	120 Volts 15 amp circuit	120 Volts 20 amp circuit	240 Volts 15 amp circuit	240 Volts 15 amp circuit
<b>FAN</b>	1,400 CFM 1/2" SP	2,100 CFM 1/2" SP	6,475 CFM 2.05" W.C. SP	7,420 CFM 2" W.C. SP
<b>THERMOSTAT</b>	Standard On/Off	Standard On/Off	Standard On/Off	Standard On/Off
<b>TEMP RISE</b>	200°F @ 0°F Ambient	200°F @ 0°F Ambient	72°F @ 0°F Ambient	120°F @ 0°F Ambient
<b>RATED EFFICIENCY</b>	80%	80%	80%	85%
<b>DUCT SIZE (inches)</b>	8 (up to 25' straight)	12 Dia. (up to 50' straight)	21 (up to 200' straight)	24 (up to 200' straight)
<b>SHIPPING DIM (inches)</b>	43L x 15W x 38H	60L x 24W x 45H	90L x 40W x 60H	79L x 29W x 51H
<b>WEIGHT (lbs)</b>	186	400	650	550

\*Minimum inlet pressure is for input adjustment



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# Portable Heating, Venting and Drying Solutions



### VF900C / VF900SC

- ▶ Reliable Riello burner
- ▶ Remote thermostat
- ▶ Wheels for easy portability
- ▶ Long lasting stainless steel combustion chamber
- ▶ High performance axial fan or high static centrifugal blower (VF900C)
- ▶ Ductable to 200 ft. or 400 ft. (VF900C)
- ▶ 100% dry heat, clean of combustion by-products
- ▶ Available with 225 gallon fuel cell

### VG1000 / VF1000

- ▶ 100% clean, dry heat
- ▶ Approved for indoor/outdoor applications
- ▶ Ductable to 50ft. (VF400) and 200ft. (VF1000)
- ▶ Remote thermostat with 15' cord
- ▶ Compact design fits through standard doorway
- ▶ Large capacity fuel tanks (optional)
- ▶ In-line fuel circulation heater ensures smooth start-up. (Tested to -20°F)

### SVG1500\*\*

- ▶ Versatility of dual fuel - natural gas and propane
- ▶ Compact design uses less space both on the job and during off-season storage
- ▶ Long life stainless steel heat exchanger
- ▶ 3-stage remote thermostat control conserves fuel
- ▶ High fuel efficiency
- ▶ Large volume blower with 2" static pressure

TECHNICAL SPECIFICATIONS	
INPUT (BTU/Hr)	900,000
FUEL	#1 or #2 Diesel, Kerosene
FUEL CONSUMPTION (Gallons per hr)	6.64
GAS CONSUMPTION	—
GAS CONNECTION	—
ELECTRICAL	240 Volts 20 amp circuit 7KW Generator Set (VF900SC)
FAN	8,830 CFM
THERMOSTAT	Standard On/Off
TEMP RISE	120°F @ 0°F Ambient
RATED EFFICIENCY	85%
DUCT SIZE (inches)	2 - 20
SHIPPING DIM	95"L x 38"W x 61"H (VF900C) 114"L x 38"W x 61"H (VF900SC)
WEIGHT (lbs)	793 (VF900C) 815 (V900SC)

TECHNICAL SPECIFICATIONS		
INPUT (BTU/Hr)	1,000,000 BTU/Hr	1,500,000/ 1,100,00 BTU/Hr
FUEL	Vapor Propane/Natural Gas (VG1000) #1 or #2, Kerosene, Diesel or Fuel Oil (VF1000)	Vapor Propane/Natural Gas
FUEL CONSUMPTION (Gallons per hr)	5.5 Propane/500 CFH NG (VF1000)	—
GAS CONSUMPTION	11 GPH PROPANE/1000 CFH NG (VG1000) 7.2 GPH (VF1000)	16.4 GPH PROPANE/1,500 CFH NG
GAS CONNECTION	1-1/4" FNPT (VG1000)	1-1/2" FNPT
GAS SUPPLY	Inlet Pressure* Propane 14" Max W.C. (VG1000) 9" Min W.C. (VG1000) Natural 14" Max W.C. (VG1000) 9" Min W.C. (VG1000)	Inlet Pressure* 5 Max PSI 12" Min W.C 5 Max PSI 12" Min W.C
ELECTRICAL	240 Volts 1ø 30 amp circuit	208/230/460 Volts 3ø/30/15 amp circuit (3ø) 208/230 Volts 5ø/51 amp circuit (1ø)
FAN	4,075 CFM 2.0" SP	7,272 CFM
THERMOSTAT	Standard On/Off	3 Stage Hi/Lo/Off
TEMP RISE	200°F @ 0°F Ambient	171°F @ 0°F Ambient
RATED EFFICIENCY	80%	80%
DUCT SIZE (inches)	20 Dia. (up to 200' straight)	24 x 24
SHIPPING DIM (inches)	120L x 31.5W x 54H	114L x 32.5W x 77.5H
WEIGHT (lbs)	1,300	1,875

\*Minimum inlet pressure is for input adjustment  
\*\* Special order; call for availability



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