



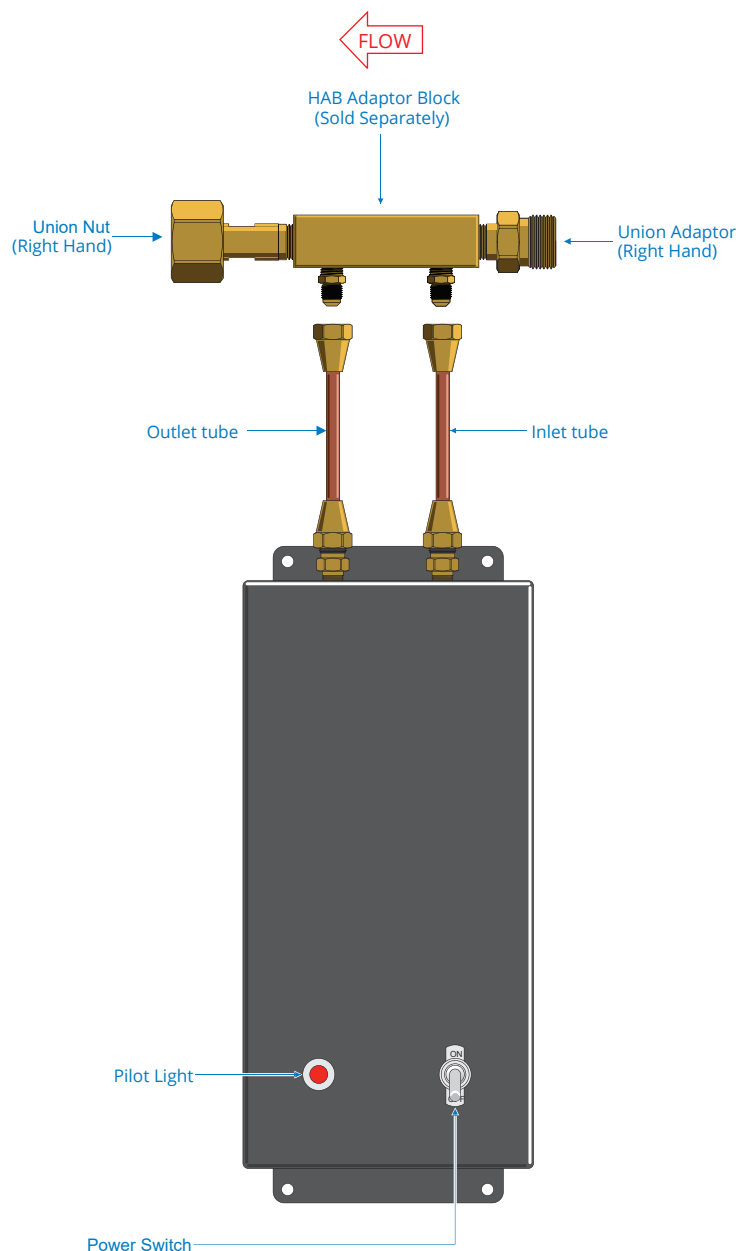
Electric Gas Heaters (EGH 3000) for Carbon Dioxide Manifolds

SPECIFICATION

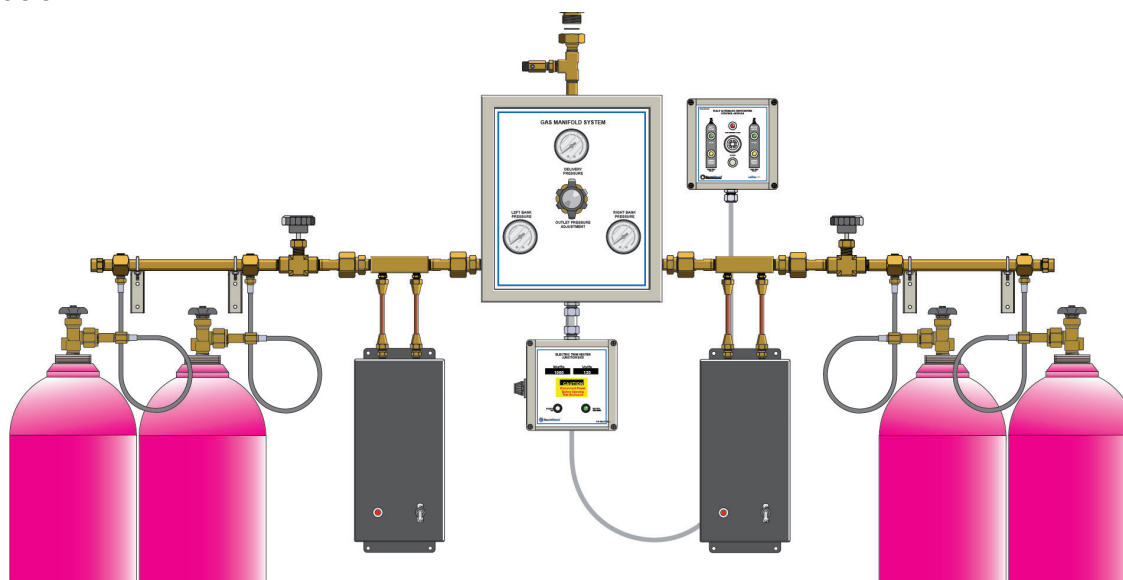
Standard Specifications	
Dimensions	11" [279mm] high x 5 1/2" [140mm] wide x 4 1/4" [108mm] deep 5/16" [8mm] x 0.040" [1mm] Continuous Copper Tubing 5/16" [8mm] x 0.040" [1mm] Stainless Steel Optional
Working Pressure	2500 psi [172 bar] Copper 4600 psi [317 bar] Stainless Steel
Weight	Actual 11 lbs [5kg] Shipping 13 lbs [5.9kg]
Amperage	120 volts 8.3 amps 240 volts 4.2 amps
Mounting Holes	3 O/C

Capacity (for Carbon Dioxide)**	
Heating	1000 CFH; 15 CFM; 467 liters/minute; 115 lbs. hr <i>Heating valves are based on initial gas temperature of 0°F [18°C] and outlet temperature of 170°F [77 °C]</i>
Vaporizing	184 CFH; 3 cfm; 84 liters/minute; 22 lbs/hr <i>Vaporization valves are based upon initial liquid temperature of 0°F [18°C] and outlet temperature of 170°F [77 °C]</i>

** Capacities for other gases will vary depending of their specific heat.



Installation



EGH3000

A

B

C

D

Part Number Matrix - Electric Gas Heater

A	
GAS	INSCRIBE
Carbon Dioxide	CGA 320
Nitrous Oxide	CGA 326
Nitrogen	CGA 580

B	
VOLTAGE	INSCRIBE
120 VAC	120
240 VAC	240

C	
TUBE	INSCRIBE
Copper	B280
Stainless Steel	316

D	
ENCLOSURE	INSCRIBE
Enclosure for indoor application - Standard powder coated steel	NEMA1
Enclosure for indoor or outdoor, falling liquids and light splashing	NEMA2
Enclosure for washdowns and heavy splashing	NEMA3
Enclosure for hazardous location	NEMA4

Part Number Matrix - Heater Adaptor Block

HAB