



EXTREME TEMPERATURE AIR HANDLER

For requirements demanding a creative air handling solution, ETC offers our Custom Extreme Temperature Air Handler. ETC's Extreme Temperature Air Handler provides users with the ability to accurately control the temperature, humidity and airflow rate at a variety of set-points. With a heavy duty construction, reinforced housing and access doors, this unit can be used for indoor or outdoor applications.



TESTING & SIMULATION
SYSTEMS

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AIR HANDLER SPECIFICATIONS

APPLICATIONS

Custom Air Handling Application Per Client Specification

OPTIONS

Ventilation/Warm Up Mode
Scavenge and/or system

FEATURES

AIR HANDLER

Volumetric Airflow Flow Variable to 100,000 scfm

TEMPERATURE CONTROL

Dry bulb temperature range -40°C to 60°C

Temporal Control Stability ± 1.0 °C

Control Type Single point PID

Control Point At exit plane from supply duct

Sensor: Type T thermocouple

HUMIDITY/DEWPOINT CONTROL

Humidity Range 10 to 90% RH Between -40° C and 40°C

Control Stability: $\pm 3\%$ RH (1.0°C Dewpoint)

Sensor Type: Single Point PID

Sensor Location: At exit plane from supply duct

Sensor: Thin film capacitance (Vaisala or equal)

**Extended ranges available*



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