

Phoenix Thermal Supply

Osram Sylvania Process Air Heaters

Hot Air Tools



Features:	Max	Max Air	Max Air	Max
Built in "K" thermocouple	kW:	Temp:	Pressure:	Voltage/Phase:
	1.5 -	1400°F	60 PSI (4	20, 240/1
	3.5	(760°C)	Bar)	

Specifications:

- Air temperature controllable to 1400°F (760°C)
- Built-in Type K thermocouple
- 1/4" hose barb air connection
- Maximum inlet temperature 120°F (49°C)
- Maximum air pressure 60 psi (4 bar)
- Slotted exit for flow allow attachment
- 304 stainless steel body
- 3' (914mm) power and thermocouple leads
- RoHS compliant

Series I, II, III



Features	Ma	Max	Max Air	Max
:	x	Air	Pressure	Voltage/Phase
Basic heater with quartz insulator tube	kW:	Temp:	:	:
	0.6	1600°F	7 PSI	70-180/1
	-	(871°C	(0.5 Bar)	
	2.4)		

Specifications:

- Air temperature controllable to 1600°F (871°C)
- Quartz outer tube housing
- Nozzled (Style B) or open-ended (Style A) design
- High-temperature silicone rubber rear adapter/terminal assembly
- Maximum air pressure 7 psi (0.5 bar)
- Maximum inlet temperature 120°F (49°C)
- Recommended minimum airflow 1 SCFM (60 SCFH)
- RoHS compliant

Phoenix Thermal Supply

Serpentine II, VI Triple Pass Heaters



Features:	Max	Max Air	Max Air	Max
Triple-pass exchanger housing	kW:	Temp:	Pressure:	Voltage/Phase:
	2 - 8	1500°F (815°C)	25 PSI (1.7 Bar)	240/1

Specifications:

- Air temperature controllable to 1500°F (815°C)
- Serpentine II to 3.6kW
- Serpentine VI to 8.0kW
- Triple Pass Heat Exchanger uses incoming air to cool outer shell
- Maximum air pressure 25 psi (1.7 bar)
- Replaceable element assemblies
- Recommended minimum airflow 60 SCFH
- RoHS compliant

Process Air Heaters

SUREHEAT® JET



Features:	Max	Max	Max Air	Max
Two built-in "K" thermocouples with control system	kW:	Air Temp:	Pressure:	Voltage/Phase:
	3-8	1400°F (760°C)	60 PSI(4 Bar)	240/1

Specifications:

- Air temperature controllable to 1400°F (760°C)
- Power ratings 3.0kW - 8.0kW 240V - 1φ
- Two internal Type K thermocouple sensors for control and safety:
 - S1 measures inlet temperature
 - S2 measures exit temperature
- Rapid heat-up and cool-down
- Maximum air pressure 60 psi (4 bar)
- Maximum inlet temperature 200°F (93°C)
- Use SUREHEAT JET Control (purchased separately) for easy installation
- Recommended minimum airflow 2 SCFM (57 SLPM)
- RoHS compliant

Phoenix Thermal Supply

SUREHEAT® MAX HT



Features:	Max kW:	Max Air Temp:	Max Air Pressure:	Max Voltage/Phase:
	30-36	1652°F (900°C)	60 PSI(4 Bar)	380, 480/3

OSRAM announces the introduction of a new process air heater that will allow manufacturers to increase productivity through increased speeds and allows processes requiring higher temperatures to run without excessive heater replacements and down time.

This new heater was designed and built to meet industry demands for increased productivity. OSRAM offers standard and custom designed heaters to meet your needs and requirements.

Features:

- Small size – 4” diameter body
- Threaded inlet and exit ports for convenient air connections in systems
- Built in terminal strip and high temperature plastic wiring enclosure
- Rugged stainless steel heater body
- Stainless steel mounting base
- Built in type K thermocouple
- Exposed wire low mass element for fast heat up/cool down
- Rated for pressures up to 60 PSI (4 bar)
- Available in a range of wattages, voltages up to 36 KW, 480 Volt, single or three phase

Phoenix Thermal Supply

SUREHEAT® MAX



Features:

Two built-in "K" thermocouples

Max

kW:

6 -
36

Max Air

Temp:

1400°F
(760°C)

Max Air

Pressure:

60 PSI
(4 Bar)

Max

Voltage/Phase:

240, 380,
480/1, 3

Specifications:

- Air temperature controllable to 1400°F (760°C)
- Power ratings 6.0kW - 36.0kW 240/380/480V - 1φ /3φ
- Two internal Type K thermocouple sensors for control and safety:
 - S1 measures inlet temperature
 - S2 measures exit temperature
- Rapid heat-up and cool-down
- Maximum air pressure 60 psi (4 bar)
- Maximum inlet temperature 200°F (93°C)
- Recommended minimum airflow 12 SCFM
- Use SUREHEAT MAX Control (purchased separately) for easy installation
- RoHS compliant

Sales @ ptsheat.com

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