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Labconco FreeZone 2.5 Plus Benchtop Freeze Dryer with Edwards RV5 Vacuum Pump





Collector temperature of ?84 °C with Edwards RV5 vacuum pump.

Rating: Not Rated Yet
Price
Sales price $8,950.00

Ask a question about this product

ManufacturerLabconco

Description
Compact benchtop lyophilizer designed for the research and pilot-scale freeze-drying needs of laboratories. This system reaches a collector temperature of ?84 °C and includes an Edwards RV5 two-stage oil-sealed rotary vane vacuum pump (SN 190036370, code A65301906) that meets the required displacement for reliable vacuum performance.

Key Features

Large, intuitive touchscreen display for onboard control and monitoring of process parameters (collector temperature, vacuum level, recipe programming, data collection/storage, and more).
Alert system that signals when samples have reached dryness.
Upright stainless steel collector coil with 2.5 L ice-holding capacity.
Patented moisture sensor, vacuum control valve, and vacuum break valve.
Compact benchtop design with small footprint; 3-inch diameter port for drying accessories (sold separately).
Includes Edwards RV5 rotary vane vacuum pump for high-vacuum operation.

Specifications

Model: FreeZone 2.5 Plus (7670021 / equivalent)
Collector temperature: ?84 °C (?119 °F)
Ice holding capacity: 2.5 L
Style: Benchtop
Electrical: 115 V, 60 Hz, 16 A (North American plug)
Conformance: CAN/CSA C22.2, ETL, UL
Dimensions: approximately 15.1" W × 23.2" D × 16.9" H (38.4 × 58.9 × 42.9 cm)
Vacuum pump requirement: ? 86 L/min displacement (satisfied by included Edwards RV5)
Included vacuum pump: Edwards RV5 (two-stage oil-sealed rotary vane) Pumping speed: ~5.1 m³/h (? 85–100 L/min depending on frequency)
Ultimate pressure: 2.0 × 10?³ mbar (1.5 × 10?³ Torr)
Weight: 25 kg
Inlet/exhaust: NW25
Noise level: ~48 dB(A)
Recommended oil: Ultragrade 19

Comes with our 90-day warranty.

Biotech Equipment Sales, Inc.: based in South San Francisco, the Biotech capital of the world, since 2009. We are dedicated to bringing high-quality pre-owned laboratory instrumentation to our scientific community.

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