

### Evolution Series • Model EVOx-U1F-LB

#### Dimensions & Specifications

Exterior Size WxDxH (Inches)	24" x 28" x 32"
Interior Size WxDxH (Inches)	19.5" x 21.5" x 17.375"
Hinged Solid Door	1
Interior Capacity (Cu/Ft)	4.2
Powder Coated Shelves	2
Shipping Weight	175 lbs.

#### Refrigeration System

Refrigerant	R-404a
Refrigerating Cycle	-30° C ~ -15° C
Refrigeration System	Expansion Valve, Forced Air
Defrost Method	Automatic

#### Electrical System

Horse Power	1/3+
Power Supply	115/60/1
Amps	FLA (8.0) RLA (6.1)
BTU	1100 (REV 3.1)
NEMA Plug	5-15P

#### Controller Specifications

Digital Microprocessor	LCD Screen
Touch Key Pad	Multi-program
High/Low Visual Alarm	Yes
High/Low Audible Alarm	Yes
Migali® IntelVU®	Optional*

#### Construction

Exterior	304 Series Stainless Steel
Interior	304 Series Stainless Steel
(1) Hinged Solid Door	304 Series Stainless Steel Door
Heavy-Duty Hinges	Chrome, Side-mount
Positive Latch Handle	Chrome w/ lock and key

#### Other Features

Access Port	Right Side, 2.125" Diameter
Product Simulator	Glycol & Probe Included
Leveling Feet	(4) 1/2-13 rubber feet

#### Warranty Protection Plan

Compressor	7 years
Parts	2 years
Labor	1 year

#### Certifications

ETL Electrical-Intertek	cETLus
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#### Migali® IntelVU® Controller & Temperature Monitoring System

- Digital microprocessor: Precise temperature control within (+/-) 1°
- Temperature Monitoring: View and record temperature logs
- Event Logs: View and record all events logs
- USB port: Download all temperature and event logs
- Multiple Alarms: Up to (12) visual and audible alarms
- Dry contacts: Max 1.A /24 VDC .5A / 125 VAC
- View additional IntelVU® specifications on page 3



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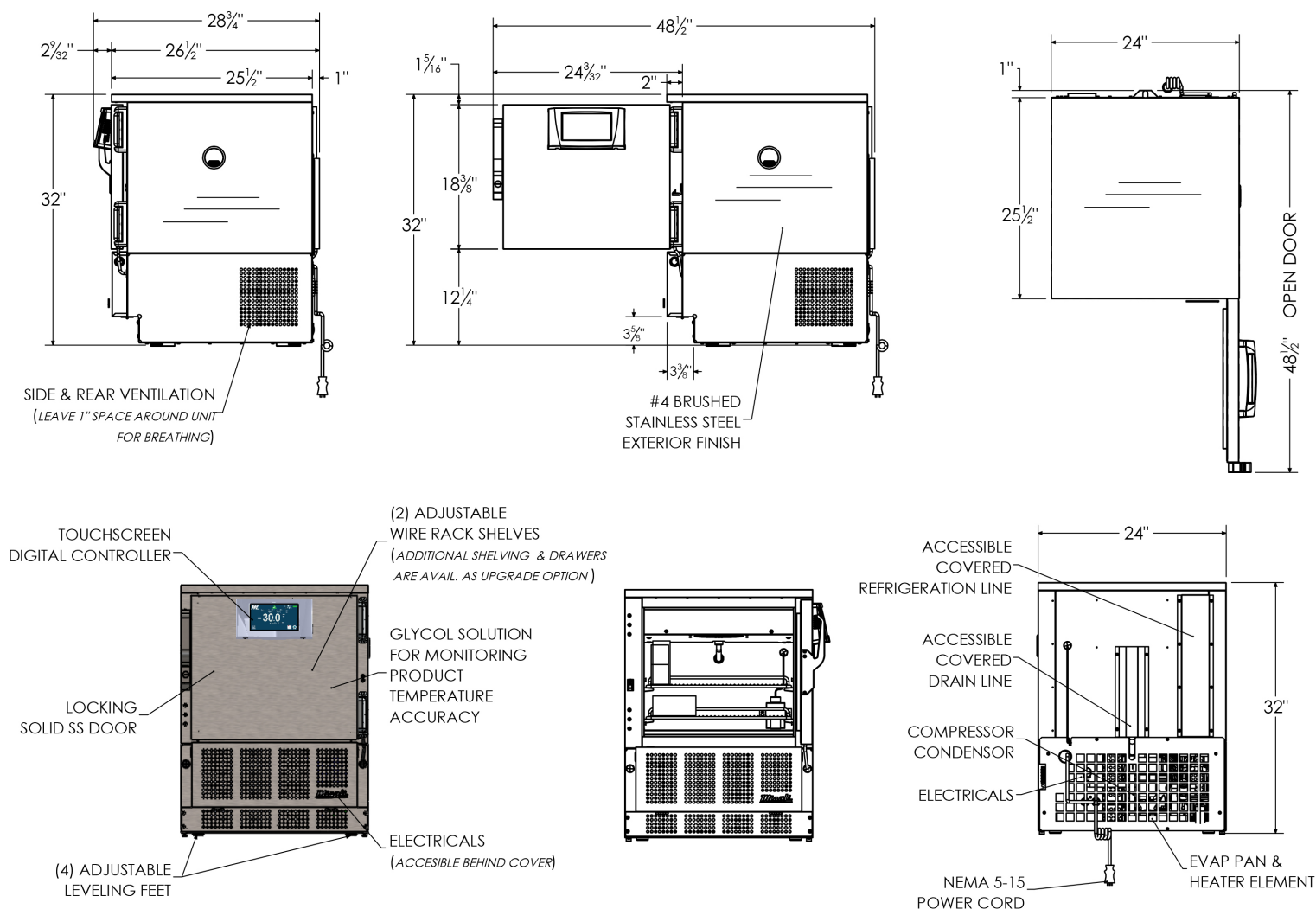
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Evolution Series • Model EVOx-U1F-ADA



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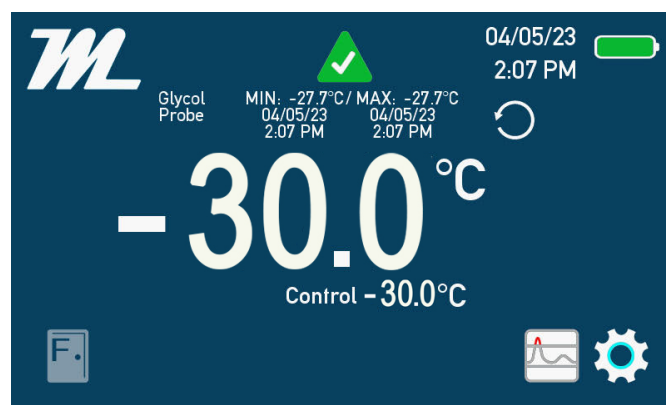
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## IntelVu® - Touch Screen

### Specifications

Temp Probe Inputs - Standard	Qty (6) NTC Thermistor probe inputs: Cabinet, Defrost, Alarm/Display, Suction, Discharge, Aux
Temp Probe Inputs - Optional	Requires optional 0.1°C Hi-Accuracy Module: Qty (2) RTD's. For precision RTD probes (4-wire PT1000), min +/- 0.2°C accuracy Suggested +/- 0.2°C probe accuracy to achieve system accuracy of +/-0.5°C for CDC Compliance.
Analog out	0-5VDC output for any probe for external devices
Alarm (Logged + Relay output)	12vDC. Following alarms can be logged AND operate the alarm relay: Door; Temp; Power Fail. Temp Alarms: Hi/Low alarms on up to (3) probes, i.e. 2 alarms per probe, 6 total. User configurable. Door Alarms: User configurable by time, for example door open > 60sec. Power Fail: AC power loss If IoT supplied, any of the above can be remotely transmitted.
Power Fail & battery back up	Power Loss monitoring of AC to the control. If power is lost the date/time is logged and all data is saved. Configurable Alarm on display and external on power resume. Battery Backup: Battery input on the control allows ongoing temperature monitoring during power loss.
Communications	RS-485: On board, communications to display, (optional) 0.1°C hi-accuracy module, IoT, etc. USB: (on touchscreen). For data download, log upload/download, SW updates, etc. Serial TTL: For programming and other OEM specific uses.
Temp Control Accuracy	Standard Control design accuracy*: -0.46°C to +0.57°C at 0°C. Optional (Add 0.1°C Hi-Accuracy Module: +/- 0.1°C + precision RTD probe accuracy.
Temperature Precision	Temperature can be set in 0.1°F (0.1°C) increments. Monitored/logged same precision.



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