RATINGS & CAPACITIES

Input: 1,000 MBH
Gross Output: 819 MBH
Net AHRI Rating: 712 MBH

24.5 B.H.P. (240.0 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: 1,322 Lbs. (600 kg)

ELECTRICAL SUPPLY OPTIONS

120v/1ph/60Hz: 7.5 Amps
208v/1ph/60Hz: 6.8 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: TSB(CEV ONLY)
Flame Safeguard: RWF40(EVA ONLY)
High/Low Gas Press Switches: Pilot Gas Valve
Modulating Gas Valve: Pilot Gas Regulator
Operating Control: Pilot/Leak Test Cocks
Blower Motor, 1-1/2 HP: Combustion Air Switch
Water Flow Switch: Press. & Temp. Gauge
LWCO: Relief Valve
VFD

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

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

CONNECTION

(A) FLUE OUTLET, 6" [152.4] DIAMETER (AL29-4C SS)
(B) GAS PILOT, 1/4" [6.4] O.D. TUBE
(C) 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
(G) GAS SUPPLY, 1 1/2" NPT
(H) WATER RETURN FROM SYSTEM, 3" NPT
(I) GAS VENT, 3/4" NPT (D.B.&B. & D.B.&B. w/POC ONLY)

EVA/EVS-1000 BOILER

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