

Specification

| Series | | QL1102.2SS iC |
|---|----------------|---|
| Volume | liter | 1365 |
| Interior dimension | | |
| Width | mm | 1700 |
| Height | mm | 1350 |
| Depth | mm | 595 |
| Exterior dimension | | |
| Width | mm | 1780 |
| Height (with roller) | mm | 1970 (2070) |
| Depth (with handle) | mm | 850 (930) |
| Shelves (standard/max) | number | 6/18 |
| Electrical supply ($\pm 10\%$) 50/60 Hz | V | 230 |
| Unit nominal power | W | 2700 |
| Doors | number | 3 |
| Type of doors | | Compression door lock |
| Access port for probe calibration and mapping | | Yes |
| Cooling system protection from power shock | | Delay on |
| Refrigerant for cooling system | | R-134a (Non - CFC) |
| Humidification system | | Steam blow system by individual/separated blower with conductance value of water feeding is 10 - 100 μ S (recommended) |
| Material | | Polished stainless steel SUS 304 |
| Probe/sensor accuracy | | $\pm 0.8\%$ RH, ± 0.1 K at 10...30 °C |
| Long-term stability, humidity sensor | | <1%RH, 0.1°C / year |
| Validation of analog and digital transmission (loop validation) | | Enable |
| Temperature range without humidity (at room temp. 30 °C) | °C | +10 – 60 |
| Temperature fluctuation when cooling is operated | $\leq \pm$ °C | 0.3 |
| Temperature variation with humidity | $\leq \pm$ °C | 1.0 |
| Humidity range | %RH | 30 – 90 |
| Humidity fluctuation with temperature | $\leq \pm$ %RH | 2.0 |
| Humidity variation with temperature | $\leq \pm$ %RH | 3.0 |
| Recovery time after 30 seconds for 1 door open at 25°C/ 60%RH | minutes | 10 |
| Recovery time after 60 seconds for 1 door open at 25°C/ 60%RH | minutes | 15 |
| Controller | | Intelligent Control System |
| Off-line logging power back-up | | External battery |
| Sensor type | | Pt 100 class A (temperature), Rotronic HYGROMER® IN-1 (humidity) |
| Sensor and display resolution for temp. and humidity | | 0.01 |
| Sensor calibration and adjustment : | | |
| - 1-point or multi-point humidity calibration or adjustment | | Yes |
| - 1-point or 2-point temperature calibration or adjustment | | Yes |
| Setting, Logging and Monitoring | | By external PC (exclude) and individual LCD display on chamber |
| Software | | Fully comply to FDA CFR 21 Part 11 and GAMP5 with features : data-logging, data storage, calculation of various humidity parameters, graphic functions |
| Port data access | | RJ45 (Ethernet) |
| Network | | Networkable via RS485 up to 64 units |
| Alarm | | Central Alarm System |
| Logging method | | On-line and Off-line logging |
| Memory capacity | | 512 MB (saves 47,000 data records per MB card storage capacity) |
| Safety/Protection | | |
| Overshoot temperature safety device | | Cut off the main power and completed with output |
| Low level water protection | | Cut off the heating element of humidification system |

Custom specifications and configurations are available, please contact us.