

Environmental Control System Solutions

ITT has been providing the aerospace industry with air heaters for over 40 years. Our experienced design team allows us to meet your specific needs with the best overall solution.

Design Features

- Low cost
- Low noise
- Low weight
- Low pressure drop
- High efficiency
- High reliability
- Round and custom housings
- Large range of heat outputs
- Temperature control
- Compact

Applications

- Supplemental ECS heat
- Crew rest heaters
- Cargo bay heating
- Door and surface heaters
- Electronic bay heaters
- Demisting
- Galley heating

Construction

- Heater elements: Etched foil embedded in composite
- Body: Aluminum or composite
- EndFittings: Beaded or flanged

Programs

- Boeing 737, 747, 757, 767, 777, 787
- 717, MD11, MD80, MD90, Falcon SX, CSeries, C919
- F-16, C17

Specifications

- Voltage: 28 VDC or 115, 200 VAC
- Wattage: 50 to 6000 watts
- Power: Fixed heat output: 3 Phase; Variable heat output: Single Phase
- Flow Rate Range: 1 to 1200+ SCFM
- Operating Temperature: -160 to 250°F (-107° to 121°C)
- Weight: 0.7 to 4 lbs. (.318 to 1.8 kg)



Models

- **110 Series: Air Heater**
 - Thermostat or on/off control
 - Thermostat over temp control
 - Single or 3 Phase Power
- **120 Series: Fan Air Heater**
 - Integral fan design
 - Thermostat or on/off control
 - Thermostat over temp control
 - Single or 3 Phase Power
- **130 Series: Environmental System Heater**
 - Closed loop electronic temperature control
 - Integral fan design
 - Thermostat or on/off control
 - Thermostat over temp control
 - Single or 3 Phase Power
- **Customized Heaters**
 - Available in a wide variety of power, sizes, housing shapes and temperatures to meet our customers requirements.

AS9100 and ISO 9001 Certified
EASA Approved
FAA Approved Repair Station