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SY- 080-31E

AIR HEATERS

Hot air generators manufactured by OSRAM SYLVANIA for various industrial

SKORPION[®]

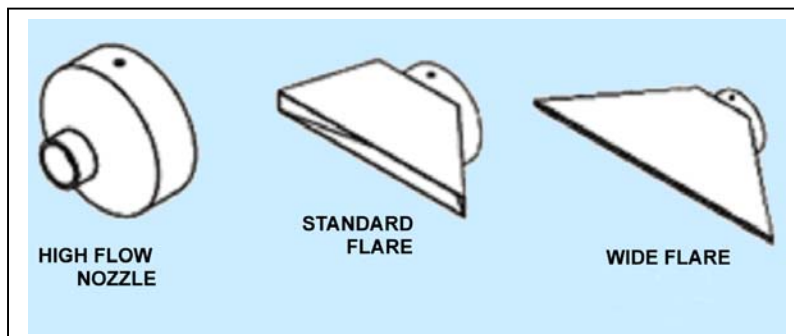
COMPACT HOT AIR GENERATOR WITH FAN AND REGULATION



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.

FEATURES

- Power 3kW 240V 12,5 A
- Maximum air temperature 750 °C
- Temperature control accuracy 1 ° C
- Maximum air flow 280 liters / minute
- PID Temperature controller 1 / 32 DIN
- Power Controller Solid State Relay (SSR) 2Power
- Switches for heater and blower



PART NUMBERS

MODEL	REPLACEMENT PARTS				
	Heating Element	Temp Control	Power Control	Blower	Nozzle Tube
F075616 SKORPION 3,0Kw 240v Single phase	F205502	F205499	F205486	F205512	F205494
ACCESORIOS					
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.				

F075835 SKORPION Air Heater 3.0kW 230V 1PH 12.5A without blower

Appropriate for applications where compressed air is preferable to use.

FEATURES

- Maximum air pressure at the entrance 5 PSI (0.3 bar)
- Air inlet connection fitting female 1 "NPT
- Minimum diameter air feed tube ¾ ", with diameters less reduces the heating capacity

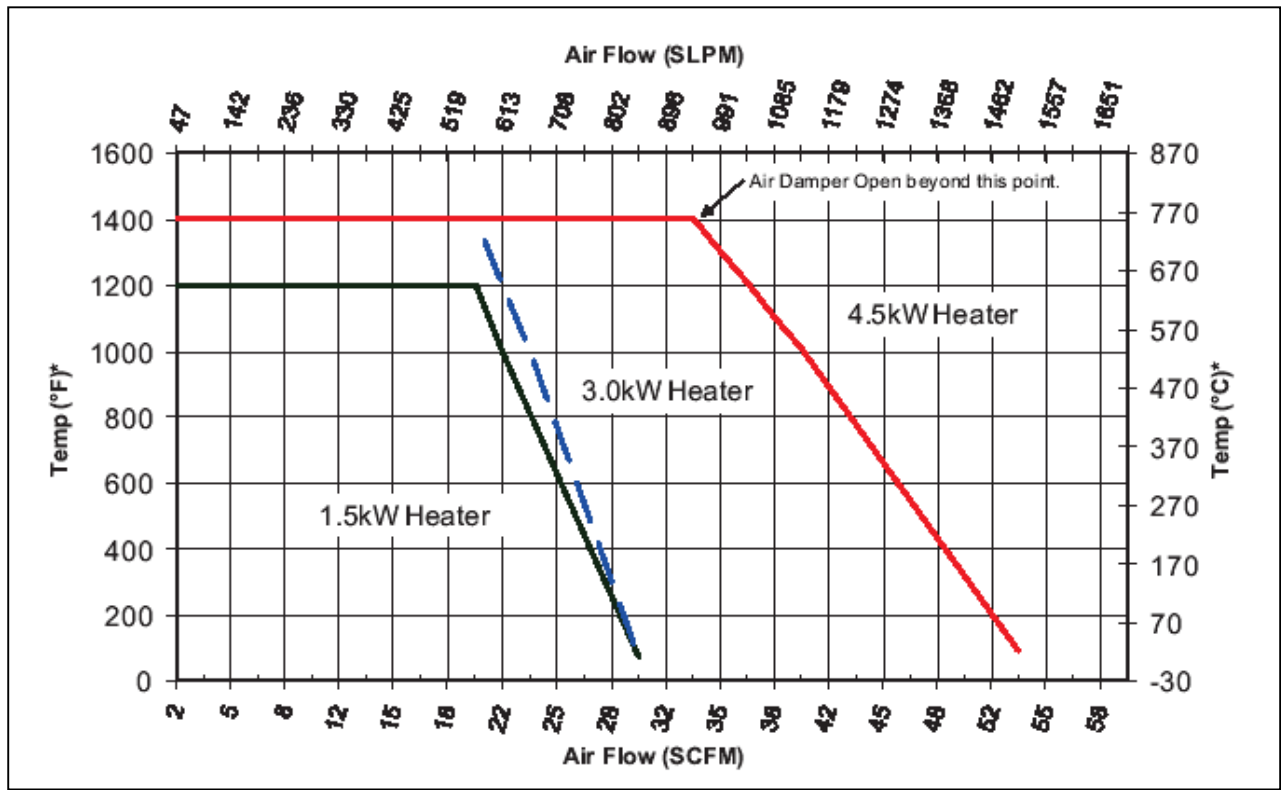
Technical drawing showing the front and side views of a mechanical component with dimensions in millimeters (mm).

Front View (Top):

- Overall width: 153,3
- Overall height: 108,0
- Distance from left face to center of mounting holes: 115,3
- Distance from center of mounting holes to right face: 25,3
- Distance from top face to center of mounting holes: 68,0
- Distance from center of mounting holes to top face: 79,0

Side View (Bottom):

- Overall width: 345,0
- Overall height: 233,1
- Distance from left face to center of mounting holes: 151,0
- Distance from center of mounting holes to right face: 56,5
- Distance from top face to center of mounting holes: 116,2
- Distance from center of mounting holes to top face: 19
- Mounting hole diameters: D 62,0 and D 76,2



SKORPION™ MAXIMUM PERFORMANCE