

# Heating and Cooling

## Manhole Heaters



Model	1690D
Power:	120 VAC, 1 Amp
Certifications:	CSA, CEESI
Dimensions:	18.5"L x 13.5"W x 15.25"H
(L x W x H)	(47 x 34 x 38.7 cm)
Weight:	30 lbs. (13.6 kg)
Certified Air Flow:	(coupled w/1325D)
Free Air:	639 cfm (18.0 cmm)
w/ one 90° bend:	532 cfm (15.0 cmm)
w/ two 90° bends:	498 cfm (14.1 cmm)
BTUs	70,000
Propane Usage:	2.25 lbs./hr.

Our Model 1690D, when coupled with the 1325D Axial Ventilator, provides fresh warm air for all your confined space needs.

This unit is propane fired and electrically powered. Requires the model 1325D Ventilator to operate. A Remote Thermostat Control (Model 1620) is also available.



Our Model 1590, one-piece, Axial Propane Heater/Blower, provides fresh warm air. It is extremely efficient requiring only 45,000 BTU's of input to get a 125° heat rise. Certified for ventilating confined spaces with or without heated fresh air via air ducts. This model is available in both North American and European voltages.

Model	1590
Power:	120 VAC, 4 Amps
Certifications:	CSA, CEESI
Dimensions:	27"L x 14.5"W x 14"H
(L x W x H)	(68.5 x 36.8 x 35.5 cm)
Weight:	47 lbs. (21.3 kg)
Free Air (certified):	424 cfm (12.0 cmm)
w/ one 90° bend:	380 cfm (10.7 cmm)
w/ two 90° bends:	366 cfm (10.3 cmm)
BTUs	45,000
Propane Usage:	1.5 lbs./hr.



## Tent Heater



Model	1557
Power:	n/a
Certifications:	CSA
Dimensions:	13"L x 9.5"W x 20"H
(L x W x H)	(33 x 24 x 50.8 cm)
Weight:	11 lbs. (5 kg)
BTU's:	8,000 -16,000
Propane Usage - low:	.25 lb./hr. (low setting)
Propane Usage - high:	0.5 lbs./hr. (high setting)



The Model 1557 is a radiant style, portable, infrared construction heater. It is adjustable from 8,000 to 16,000 BTU's. This patented design provides clean, efficient heat for tents or any other ventilated space. Safety features include thermal sensor and tip over protection. No electrical power is required.

A 1st stage regulator assembly is required for use with all heaters.

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## LPG Bottle Warmer

Our **Model 9651** Bottle Warmer, safely prevents propane bottles from freezing! It is a silicon rubber belt with interlaced heating elements. Built in safeties including a set operating temperature, to prevent over pressurization This model is equipped with a protective UL recognized thermostat & is CSA Approved. Includes a 12' (3.65 m) type HPN heater cord set. Folds for easy storage. For use on either 20 lb. (9.07 kg) or 40 lb. (18.14 kg) bottles. 375 Watts.



## Filter Regulator for Heaters

Our **Model 1590-F** Filter/Regulator/Gauge, is a compact unit that fits into the LP gas line behind the tank valve to filter out impurities and regulate the bottle pressure to a safe working pressure. The POL Excess Flow Valve will shut down fuel flow to down stream equipment in the event of a regulator fire or ruptured hose. Hose lengths are available from 6' (1.82 m) to 25' (7.62 m).

## Remote Thermostat for Heaters

### Remote Thermostat **model 1620**

For use w/1690D Heater. Allows heater to cycle on & off at user-adjusted temperatures while maintaining continuous, uninterrupted ventilation.

