

AIR HEATER

YOUR BEST DEFENSE
AGAINST CONDENSATION
FOR ROTARY ATOMIZERS

Fast Temperature Response

Automatic Tuning

Precision Control

PLC Interface Capable



In automated finishing applications, the expansion of pressurized air results in condensation. The Ransburg Air Heater is designed to reduce or eliminate condensation that may form in or on TurboDisks, Air Turbines, Fluidized Powder Beds or other pressurized applicators under certain operating conditions.

Ambient temperature in installations is hard to maintain. The Air Heater is designed to maintain the dew point of your operating air supply to ensure no moisture or condensation will occur on or in the applicator or associated lines. This results in the reduction of high voltage trip-outs and rejected parts due to excess moisture issues. Thus reducing maintenance and downtime.

The Ransburg Air Heater is an effective, low cost solution to condensation problems in high humidity climates.

AIR HEATER

SPECIFICATIONS:

Dimensions:	16.5" H x 10.31" W x 5.5" D (419 cm x 262 cm x 140 cm)
Weight:	23 lbs. / 10.43 kilograms
Dual Input Voltage:	120 VAC, 1ph., 13 amps or 240 VAC, 1 ph., 7 amps
Regulated Air	
Supply Pressure:	150 psi max / 689 kPa max
Filtration:	50 micron (Additional filtration may be required depending on applicator used. Refer to applicator manual for required filtration)
Air Flow Output:	5-60 scfm
Air Temperature	
Output Range:	50 F to 194 F / 10 C to 90 C
Mounting Location:	Outside hazardous location
Hook up Port:	Input & Output 1/2" NPT



Air Heater consists of state-of-the-art interior components and controls.

- **Fast Temperature Response** : heats up accurately and quickly allowing system users to ramp up production in a minimum of time.
- **Automatic tuning** : monitors temperature and checks for variations in air flow and corrects accordingly.
- **User friendly**: automatically programs itself after initial set up.
- **Self contained**: small, compact cabinet features plug 'n play components making it easy to fit into existing systems or add into integrated designs.
- **Precision control**: provides users with accurate temperature feedback via audible and visual alarms.
- **Fail safe feature** : system shuts down when no air is present at air pressure switch.
- **PLC interface capable.**

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