



Walton Electric Heaters

Snow Shield Heated

Walton 48 VAC Heater for 0.6 to 1.2-meter Antennas

The 48VAC system was designed for sites with no AC power to the antenna. This system requires no conduit or wire from the power source to the antenna, and can be installed without the need for an electrician. Number 8/2 conductor 150 volt cable is used from the transformer to the antenna. The transformer can be located (plugs into wall outlet) up to 500 feet from the antenna. Electrical cable can be installed with the RF Cable.

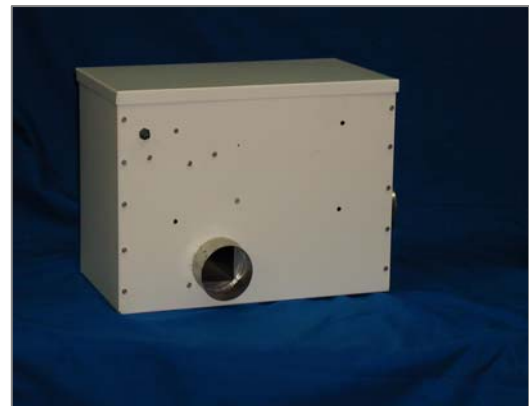
Power to the heater is 48 VAC, which is supplied to the 800 Watt element, and rectified for the 48 VDC blower motor.

The system is controlled with an on/off switch on the transformer assembly. The system should be turned on in the fall, and off in the spring. The blower will operate continually while the switch is on. There is a thermostat in the heater, which turns on the heater element whenever the outside temperature falls below a pre-set temperature range.





Walton 120 VAC, 220 VAC and 230 VAC Heaters for 0.6 to 2.3-meter Antennas

This small heater is the same design as the 48 VAC heater except it uses 120 VAC, 220 VAC or 230 VAC for the heater element and the blower motor. The heater will provide 1,200 Watts, 1,700 Watts or 2,000 Watt of heat, as required. The heater unit utilizes brush less and maintenance free blower motors. The heater is controlled by the DS-4 Moisture/Temperature sensor. The Rack mounted DP-7SS Remote Monitor/Control Panel can be added to the DS-4. Unlike the 48 VAC heater above, this heater requires a professionally installed electrical service.



Heater KW	120VAC 60Hz	220VAC 50/60Hz	230 VAC 50 Hz
1.2	14 amps	* 7.45 amps	7.22 amps
1.7	18.17 amps	* 9.72 amps	9.39 amps
2	* 20.67 amps	* 11.09 amps	10.69 amps

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Walton 120VAC, 220 VAC and 230 VAC Heaters for 2.4 to 3.1-meter Antennas

This heater uses 2 elements at 2,000 Watts each to provide 4,000 Watts of heat, and utilizes brush less maintenance free blower motors. The heater is controlled by the DS-4 Moisture/Temperature sensor. The Rack mounted DP-7SS Remote Monitor/Control Panel can be added to the DS-4. This heater does require a professionally installed electrical service.



Single Phase Electric Power Consumption

Heater KW	120VAC 60Hz	220VAC 50/60Hz	230 VAC 50 Hz
4	36.83 amps	* 20.48 amps	19.39 amps

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Walton 120VAC, 220 VAC and 230 VAC Heaters for 3.2 to 5.0-meter Antennas

Using the same concepts as the two smaller heaters, this heater wattage ranges from a three element 6,000 Watt unit to a six element 12,000 Watt unit. The blower motors are brush less and maintenance free.



The heater can be controlled by the Walton Thermostat Controller or the DS-4 Moisture/Temperature sensor. The Rack mounted DP-7SS Remote Monitor/Control Panel can be added to the DS-4. This heater required a professionally installed electrical service.

Single Phase Electric Power Consumption

Heater KW	208/220/230 50/60Hz
6	37.45 amps
12	66.29 amps

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Three Phase Electric Power Consumption

Heater KW	208 VAC 60 Hz	220/230/240 VAC 50 Hz	380/400 VAC 50Hz
6	22.26 amps	* 21.35 amps	14.14 amps
12	38.31 amps	* 37.10 amps	23.25 amps

* Pending Approval