

# TECHNICAL DATA SHEET

## MODEL UP668F FREEZER



Consistent freezing performance to safeguard valuable laboratory samples.

1.7  
°C

Temp.  
Uniformity

127  
Minutes

Pull-Down  
to -30°C

38  
Minutes

1-Minute  
Door Opening

Test Under Energy Star standard (Lab Grade Freezer)

### SPECIFICATIONS

#### → -15 to -30°C Freezer

Model	UP668F
Capacity	668L (23.6 cuft)
Internal Chamber Size (W X D X H)	700 X 715 X 1296mm (27.6 X 28.1 X 51.0 in)
External Size (W X D X H)	883 X 890 X 1936mm (34.5 X 35.0 X 76.2 in)
Package Size (W X D X H)	938 X 1018 X 2086mm (36.9 X 40.0 X 82.1 in)
Product Weight (Kgs/Lbs)	156kg (343.92 lbs)
Shipping Weight (Kgs/Lbs)	199kg (438.72 lbs)

#### → Performance

Temperature Range	-15 to -30°C
Ambient Temperature	16-32°C
Climate Class	Indoor Use Only
Controller	Microprocessor
Display	Digital Display
Noise	50.6 dB(A)

#### → Refrigeration

Compressor	Single
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R290
Insulation Thickness (mm)	D:80, L/R:80, B:80

## → Construction

External Material	Carbon Steel Coated Plate
Inner Material	Sprayed Aluminum Plate
Shelves	4
Access Test Port	1 pc. 025mm
Casters	4 (2 Leveling Feet)
Data Logging/Interval/Max. Data Cap.	USB/Record every 10 minutes/100,000 data
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes

## → Alarms

Temperature	High/Low Temperature, High Ambient Temperature, Condenser Overheating Alarm
Electrical	Power Failure, Low Battery, Data Logger Failure
System	Sensor Error, Door Ajar, Data Communication Failure

## → Electrical

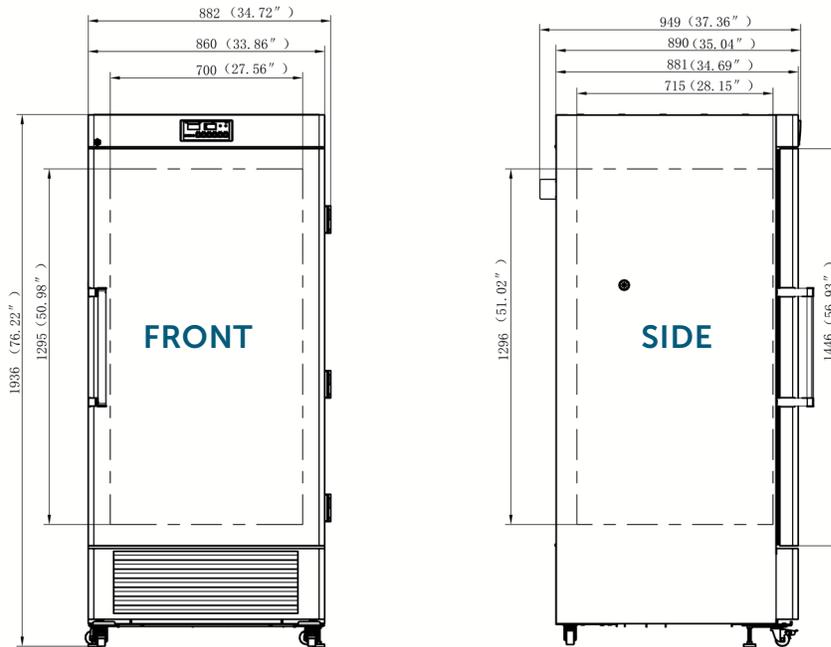
OPTION 1	OPTION 2
110V	220-240V
3.68A	3.0A

## → Certifications

UL (2024-08-26 - E509170)

Manufacturing Facility certified to ISO 9001:2015 and ISO 13485:2016 quality management system standards  
 Medical device classification: Class II (U.S), Class IIa (EU MDR)

## DIMENSIONS



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REDEFINING COLD