

## 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)



INDIRECT-FIRED HEATERS

TECHNICAL SPECIFICATIONS							
INPUT (BTU/Hr)	175,000		400,000		500,000		700,000
FUEL	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)
FUEL CONSUMPTION (Gallons per hr)	—		—		—		5 (VF700C) — (VG700C)
GAS CONSUMPTION (Gallons per hr)	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)
GAS CONNECTION	3/4" FNPT		3/4" FNPT (VG400) — (VF400)		1" FNPT		— (VF700C) 1" FNPT (VG700C)
GAS SUPPLY	Inlet Pressure*		Inlet Pressure*		Inlet Pressure*    Manifold Pressure		—
Propane	14" Max W.C.	9" Min W.C.	14" Max W.C. (VG400)	9" Min W.C. (VG400)	14" Max W.C.	9" Min W.C.	3.6" W.C.
Natural	14" Max W.C.	9" Min W.C.	14" Max W.C. (VG400)	9" Min W.C. (VG400)	14" Max W.C.	9" Min W.C.	6.1" W.C.
ELECTRICAL	120 Volts 15 amp circuit		120 Volts 20 amp circuit		240 Volts 15 amp circuit		240 Volts 15 amp circuit
FAN	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
THERMOSTAT	Standard On/Off		Standard On/Off		Standard On/Off		Standard On/Off
TEMP RISE	200°F @ 0°F Ambient		200°F @ 0°F Ambient		72°F @ 0°F Ambient		120°F @ 0°F Ambient
RATED EFFICIENCY	80%		80%		80%		85%
DUCT SIZE (inches)	8 (up to 25' straight)		12 Dia. (up to 50' straight)		21 (up to 200' straight)		24 (up to 200' straight)
SHIPPING DIM (inches)	43L x 15W x 38H		60L x 24W x 45H		90L x 40W x 60H		79L x 29W x 51H
WEIGHT (lbs)	186		400		650		550

\*Minimum inlet pressure is for input adjustment



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## Portable Heating, Venting and Drying Solutions



INDIRECT-FIRED HEATERS

### 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 (VF900SC)

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*	Inlet Pressure*
Propane	14" Max W.C. (VG1000) 9" Min W.C. (VG1000)	5 Max PSI 12" Min W.C
Natural	14" Max W.C. (VG1000) 9" Min W.C. (VG1000)	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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