Blue M HRP Series Continuous High-Temperature/High-Humidity Chambers

Blue M HRP Series Chambers provide high-range steady state humidity. These chambers are designed to deliver large volume high-temperature/high-humidity conditions. HRP chambers incorporate horizontal airflow and a one-pass airflow system for an easy-to-use, highly effective, temperature/humidity system. This air system uses room ambient air for cooling, dehumidification and chamber exhaust. The system controls the input of room temperature air, the mixing of room air and chamber air, and the exhaust volume.

Processing silicone rubber compounds and other products requires a high-moisture content for thorough, rapid curing. These chambers are also used to test rigid and flexible membranes and for aggressive high-temperature, high-humidity tests such as 85°C (185°F)/85% humidity.

General Specifications

- Temperature range: 15°C (59°F) above ambient to +150°C (+302°F)
- Humidity range: 10% to 98%
- Control system: Steady state recorder/controller
<table>
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<tr>
<th>Model #</th>
<th>Inside Dimensions Inches (CM)</th>
<th>Overall Dimensions Inches (CM)</th>
<th>Full Load Amps</th>
<th>Voltage 60Hz AC</th>
<th>Cubic Feet Capacity (Liters)</th>
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All specifications are subject to change without notice.
15C above ambient to +150C

### Standard Oven Options
- Nickel plated wire rod or stainless steel slotted shelves
- Door switch
- Motorized intake damper (two-position or proportional)
- Welded and sealed inner chamber
- 24-hour, 7-day digital process timer
- Circular chart recorder
- Reverse door hinge
- Glass observation panel(s)
- Floorstands
- Safety airflow switch on single-phase models
- Casters
- Comm-Link RS-485 to RS-232 converter

### Additional Options
- Additional lead-in ports
- Interior light
- Oversized one-pass airflow system for faster cool down
- Redundant overtemperature protection
- Rear access door(s)
- All stainless steel exterior construction
- Special control systems
- Vertical airflow
- Space-saving stack oven design
- Trace solvent safety package