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SY- 080.28E

AIR HEATERS

Hot air generators manufactured by OSRAM SYLVANIA for various industrial applications.

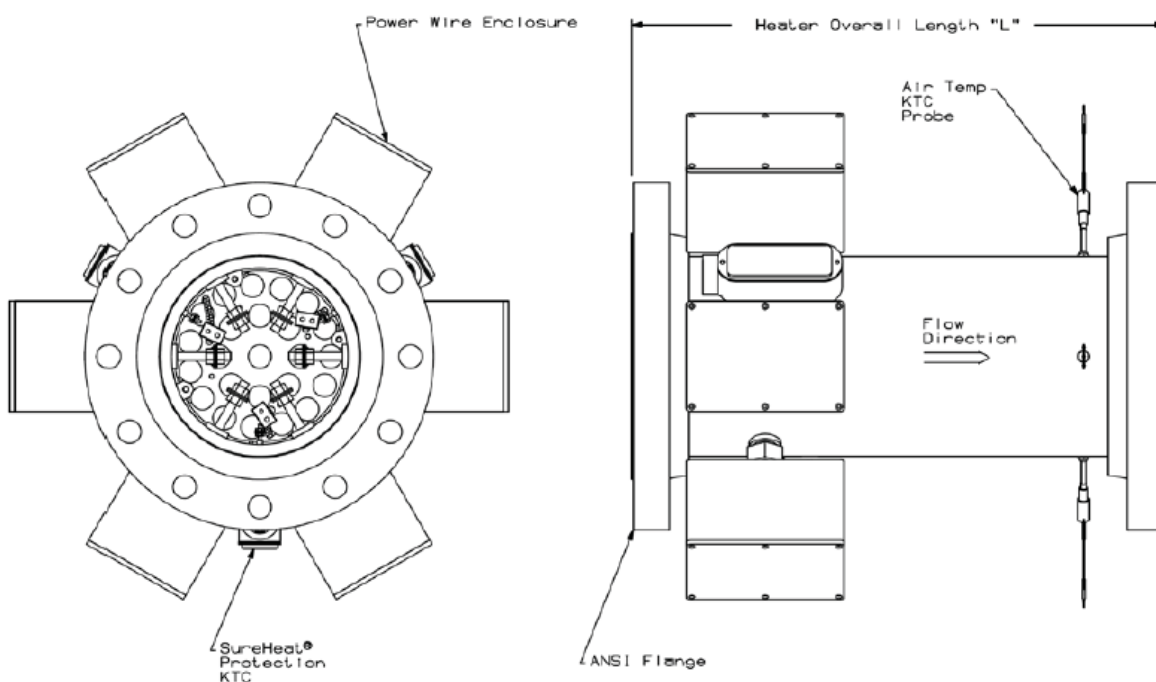
FLANGED INLINE SYSTEM



SPECIFICATIONS

- Electric process inline air heater with ANSI standard pipe and flanges for heating high pressure air or inert gases to **760°C (1400°F)** and higher.
- With SYLVANIA's patented Serpentine elements, you can reach set point temperature within just a few seconds or minutes, versus the much slower response of tubular element designs.
- Standard heater models range from 2.5" pipe size (18kW) to 10" pipe size (400kW). Custom heater models are available upon request.
- Maximum static pressures to 150 PSI (10 BAR).
- Maximum inlet air temperature 482 °C (900°F)
- "K" type thermocouple probes included for accurate control and safety.
- Each 6" diameter and larger heater model is supplied with four (4) internal "K" type thermocouples attached to heater element for additional protection.
- Elements are easily replaceable as a complete cartridge assembly.

Installation (8" size shown)



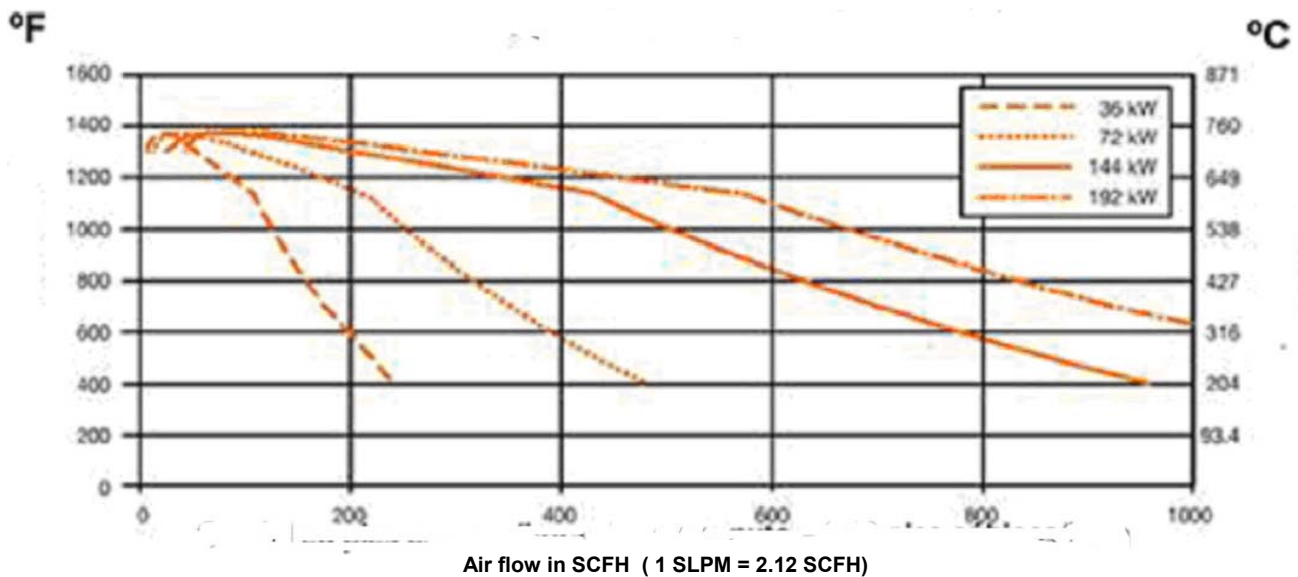
PRODUCTS

Part Number	kW	V Triph.	IAmp.	Outer Ø mm.	Inner Ø mm.
073166	36,0	480	45	254	102
073377	72,0	480	87	318	152
073384	144,0	480	175	381	203
073153	192,0	480	235	381	203

Overall length all models 584,2 mm. (23")

Custom SCR power and temperature control cabinets are available on request.

PERFORMANCE



OSRAM SYLVANIA heaters of either model catalog can only be used for heating dry air or inert gas. They should never be used in explosive



INLINE HEATER FLANGED as a source of hot air in a test