



MODEL

CC-1000-FS

SPECIFICATIONS

Inlet and Outlet Connections – 7” Copper Tubes, 45° SAE Flare Fittings

GENERAL INFORMATION

Maximum Operating Pressure – 1200 psig

Voltage – 120 VAC, single phase

Power – 1000 watts, 8.3 amps

MAXIMUM FLOW RATE*

Heating – 1000 CFH; 17 CFM; 467 liters/minute; 115 lbs./hr*

Vaporizing – 184 CFH; 3 CFM; 84 liters/minute; 22 lbs./hr*

THERMOSTAT SETTING

Internal - factory set at 170°F (lower settings at request)

WEIGHT AND DIMENSIONS

11 lbs. actual weight, 13 lbs. shipping weight

11” high x 5.5” wide x 4.25” deep

Mounting holes 3” O/C

Power Cord Length - 6 foot UL/CSA cord with standard 3-prong plug

Oxygen Cleaned Option Available

DESCRIPTION

The Calco Controls Model CC-1000 and CC-1002 Gas Heaters are designed to prevent regulator freeze up when using a variety of compressed gases. Installed between the gas cylinder valve and a suitable regulator, they warm the gas stream allowing flow rates up to 1000 CFM in either direction without loss of efficiency or regulator freeze up. They are thermostatically controlled at 170°F and have patented double protection against thermal or electrical overload. These Gas Heaters are designed with continuous high pressure tubing – no internal joints – and have working pressures up to 4600 psi. The heavily insulated enclosure remains cool and the unit can be left on even under no-flow conditions.

*Capacities for gases will vary, depending on specific heat.

*Heating/vaporization values are based on initial gas/liquid of 0°F and outlet temperature of 170°F.



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