

PROCESS HEATING SOLUTION

AIR HEATER WITHOUT FINS

Robust High-Temperature Air Heating

Tubular electric heaters engineered for clean, reliable air heating where dust, debris or high air velocities can make finned structures unsuitable.

**ROBUST
DESIGN****CLEAN
SURFACE****RELIABLE
HEATING****LOW
CLOGGING**

APPLICATIONS

**Industrial
Process
Heating****HVAC Systems****Aerospace &
Defense****Food
Processing****Petrochemical****Laboratory
Equipment**

KEY FEATURES

- Tubular heating element construction
- Stainless steel / Incoloy sheath options
- Nickel-chromium resistance wire
- High-purity MgO insulation
- Simple non-finned, robust design
- Suitable for dust, debris & high air velocity

HOW IT WORKS

- 1 Resistance wire generates heat
- 2 MgO transfers heat to the metal sheath and provides insulation
- 3 Air flows over the tubular surface for controlled heating

APPLICATION ADVANTAGES

- ✓ Easier cleaning and less contamination risk
- ✓ Less prone to clogging than finned elements
- ✓ Robust performance in challenging conditions
- ✓ Suitable for high-temperature air heating

BEST SUITED FOR

- ✓ Drying ovens & curing systems
- ✓ Duct / space heating
- ✓ Environmental test chambers
- ✓ Baking, roasting & drying
- ✓ Gas heating in process lines
- ✓ Autoclaves & laboratory equipment

**ROBUST DESIGN**
For demanding environments**CLEAN HEATING**
Simple non-finned surface**RELIABLE LIFE**
Durable tubular construction**INDUSTRIAL SUPPORT**
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