Museum
Climate Controls

Model - M10



Features

- Accurate Reliable Positive Air Pressure humidity control for multiple display cases or storage spaces.
- Link-able – multiple units can stack together to condition larger volume
- Accurate (consistently delivers humidity within 2% of set point).
- Dual RH/T sensors for accurate measurement and control plus NO need for sample air tubing (accurate and easy installation).
- **Most energy efficient machine on the market** (90% less energy to our classic MCG30)
- **Special design heat energy recovery reduce waste heat to minimum**
- Positive pressure clean air supply prevent dust, pollutant and off gas pollutant from artifact are constantly flushed
- Simple installation – existing cases may be used with minor alterations.
- Small foot print (see specification below)
- Most Flexible Communication – BMS (RS485, TCP), on/off-site access through browser, “Cloud” database data *logging*
- Large 7” touch screen Color LCD Display for complete system status
- Unit can be placed up to 100 m away
- Designed and manufactured with the best available industrial quality components for extreme reliability

Specifications

- Capacity : 50-120 cubic meter with well seal case
- Tolerances : +/- 2% at RH set point
- RH Range : 35% - 70% (at 23°C)
- Operating Temperature : 17°C to 27°C (63°F to 81°F)
- Power : 100-240 VAC 50-60Hz / 5A
- Power Consumption : 110V/2.4A at 50%RH / 21°C (average)
- Size : 500mm (w) x 500mm(d) x 810mm (h)
- Weight : 40 Kg / 90 lb (without water)
- Intake Air filters : Activated carbon filter, supplied with the unit
- Water feed : Reverse osmosis filter

Installation Requirement

- Display cases leakage - better than 0.3 air changes per day
- Minimum clearance space 700mm (W) x 700mm (D) x 1000mm (H)
- Force Air Ventilation at least 200 CFM / ambient temperature <23°C
- Water supply (20-40 PSI) and floor drain
- Air supply pipeline or hose to showcase from unit
- Standard Power outlet 110VAC/15A or 220V/10A

Systems Included

- Air supply diverting valve (Build in)