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

ELECTRICAL SUPPLY OPTIONS

120v/1ph/60hz: N/A
208v/1ph/60hz: 8.0 Amps
230v/1ph/60hz: 7.8 Amps
208v/3ph/60hz: 7.4 Amps
230v/3ph/60hz: 7.3 Amps
460v/3ph/60hz: 3.7 Amps

ASME DESIGN DATA

Max. 160 PSIG & 250°F

TRIM & CONTROLS

High Temperature Limit: TSCB(EVS ONLY)
Flame Safeguard: RWV-40(EVS ONLY)
High/Low Gas Pressure Switches: Pilot Gas Valve
Modulating Gas Valve: Pilot Gas Regulator
Operating Control: Pilot/Leak Test Cocks
Blower Motor: 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


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

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

 This page contains a diagram of the EVA/EVS-3000 BOILER. The diagram includes various connections and descriptions, such as:

- **A**: FLUE OUTLET, 6" [203.2] DIAMETER (AL29-4C SS)
- **B**: GAS PILOT, 1/4" [6.4] O.D. TUBE
- **C**: WATER SUPPLY TO SYSTEM, 4" NPT
- **D**: INLET AIR, 8" [203.2] DIAMETER
- **E**: DRAIN, CONDENSATE, 5/8" [15.9] O.D. TUBE
- **F**: DRAIN, BOILER, 1" NPT
- **G**: GAS SUPPLY, 2" NPT
- **H**: WATER RETURN FROM SYSTEM, 4" NPT
- **I**: GAS VENT, 1" NPT (D.B.&B. & D.B.&B. w/P.O.C ONLY)