

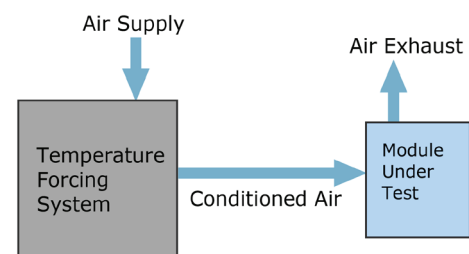
Temptronic ThermoStream® Temperature Forcing System

For high flow thermal conditioning of electronic modules

Initially designed for a customer-specific avionics application, this bench top system provides high volume, low pressure, temperature controlled air. The system delivers up to 43scfm of precisely controlled, clean dry air to condition a wide range of electronics modules and sub-assemblies. It is capable of cycling and holding at temperatures from 20 to 70°C.

Specifications

System Model	Temptronic AF-5.000.031
Temperature Performance	20 to 70°C* *wider temperature ranges available
Air Temperature Stability	± 1.0°C
Air Flow Rate	Adjustable, 6 to 43scfm (2.8 to 20.2 l/s)
System Dimensions	21.2H X 17.6W X 24.0D inches (53.8 X 44.7 X 60.9cm)
Air Connections	Input: 1" female NPT Output : 2" OD tube Includes 10' insulated hose
Power Requirements	Voltage: 220V (±10%), single phase Frequency: 60 Hz Max. Current Draw: 13A Service Required: 20A Includes 12AWG SO cable, L6-20 plug
Clean, Dry Air (CDA) Requirements	Filtered to 5 micron particulate contamination Oil Content: <0.1 ppm, by weight, filtered to 0.01 micron Dew point: <-15°C @ 100PSI
Input Air Supply Pressure and Flow	55psi, 45scfm
Input Air Supply Temperature	18 to 25°C
Ambient Operating Temperature	18 to 28°C (23°C nominal)
Ambient Operating Humidity	0 to 60% (45% nominal)
Compliance	Designed to meet CE / MET / UL / NRTL
Documentation	User's manual



Key Benefits

- Small footprint, bench top system
- Adjustable air flow, 6 to 43scfm
- Precision temperature control
- Local or remote communications (RS232, Ethernet, USB)
- Continuous, high volume, low pressure air for conditioning electronic modules

The inTEST Thermal family includes three temperature-related corporations: Temptronic, Sigma Systems, and Thermonics. Products include thermal chambers and plates, portable temperature environments, and process chillers.