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SY- 080.25E

AIR HEATERS

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

CALEFACTORES ROSCADOS PARA CONDUCTO INLINE HEATERS

SPECIFICATIONS

Air temperatures to 760 °C (1400 °F).

For applications requiring high pressure air

Both ends threaded 3/8", 1/2", 1 1/4" and 2 1/2" NPT

304 Stainless Steel housing

CE compliant



Style A

Should be used whenever an absolute leak-proof system (up to 150PSI) is required
Two high temperature power feedthroughs
Maximum inlet temperature 482 °C (900 °F)

Style B

Maximum air pressure 150 PSI, but will have slight air leakage through power wire strands.
305 mm (12") flexible power wires.
Maximum inlet temperatures 90 °C (200 °F)

The maximum operating pressure for all models is 10.5 bar

Part Number	Style	Heater size NPT	W	V	Amp.
038821	A	3/8"	1600	170	9,4
038823	A	1/2"	4000	220	18.2
038825	A	1 1/4"	6000	220	27,3
038822	B	3/8"	1600	170	9,4
038824	B	1/2"	4000	220	18.2
038826	B	1 1/4"	6000	220	27,3
063007	B	2 1/2"	18000	240	75 (1 phase. 44 (3 phase)
074439	B	2 1/2"	24000	240	100 (1 phase) 59 (3 phase)

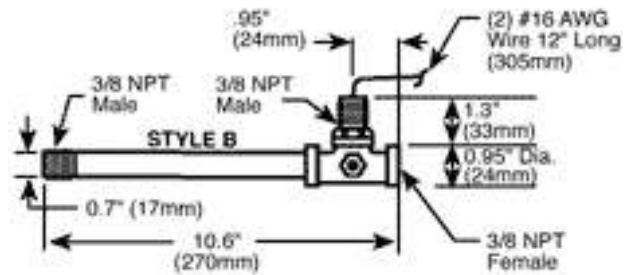
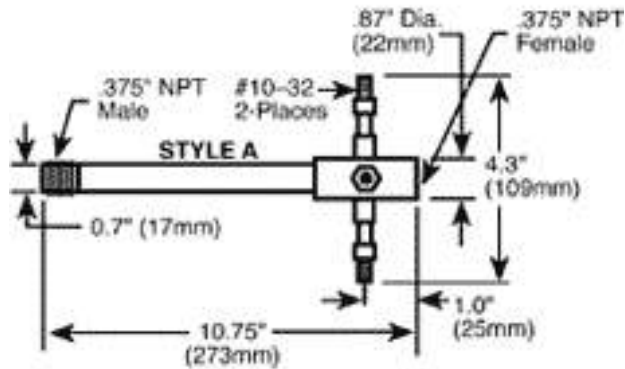
ACCESORIES

Part Number	Description
057081	Open loop (manual) power control 25 A
068823	Closed loop poer control 30 A
070429	Temperature controller
039272	"K" Type thermocouple probe

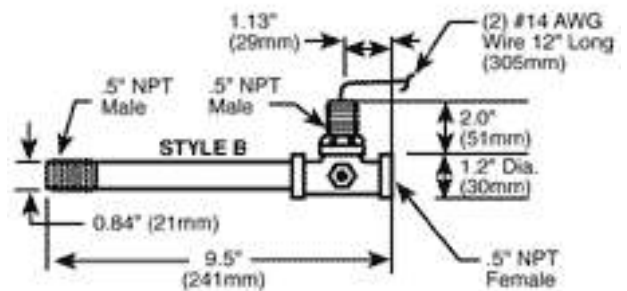
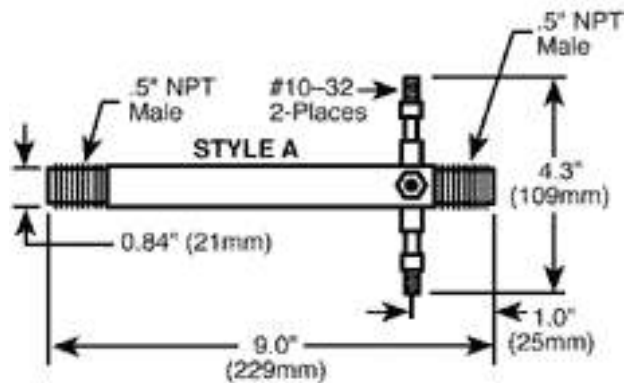


Test bench with several INLINE HEATERS combined to obtain 400 l / h of air at a temperature of up to 900 °C

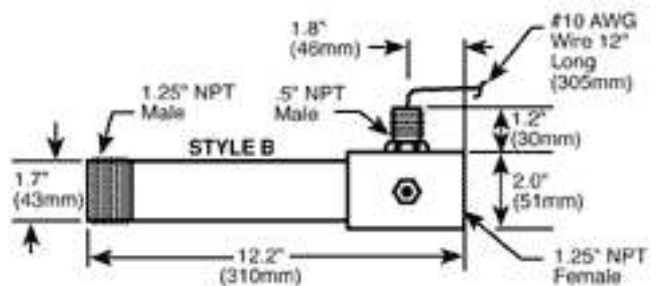
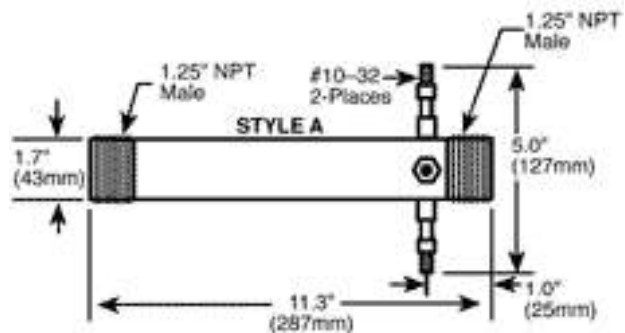
3/8" THREADED INLINES



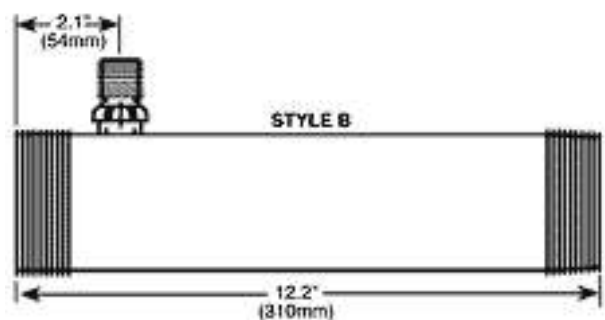
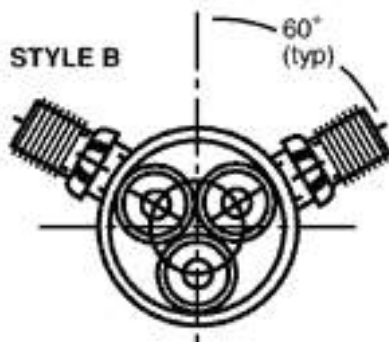
1/2 " THREADED INLINES



1 1/4 " THREADED INLINES



2 1/2 " THREADED INLINES



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

PERFORMANCE

n the graph below details the curves of temperature versus air flow rate applied.
Temperatures were measured with a thermocouple type K of 1.5 mm. in diameter.

