



Walton Gas Heaters

Snow Shield

Heated

W. B. Walton Enterprises, Inc. (Walton De-Ice) Gas Heaters for Snow Shield Cover De-Icing Systems and the Gas Heaters for Plenum De-Icing Systems now on their 8th year of meeting the European Union Declaration of Conformity for directives:

- EN 602041:2006+A1:2009,
- EN60529:1991+A1:2000/IEC 60529:1989+A11999
- EN12669 (EN298:2003 EN126:2004 EN1854:2006)

EU Gas Appliance Directive Test Standards:

- 2009/142/EC (GAD)

EU Low Voltage Directive Test Standards:

- 2006/95EC

Environmental Tests:

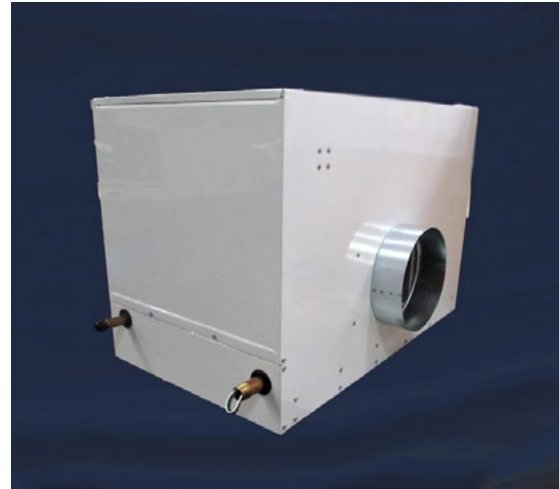
- EN 60529:1991+A1:2000



Electric Snow Shield Heater



Gas Snow Shield Heater



Representative Average Unit Cost of Energy

Energy Type	In common Terms:	\$ Per million Btu (<i>British Thermal Unit</i>)
Electricity	14.26 cents per KWh	\$41.79
Natural Gas	1.209 cents per therm	\$12.09
Propane	2.23 dollars per gallon	\$24.46

Note: Energy costs are from the Dept. of Energy, Effective Date March 7, 2022.

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Heater Specifications

Natural Gas

Inlet Pressure: 7 inches water column to heater and 4.5 inches of water column to burner.

Electrical Consumption

Electric: 9.6 amps @ 120VAC 1 phase 60Hz or 4.8 amps @ 220VAC 1 phase 50Hz.

Liquid Propane Gas

Inlet Pressure: 10 pounds per square inch to second stage regulator and 11 inches of water column to heater burner.

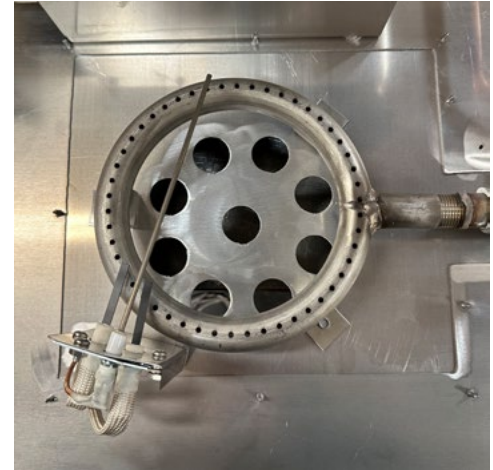
Electrical Consumption

Electric: 9.6 amps @ 120VAC 1 phase 60Hz or 4.8 amps @ 220VAC 1 phase 50Hz.

CE Certified Gas Heating Unit's Features

Dual Hot Surface Ignition System

- Dual hot surface igniter means redundancy in the ignition sequence.
- Large flame sensing rod. **Turbulence** is no longer a factor during ignition sequence.
- Same reliable 3 try ignition sequence with purge time.
- No more pilot assembly or pilot orifice
- Stainless Steel Burner greatly reduces maintenance costs and increases reliability.



Positive Blower Recognition for Ignition Sequence

- Normally open contact on air flow switch operates power to the ignition unit. No air flow, no ignition.
- If no airflow is verified, the ignition unit will not be energized and the unit will go into ignition failure.



Same Wiring/Mounting Configuration as Original Heaters

- Older Gas Heaters can be changed out with the new designed Gas Heating Units. Mounting and wiring is the same.

