

Air Process Heaters

Air process heaters are powerful hot air units used in industrial and commercial processes. Air process heaters work via a range of different air flows and air pressures depending on what is needed for the application.

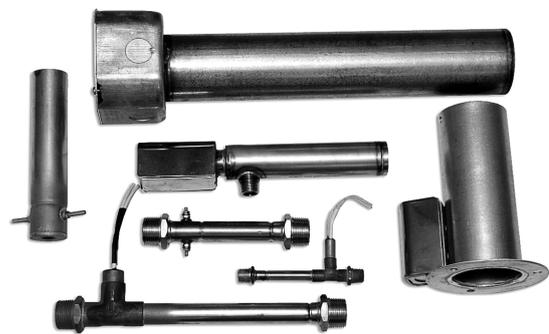
Applications

Typically used for:

- Precise heating for baking and drying products
- Perfect heat and air control to activate adhesive for laminating and sealing
- Consistent hot air for plastic welding and soldering.
- Pre-heating products and equipment for production.

Features and benefits

- Air process heaters generate hot air up to 650 °C with infinite control by varying the voltage and/or the air velocity.
- Air process heaters also have a greater efficiency and are eco-friendly compared to similar products.
- Air process heaters can operate at high temperatures and are a safe and robust option for these conditions, unlike fuel or combustion heaters.
- Argus Heating can custom design an air process heater to suit your requirements.



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Construction

- Aluminium or stainless steel body with brass or stainless steel fittings.
- Wide range of customisable options: sizes, styles, air flow, pressure rating, thermocouple, 230V or 120V.
- Smaller units are fitted with a tubing 'T' with fiberglass power lead outlet.
- Large units are supplied with screw and nut terminals within an enclosure

Specifications

Style	Description	Diameter (mm)	Length (mm)	Flow rate (l/sec)	Wattage (W)
Tee Type	SS Body with copper 'T', 80 psi, air	10 to 32	50 to 300	0.5 to 25	50 to 750
Maximum Flow	Aluminium or SS Body, low pressure	60	150 to 600	0.5 to 100	600 to 2000
Pure Flow	316 SS Body, 100 psi, clean air	32	150 to 600	0.5 to 7.5	100 to 1200
Heavy Duty	SS Body, 100 psi or vacuum	60	150 to 600	0.5 to 27.5	375 to 3000

Contact Argus Heating for expert advice on the best heating solution for your application.