

SKORPION™ Process Air Heater

The new **SKORPION™ Process Air Heater** from OSRAM SYLVANIA represents the perfect combination of power, size, reliability and control in air heating technology.

The SKORPION is a complete heater, blower and control unit that is ready to plug in and use.

A digital PID controller regulates the air exit temperature from ambient to 1400°F (760°C) with $\pm 2^\circ$ control accuracy. A convenient digital display tells you exactly what temperature you are operating.

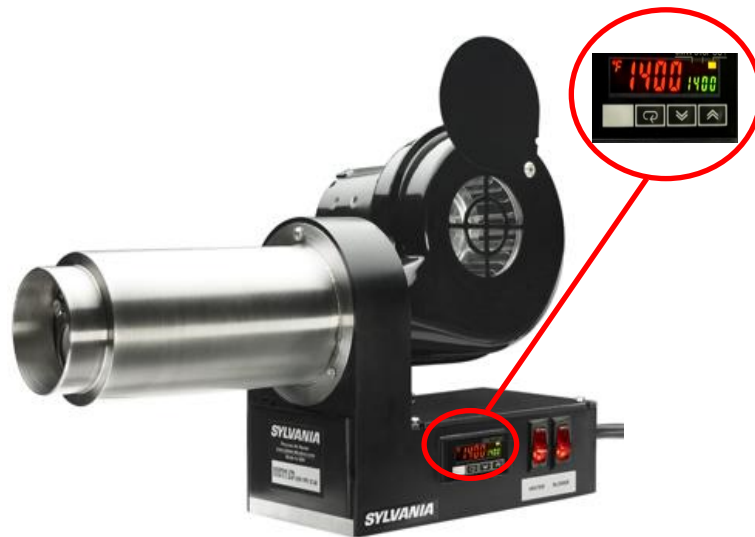
In addition, the unit has built in over temperature protection and a two year limited warranty.

Other features include an all-metal air source with flow control damper and long life Serpentine heater elements for reliable operation in the most demanding environments.

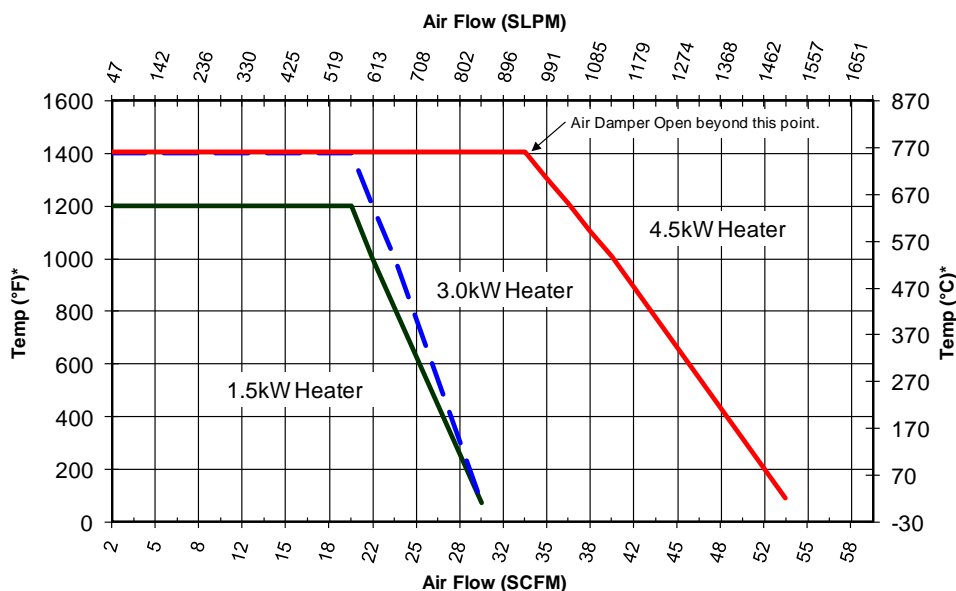
For those who need even more flexibility, all models are available without the integrated air blower for use with compressed air sources or separately mounted regenerative blowers.

So whether your process involves drying, curing, melting, or sealing, the SKORPION heater can do the job.

The SKORPION™ Heater is available in several models depending on your available power and desired airflow. See the chart below to help select your SKORPION model.



SKORPION™ Maximum Performance



* Air Temperature as measured by internal "K" thermocouple.

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Specifications

Maximum air temperature – 1.5kW model	1200°F (650°C).
Maximum air temperature – 3.0kW model	1400°F (760°C).
Control accuracy	±2°
Power Controller	Solid State Relay (SSR) 25A max.
Temperature Controller	PID loop controller 1/32 DIN Process Value (PV) and Set Value (SV) display
Compliance	RoHS CE

Model Number	Replacement Parts				
	Heating Element	Temp Control	Power Control	Blower	Nozzle Tube
F075615 SKORPION Air Heater 1.5kW 120V 1PH 12.5A	F205526	F205499	F205486	F205513	F205494
F075616 SKORPION Air Heater 3.0kW 230V 1PH 12.5A	F205502	F205499	F205486	F205512	F205494
F076008 SKORPION Air Heater 4.5kW 230V 1PH 12.5A	F205614	F205499	F205485	F205604	F205494
F075869 SKORPION Air Heater 1.5kW 120V 1PH 12.5A, without blower	F205526	F205499	F205486	N/A	F205494
F075835 SKORPION Air Heater 3.0kW 230V 1PH 12.5A without blower	F205502	F205499	F205486	N/A	F205494
F076029 SKORPION Air Heater 4.5kW 230V 1PH 12.5A, without blower	F205614	F205499	F205486	N/A	F205494
Accessories					
F075744	High Flow Nozzle	21mm (1") diameter opening – slip on mount with set screw.			
F075745	Standard Flare	150mm x 12mm (6"x0.5") opening – slip on mount with set screw.			
F075746	Wide Flare	300mm x 4mm (12"x 0.16") opening – slip on mount with set screw.			

