



Snow Shield Gas Heaters

Snow Shield

Heated

Walton Gas Heater for 3.2 to 6.3-meter Antenna

The Walton Gas Heater manufactured by W.B. Walton Enterprises is designed specifically for De-icing Satellite Communication Antennas. These heaters are designed to be suspended from the antenna mounting structure and to provide long reliable service for years to come.

These heaters include such safety devices as the Over-Temp Electro Mechanical Latching Relay. Each heater is equipped with a F-200 Degree snap disc. During normal operation, this snap disc is open. Should the blower motor fail, the temperature at the rear of the heater will increase to a temperature in excess of 200 degrees within a few seconds, which will close the snap disc and operate the latching relay. This action will disengage the gas valve and prevent it's re-opening until the heater cover is removed, the heater is checked, and the over-temp reset switch is pushed. Another main safety feature of this heater is the Ignition Failure feature. When the Synetek Ignition Unit calls for heat, the Ignition Unit within the heater will open the gas valve and attempt to ignite the pilot for 15 seconds. If the pilot fails to ignite, the Ignition Unit will wait 10 seconds, and then attempt to ignite the Pilot for 2 more cycles. If after the third ignition cycle the Pilot fails to ignite, the Ignition Unit will close the pilot valve and not attempt to restart until it has been manually reset at the heater, local or remote control units.



Advantages of Gas Heat

Why are more than 70 percent of new single family homeowners choosing natural gas as the fuel of choice to heat their home. They do this because it's reliable and efficient. Natural gas heating systems have the highest "total energy efficiency" which translates into the best energy value.

On the bottom of this page, you will find a chart of representative average unit energy costs for residential energy sources set forth by the department of Energy, effective March 3, 2008.

Representative Average Unit Costs of Energy

Energy Type	In Common Therms	\$ per million BTU (British Thermal Unit)
Electricity	10.8 cents per kWh	\$31.65
Natural Gas	75.3 cents per therm	\$13.28
Propane	2.42 dollars per gallon	\$26.50

Note: Energy costs are from the Dept. of Energy, Effective Date March 3, 2008.