

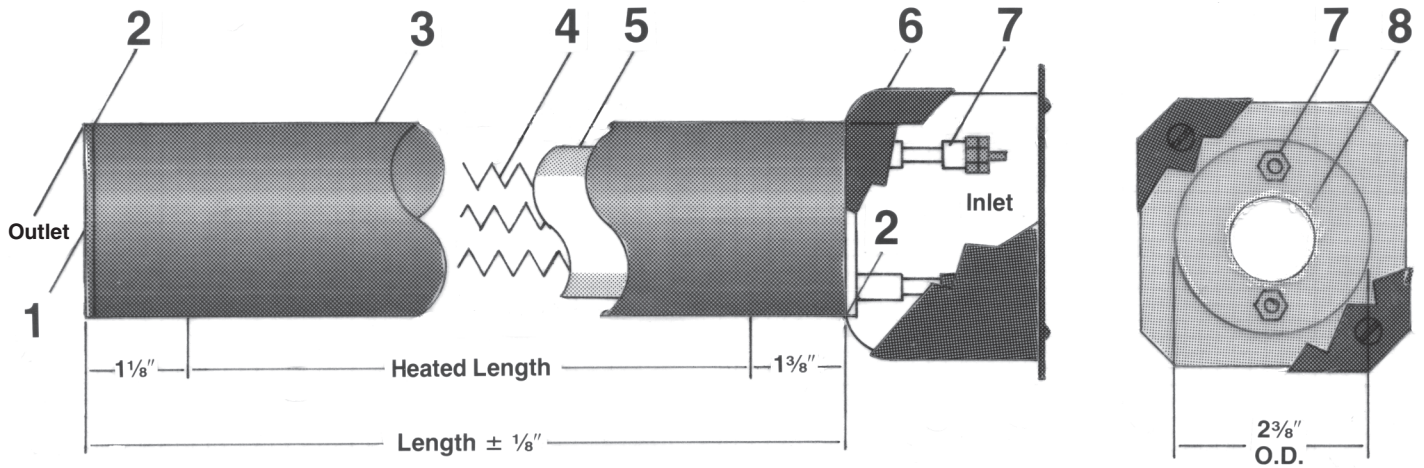


Air Process Heaters

Heavy Duty—Horizontal use only



AIR



Features

- This high temperature, moderate volume air heater is principally designed for continuous high temperature operations up to 1200°F (650°C), while supplying a good flow rate up to and in excess of 50 CFM.
- This heater is especially suited for vacuum and pressure environments, as well as other applications where a heavy duty construction is desirable.
- Its design features include a nickel chromium heating element supported inside of a high quality ceramic core. Its outside sheath is stainless steel with heliarc welded and fittings. Its terminals are a high quality ceramic-to-metal especially designed for heavy loads and high pressures.
- Designed for moderate volume and high temperatures.
- Pressure rating is 100 psig at room temperature. Higher pressure ratings are available. Consult factory.
- For temperature control, see page 54 and pages 131-134.
- Made in U.S.A.

Construction

- 1 1" NPT female outlet.
- 2 Heliarc weld.
- 3 Stainless steel sheath.
- 4 Resistance coil.
- 5 Ceramic coil support.
- 6 Connection box - 4" Octagonal-Nema 1.
- 7 Ceramic to metal seal with terminals.
- 8 ½" NPT female air inlet.



Air Process Heaters

Heavy Duty

Specifications

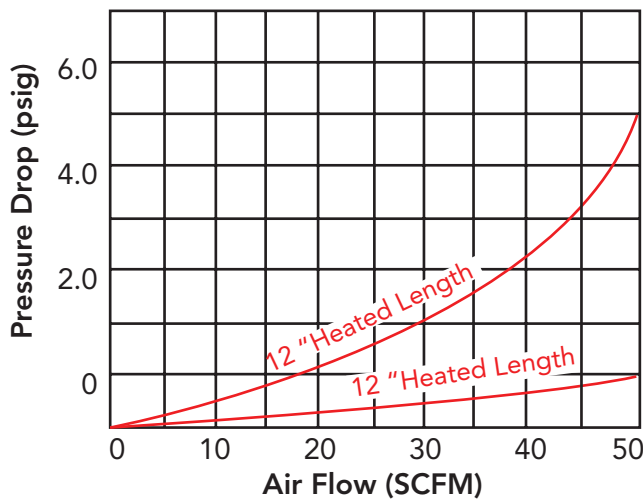
Maximum Amperage: 30

Cross Sectional Flow Area: .69 sq. in.

CFM	Max. Watts/linear in of heated length
1	150
2	150
4	150
6	150
8	150
10	150
15	200
20	250
25	300
30	350
35	400
40	475
45	525
50	575
55	625

Pressure rating: 100 psig.

Pressure Drop vs. Air Flow



Size

Lengths are available from 6"-36". Standard entry is 1/2" NPT female and the standard exit is 1" NPT female.

▼ Manufactured Items ▼

Size

Length	Heated Length	Catalog No.
6"	3 1/2"	HA2-6
8"	5 1/2"	HA2-8
10"	7 1/2"	HA2-10
12"	9 1/2"	HA2-12
18"	15 1/2"	HA2-18
24"	21 1/2"	HA2-24

Special Features

SF-28 Three Phase

SF-29 Multiple Heat Circuits - Specify Wattages

SF-32 High Voltage

Consult Factory For:

Lengths longer than those listed

Current ratings above 30 amps.

AIR

▼ IN STOCK ITEMS ▼

Heavy Duty Air Heaters

Supplied with: Type SF3S terminals Type SF13D enclosure

Length	Cat. No.	Dia.	Wattage	Voltage	Watts/Linear Inch	Weight	Terminals
12"	HA2-12	2 3/8"	375	120	40	7.0	S&N w/enclosure
12"	HA2-12	2 3/8"	1500	240	158	7.0	S&N w/enclosure
24"	HA2-24	2 3/8"	750	120	35	12.5	S&N w/enclosure
24"	HA2-24	2 3/8"	3000	240	140	12.5	S&N w/enclosure

