RATINGS & CAPACITIES



Input: 750 MBH Gross Output: 621 MBH Net AHRI Rating: 540 MBH

18.55 B.H.P. (182.0 kW)

Fuel: Natural Gas or Propane Inlet Gas Pressure (NG): 5 PSI Max. Inlet Gas Pressure (LP): 2 PSI Max. (NG/LP): 7" W.C. Min.

Operating Weight: 1,230 Lbs. (557.9 kg)

ELECTRICAL SUPPLY OPTIONS		
120v/1ph/60hz:	7.5 Amps	
208v/1ph/60hz:	6.6 Amps	
230v/1ph/60hz:	6.4 Amps	
208v/3ph/60hz:	6.0 Amps	
230v/3ph/60hz:	6.0 Amps	
460v/3ph/60hz:	3.0 Amps	

ASME DESIGN DATA

Max. 160 PSIG & 250°F

TRIM & CONTROLS

High Temperature Limit RWF55

Flame Safeguard High/Low Gas Press Switches Modulating Gas Valve

Pilot/Leak Test Cocks Operating Control Combustion Air Switch Blower Motor, 1-1/2 HP Press. & Temp. Gauge

Pilot Gas Valve

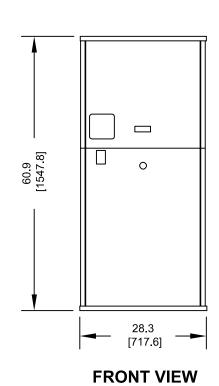
Pilot Gas Regulator

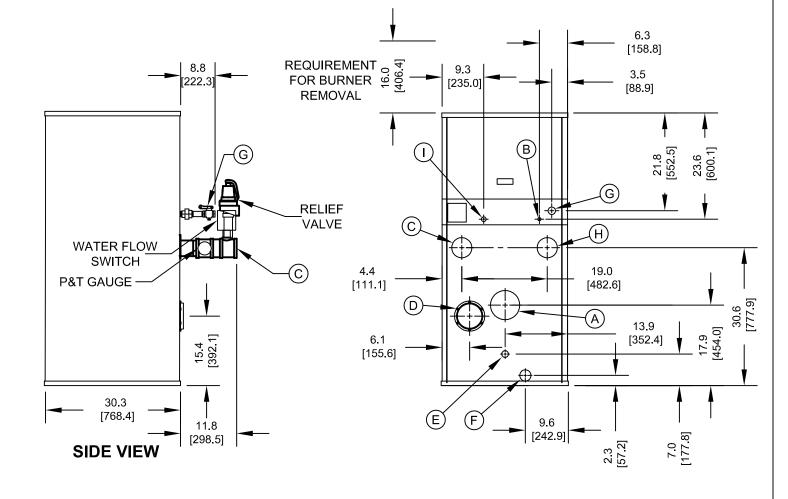
Water Flow Switch Relief Valve

LWCO **VFD**

NOTES:

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





REAR VIEW

DOUBLE BLOCK & BLEED(D.B.&B.) GAS TRAIN OPTION

The following components are included in addition to above items when this option is used. (1) Motorized Gas Valve, (1) Solenoid Gas Valve

N.O. Vent Valve

D.B.&B. W/ P.O.C. GAS TRAIN OPTION

The following components are included in addition to above items when this option is used.

(2) Motorized Gas Valves With Proof Of Closure switches Flame Safeguard that recognizes proof of closure valves. N.O. Vent Valve

	CONNECTION	DESCRIPTION
_	COMMECTION	DESCRIPTION
N	A	FLUE OUTLET, 4" [101.6] DIAMETER (AL29-4C SS)
	В	GAS PILOT, 1/4" [6.4] O.D. TUBE
	\bigcirc	WATER SUPPLY TO SYSTEM, 3" NPT
	D	INLET AIR, 6" [152.4] DIAMETER
	E	DRAIN, CONDENSATE, 5/8" [15.9] O.D. TUBE
	F	DRAIN, BOILER, 1" NPT
s	(G)	GAS SUPPLY, 1" NPT
3.	H	WATER RETURN FROM SYSTEM, 3" NPT
		GAS VENT, 3/4" NPT (D.B.&B. & D.B.&B. w/POC ONLY)
		GAS VENT, 3/4" NPT (D.B.&B. & D.B.&B. W/POC ONLY)





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