

AIR HEATER



MPI Morheat air heaters feature an open coil of high temperature resistance wire electrically isolated in a stainless steel sheath. Because the air being heated passes directly over the resistance wire, maximum heat transfer efficiency is achieved. MPI Morheat brand air heaters are used for heat staking, plastic welding, laminating, drying, heat sealing, and any other operation where air needs to be heated up 1000°F.

1/2" and 3/4" diameters are standard with other sizes available. Several 1/2" diameter air heaters are in stock for same day delivery. Options such as male and female fittings for inlets and outlets, thermocouples to monitor outlet temperature, and pin connectors are available

CONSTRUCTION

- 1/2", 5/8" OR 3/4 DIAMETER 304 STAINLESS STEEL SHEATH
- NICKEL-CHROMIUM COILS
- HIGH TEMPERATURE LEADS OR 3 PIN CONNECTOR
- EPOXY SEAL
- COPPER TEE
- 120 VOLT AND 240 VOLT

OPTIONS - AIR HEATERS

- MALE OR FEMALE PIPE THREAD ON INLET OR OUTLET
- BRASS OR STAINLESS STEEL FITTINGS
- FLANGES
- SJO CORD
- ELBOW ON OUTLET
- STAINLESS STEEL TEE
- VARIOUS VOLTS AND WATTS
- CUSTOM CONFIGURATIONS AND SIZES
- 1/2", 5/8" AND 3/4" DIAMETERS AVAILABLE
- OPTIONAL THERMOCOUPLE AT OUTLET FOR TEMPERATURE CONTROL

STANDARD SPECIFICATIONS

	1/2" OD heater	3/4"OD heater
LEAD WIRE SIZE	22 ga.	18 ga.
MAXIMUM AMPERAGE	10 amps	15 amps
FEMALE NPT SIZE	1/8"	3/8"
MALE NPT SIZE	10 SCF	22 CFM
MAXIMUM CFM	Grounded	120"

MPI Morheat Air Heaters must be used with clean air only and are able to handle air temperatures as high as 1000°F. Please see the table below for more information on Air Heater Specifications.

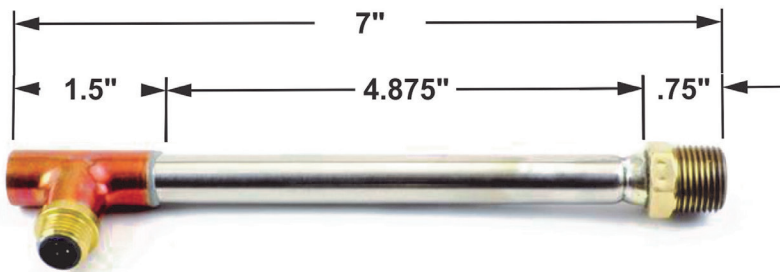
Outlet Temperature = Ambient Air Temperature + Temperature Increase ((watts x 3.2)/ CFM)

FITTING OPTIONS

AIR HEATER W/ FEMALE 1/4" FTP ON OUTLET

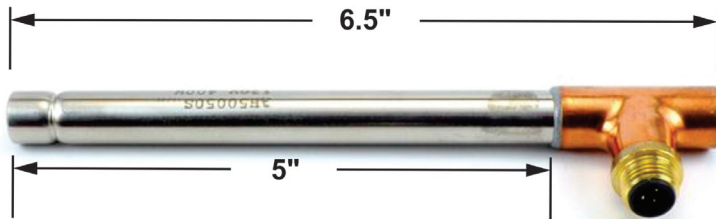


AIR HEATER WITH MALE 3/8" NPT ON OUTLET



TERMINATIONS

AIR HEATER WITH 3P PLUG



AIR HEATER WITH LEADS

