



Versa-Flame Heating Appliance

JOB NAME:

LOCATION:

ARCH./ENGR.:

WHOLESALER:

MECH. CONTRACTOR:

MODEL NUMBER:

TYPE OF GAS:

BTU/HR INPUT LOW - HIGH FIRE:

NOTES:

High Efficiency Combustion Heat Exchanger

- Copper Nickel primary with 800 H and Copper Nickel secondary tube construction
- Gasketless heat exchanger design

Stainless Steel Buffer Tank with Built-in Dirt and Air Separation

- Tank construction of 304 L stainless steel
- System return tube with screen for dirt and air separation
- 1 ¼" system return and supply connection
- Pressure relief port
- Top and bottom sensor
- Built-in low water cut-off probe

Combustion System

- Modulating burner with up to 5 to 1 turndown
- 94% thermal efficiency (All Models)
- High-Grade Inconel premix burner
- Spark ignition
- Fires on Natural or LP Gas with included conversion kit
- Dual flame monitoring (Spark and Flame probe)
- Flame stabilization monitoring – Automatic adjustment of firing rate to stabilize flame signal

Integrated Control System

- Digital operating control with LCD display three character for temperature and system monitor - LCD indicators for appliance faults (red light) and operation (green light)
- System parameters password protected
- Outdoor reset
- Multiple 120 volt 3 amp pump outputs – boiler, indirect, and system pump
- 0-10 volt input from a building management system
- Outdoor sensor input
- Cascade up to 8 units
- Computer monitor cable allows user to monitor system parameters – fault history – system operation

Domestic Hot Water Module

- Integrated counter flow stainless steel brazed plate heat exchanger
- Built-in flow switch activates the circulator at .5 gpm domestic flow
- Circulator assures maximum heat exchanger performance
- Mixing valve provides accurate temperature control
- Module shipped pre-wired and piped

Additional Features

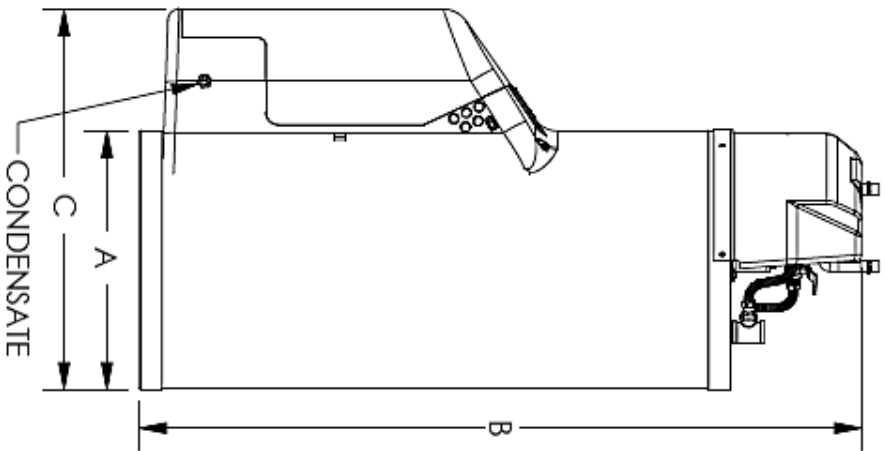
- 12 year limited warranty
- Vents in PVC - CPVC - stainless steel – ULC S636 flexible polypropylene vent liner (chimney lining only)
- Field wiring connection board / Removal low voltage connector / Cascade wiring CAT 3 or 5
- Built –in condensation system
- Manual reset high limit
- Dry contact for alarm output

Optional Equipment

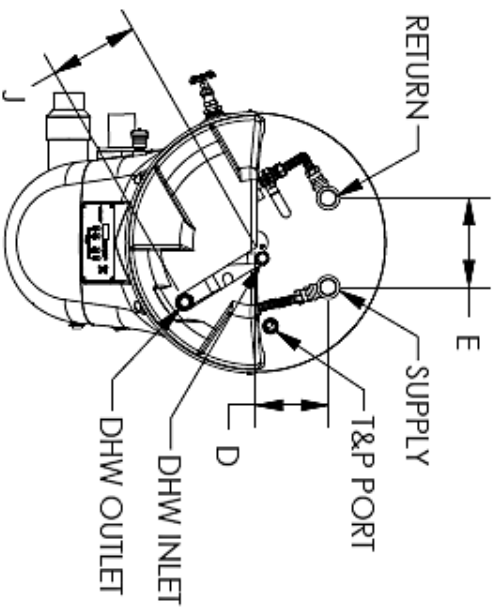
- Outdoor Sensor (Part # 7250P-319)
- System Sensor (Part # 7250P-324)
- 2" PVC Concentric Vent Kit (Part # KGAVT0501CVT)
- 3" PVC Concentric Vent Kit (Part # KGAVT0601CVT)
- 2" Stainless Steel Outside Termination Vent Kit (Part # V500)
- 3" Stainless Steel Outside Termination Vent Kit (Part # V1000)
- 4" Stainless Steel Outside Termination Vent Kit (Part # V3000)
- Condensate Neutralizer (Part # 7450P-212)
- U.L. 353 Compliant Low Water Cut-Off Interface Kit w/ Manual Reset (Part # 7450P-225)
- Alarm System to monitor any failure (Part # 7350P-602)
- PC Connection Cable w / Software (Part # 7350P-320)

VERSA-FLAME

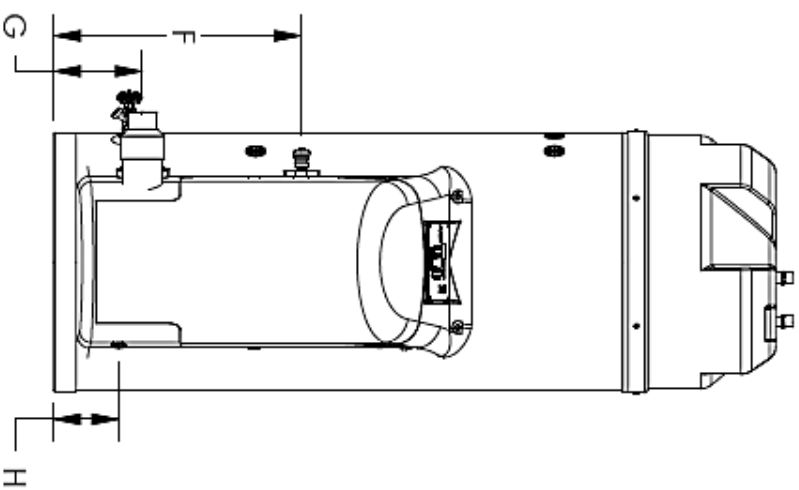
SIDE VIEW



TOP VIEW



FRONT VIEW



VERSA-FLAME										
MODEL #	GALLONS	A	B	C	D	E	F	G	H	J
PHR130-55C	55	23"	64-1/2"	34"	6-1/2"	8"	22"	8"	6"	1-1/2"
PHR160-55C										
PHR199-55C										

LP-325-L
11/18/11

VERSA-FLAME SPECIFICATIONS

PHR130-55C	35,000 - 130,000	2"	1" NPT	1-1/4" FNPT	1/8" NPT	3/4"	3/4" MNPT	310 LBS
PHR160-55C	40,000 - 160,000	3"						
PHR199-55C	40,000 - 199,000	3"						