

Blue M FR series Environmental Humidity Temperature Cycling Test Chamber

Model: FRS-251B



Representative photo

Blue M Environmental Humidity Temperature Test Chamber Specifications:

- **Temperature Range:**
 - -18°C to 93°C (200°F)
- **Voltage Requirements:**
 - 208v / 1ph

*The **Blue M FRS-251B** has comparable temperature & humidity specification as the current model **Blue M FRS-09B**, however the FRS-09B is 9 cu.ft. compared to the FRS-251B which is 6 cu.ft.*

Blue M FRP / FRS Temperature & Humidity Chambers have earned an enviable reputation for outstanding reliability and long service life in some of the most demanding **environmental testing applications** known. They cover an exceptionally broad range of operating conditions, are easy to program, and provide results that are measurably better today and over the long haul. You won't find a finer temperature / humidity testing chamber anywhere! This Blue M FRS chambers offer unequalled performance in **MIL-STD testing**. Their sophisticated, yet easy-to-use, control systems allow versatility that goes beyond military testing, tapping on a **vast array of temperature and humidity capabilities**.

Heavy Gauge Stainless Steel Exterior / Interior

- All exterior panels are reinforced type 304 stainless steel.
- Interior features reinforced 316 stainless steel.



All Welded & Sealed Construction

- Prevents migration of moisture and eliminates corrosion of seams.

Insulation

- 4 full inches of fiberglass.
- 2 full inches of urethane foam.

Shelves

- 2 stainless steel, electropolished wire-rod shelves within work chamber can be placed at 2" increments, standard with chamber.

Stainless Steel, Double Door Design

- Inner door with Pyrex® window seals chamber work area.
- Outer door is insulated and prevents heat loss.
- Inner glass door includes wiper

Water-Flow & Leveling

- Assures precise water management and metering.
- Utilizes "Y" type strainer, pressure regulator valve, flow control, solenoid valves and electronic water leveler.

Temperature Range:

- FRS series: -18°C to 93°C (200°F)

Humidity Range:

- 10% to 98%

Internal Dimensions:

- 25" W x 20" D x 20.75" H