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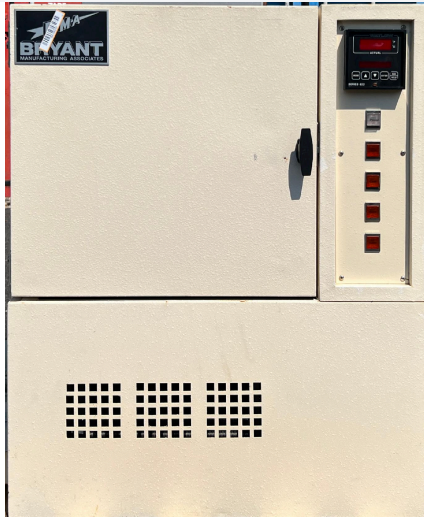
Data Sheet

August 15, 2026

BRYANT

BMA Bryant ECL-1 Environmental Chamber

Queue model ECL-1 is the BMA Bryant ECL-1 environmental / humidity chamber. A documented ECL-1 humidity configuration (BMA-69256-ID listing) states 14 × 13 × 13 inch high workspace, 0 C to plus 94 C, 20 to 98 percent RH, Watlow 998 programmable controller, Honeywell DR4300 two-pen recorder. A separate marketplace listing identifies ECL-1 as LH-1.5 legacy with Watlow Series 922, humidity, 120 V 60 Hz. Those rows are documented ECL-1 configurations, not claim that every ECL-1 serial matches 14 × 13 × 13 inch. Exact interior, span, and RH of this remaining-queue serial are on the ECL-1 nameplate. Temperature and humidity environmental testing in a Bryant/AES legacy ECL-1 chamber. Temperature and humidity environmental testing in a Bryant/AES legacy ECL-1 chamber. Humidity-capable legacy (LH-1.5 identity on one listing) Documented 14 × 13 × 13 inch, 0 to plus 94 C, 20 to 98 percent RH configuration Instrument Type: environmental / humidity chamber



MODEL

Bryant ECL-1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ECL-1

LISTING

<https://aumictechlabs.com/products/ecl-1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BMA Bryant ECL-1 is identified as a component within a larger environmental testing system, specifically an Associate LH-1.5 Environmental Chamber. This unit works with precise temperature and humidity control, making it suitable for various testing and validation processes in laboratory and industrial settings. Its historical context as a legacy product from BMA Bryant, now often associated with Associated Environmental Systems (AES), indicates its solid design for

demanding applications. Technical Specifications * Model Series: ECL-1 (often found in conjunction with LH-1.5 designation) Manufacturer: BMA Bryant (legacy manufacturer, products often serviced/supported by Associated Environmental Systems) Product Type: Environmental Chamber Component / Control Module Key Functions: Temperature and Humidity Control Temperature Range: 5 to 94°C Humidity Range: 20-90% RH Controller Option: 922 Watlow Series 922 Controller is an available option Power Input: 120V, 60 Hz is an available option Humidity Control Option: "HUM" indicates a humidity control capability Legacy Status: Identified as a legacy test chamber product Electrical Specifications * Voltage: 120V (as an available option) Frequency: 60 Hz (associated with 120V option) Interfaces and Control * Controller: Often utilizes a Watlow Series 922 Controller, indicating precise setpoint and PID control capabilities for temperature and humidity. System Integration: Functions as a control module within larger environmental chambers, managing heating and cooling cycles. Physical Characteristics * Form Factor: Part of an environmental chamber unit; specific dimensions not detailed in available documentation for the ECL-1 module itself. Compatibility and Application * Application: Suitable for environmental testing, product validation, and stability studies requiring precise control of temperature and humidity. System Type: Integrated into environmental chambers for simulating various climatic conditions. Legacy Equipment: Parts and service for BMA Bryant legacy equipment may be available through Associated Environmental Systems (AES) or other specialized service providers. Why Choose Aumictech for the BMA Bryant ECL-1? At Aumictech, we specialize in providing critical components and support for specialized environmental testing equipment. Whether you need a replacement control module for your BMA Bryant ECL-1 system, require expert technical consultation for integration, or seek a complete environmental chamber solution, our team ensures your testing applications achieve maximum performance and reliability.

ECL Characteristics / Specifications

PARAMETER	VALUE
Model	ECL-1
Instrument Type	environmental / humidity chamber
Documented Workspace	14 × 13 × 13 inch high on BMA-69256-ID ECL-1 humidity listing
Documented Temperature	0 C to plus 94 C on BMA-69256-ID ECL-1 listing
Documented Humidity	20 to 98 percent RH on BMA-69256-ID ECL-1 listing
Documented Controller	Watlow 998 programmable on BMA-69256-ID listing
Documented Recorder	Honeywell DR4300 two-pen on BMA-69256-ID listing
Legacy Identity	LH-1.5 onadocumented ECL-1 marketplace listing
Alt Controller	Watlow Series 922 on the LH-1.5 listing
Mains Listing	120 V 60 Hz on the LH-1.5 listing
Manufacturer	BMA Bryant / Associated Environmental Systems
Literature	BMA Bryant ECL-1 listings (BMA-69256-ID humidity row; LH-1.5 / Watlow 922 row)
Family	BMA Bryant / AES legacy environmental chambers
Form Factor	humidity/temperature test chamber
System Role	temperature and humidity environmental test
Brand Lineage	Bryant BMA AES
Queue Title	BMA Bryant ECL-1 Environmental Chamber
Documentation Type	OEM ECL-1 listings
Use Case	humidity and temperature soak / cycle
Vendor Path	Bryant / AES
Volume Class	interior volume on this serial nameplate if it differs from the 14 × 13 × 13 listing
Range Class	temperature span on this serial nameplate
Humidity Class	RH span on this serial nameplate
Ate Class	environmental test

PARAMETER	VALUE
Host Class	reach-in humidity chamber
Humidity	chamber

ECL Specifications

PARAMETER	VALUE
Applications	Temperature and humidity environmental testing in a Bryant/AES legacy ECL-1 chamber.
Key Features	BMA Bryant ECL-1 environmental chamber
Technical Specifications	Model: ECL-1

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Humidity	chamber. A documented ECL-1 humidity configuration (BMA-69256-ID listing) states 14 × 13 × 13 inch high workspace, 0 C to plus 94 C, 20 to 98 percent RH, Watlow 998 programmable controller, Honeywell
Model	ECL-1
Instrument Type	environmental / humidity chamber
Documented Workspace	14 × 13 × 13 inch high on BMA-69256-ID ECL-1 humidity listing
Documented Temperature	0 C to plus 94 C on BMA-69256-ID ECL-1 listing
Documented Humidity	20 to 98 percent RH on BMA-69256-ID ECL-1 listing
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PARAMETER	VALUE
Humidity Class	RH span on this serial nameplate
Ate Class	environmental test
Host Class	reach-in humidity chamber Notes

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Environmental Chamber

Overview

Queue model ECL-1 is the BMA Bryant ECL-1 environmental / humidity chamber. A documented ECL-1 humidity configuration (BMA-69256-ID listing) states 14 x 13 x 13 inch high workspace, 0 C to plus 94 C, 20 to 98 percent RH, Watlow 998 programmable controller, Honeywell DR4300 two-pen recorder. A separate marketplace listing identifies ECL-1 as LH-1.5 legacy with Watlow Series 922, humidity, 120 V 60 Hz. Those rows are documented ECL-1 configurations, not a claim that every ECL-1 serial matches 14 x 13 x 13 inch. Exact interior, span, and RH of this remaining-queue serial are on the ECL-1 nameplate.

Applications

Temperature and humidity environmental testing in a Bryant/AES legacy ECL-1 chamber.

Key Features

BMA Bryant ECL-1 environmental chamber
Humidity-capable legacy (LH-1.5 identity on one listing)
Documented 14 x 13 x 13 inch, 0 to plus 94 C, 20 to 98 percent RH configuration
Watlow programmable controller class
AES / BMA / Bryant legacy line

Technical Specifications

Technical Specifications

PARAMETER	VALUE
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Instrument Type	environmental / humidity chamber
Documented Workspace	14 x 13 x 13 inch high on BMA-69256-ID ECL-1 humidity listing
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PARAMETER	VALUE
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Documentation Type	OEM ECL-1 listings
Use Case	humidity and temperature soak / cycle
Vendor Path	Bryant / AES
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Range Class	temperature span on this serial nameplate
Humidity Class	RH span on this serial nameplate
Ate Class	environmental test
Host Class	reach-in humidity chamber

Notes

From BMA Bryant ECL-1 listings: BMA-69256-ID (14 x 13 x 13 inch, 0 to plus 94 C, 20 to 98 percent RH, Watlow 998, DR4300) and LH-1.5 / Watlow 922 / 120 V 60 Hz. This serial's nameplate wins if it differs.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.