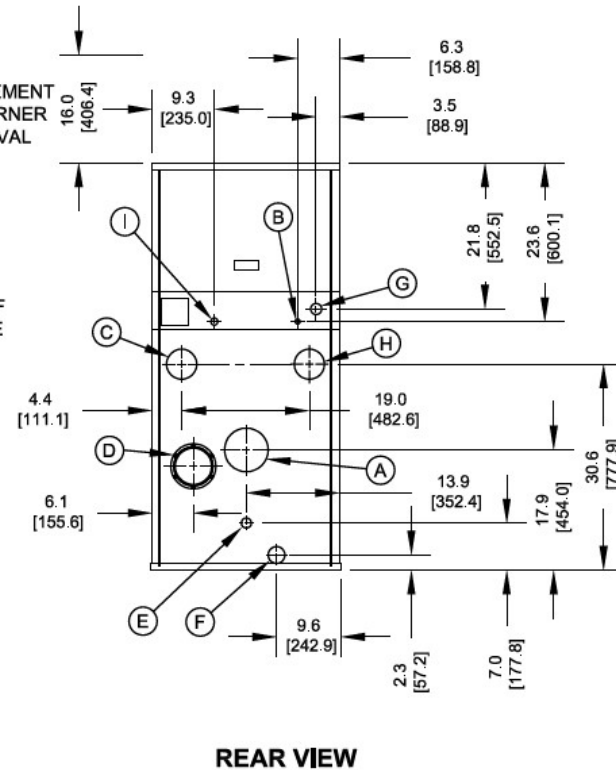
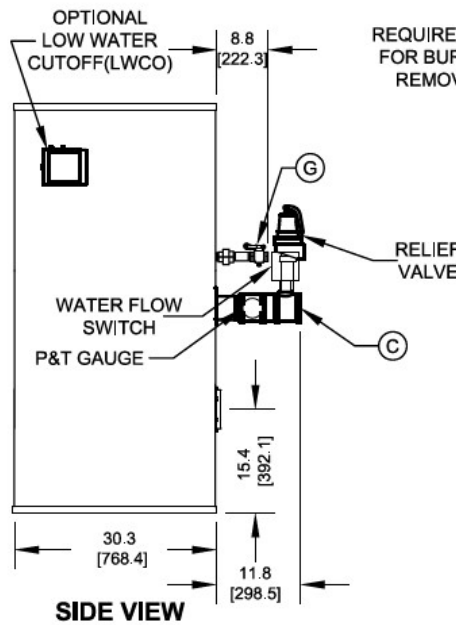
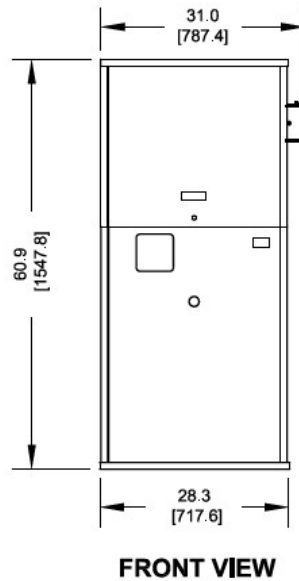


Submittal Data Sheet



KEY	DESCRIPTION	
A	Flue Outlet	4" [101.6] Diameter (AL29-4C SS)
B	Factory Installed Pilot Gas Li	1/4" [6.4] O.D. Tube
C	Water Supply to System	3" NPT
D	Inlet Air	6" [152.4] Diameter
E	Drain, Startup Condensate	5/8" [15.9] O.D. Tube SS
F	Appliance Drain	1" NPT
G	Gas Supply	1" NPT
H	Water Return from System	3" NPT
I	Optional Gas Train Vent	3/4" NPT (D.B.&B & D.B.&B w/ POC Only)

NOTES:

1. SEE O&M FOR REQUIRED INSTALLATION CLEARANCES.
2. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
3. DIMENSIONS ENCLOSED IN [] ARE IN MM.

Submittal Data Sheet

RATINGS AND CAPACITIES

Input (MBH):	750,000	BTU/HR
Output (MBH):	660,000	BTU/HR
Boiler Horsepower:	19.7	BTU/HR
Thermal Efficiency:	88.0%	BHP
Heating Surface:	131	Sq.Ft.
Water Content:	15.9	Gallons
Fuel:	Natural Gas or LP Gas	
Firing Rate:	Reliable Modulation	
Burner Turndown:	3:1	
Low NOx Emissions:	<10 ppm	
Inlet Gas Pressure (NG):	See Chart at right	
Inlet Gas Pressure (LP):	See Chart at right	

* This data supercedes data found on Table 3 of I&O Manual, per PRODUCT UPDATE issued June 6, 2024.

Shipping Weight, Approximate: **1,097** lbs

ASME Section IV (Max 160 PSIG / 210°F)

Setpoint range is 145-190°F

Adjustable, manual reset high limit setting of ≤ 200°F.

ASME HLW stamp MAWT is 210°F for the vessel. (For max setpoint, see Setpoint range.)

UL Certified to ANSI Z21.10.3/CSA 4.3



DIMENSIONS / CONNECTIONS

Height:	60 15/16"	(Note 1)
Width:	28 3/8"	(Note 2)
Length:	30 3/8"	(Note 3)
Supply Connection:	3"	
Return Connection:	3"	
Vent / Air Intake Connections:	4" Vent	6" Intake
Condensate / Appliance Drain Connection:	5/8" Condensate Tube	1" NPT Drain
Gas Connection:	1"	

NOTES:

1. Height dimension is from floor to top of jacket.

2. Length is from jacket front to jacket rear.

3. Dimensions shown are for reference only

FLows AND PRESSURE DROPS

Delta T	Flow (GPM)	ΔP (Ft. Hd)
20°F ΔT	62 (Max)	1.81
40°F ΔT	31 (Min)	0.46

Electrical Supply Options

☐	120v/60hz/1ph (Standard)	7.5 amps
☐	208v/60hz/1ph	6.6 amps
☐	230v/60hz/1ph	6.4 amps
☐	208v/60hz/3ph	6.0 amps
☐	230v/60hz/3ph	6.0 amps
☐	460v/60hz/3ph	3.0 amps

Blower Motor (hp)

1-1/2

Relief Valve Options

☐	125 psi (STANDARD)
☐	150 psi (OPTIONAL)

Inlet Gas Pressure

SIZE	Nat. Gas Min. ("w.c.)	LP Min. ("w.c.)	Max
500	5.0" w.c.	8.0" w.c.	14.0" w.c.
750	7.0" w.c.*		
1000	7.0" w.c.*		
1500	7.0" w.c.*		
2000	9.0" w.c.*	9.0" w.c.	
2000s	7.0" w.c.	8.0	
2500	6.0" w.c.		
3000	6.0" w.c.		

* NOTE: Optional natural gas train with 4" w.c. minimum inlet gas pressure
ONLY AVAILABLE on sizes 750, 1000, 1500 & 2000.



OPTIONAL EQUIPMENT

	<u>3-Year</u>	<u>5-Year</u>	<u>10 Year</u>
<u>Parts Only</u>	☐	☐	☐
<u>Parts and Labor</u>	N/A	☐	☐