

## Model

i.Series® iLF120 Upright Laboratory Freezer

## Specifications

Application, Rating and Electrical Data	
Application	Storage of medical and scientific products
Storage Volume	20.2 cu ft (572 L)
Temperature Range	-15° to -30°C
Electrical Power	115V 60Hz 208/230V 60Hz 230V 50Hz
Maximum Current	8.5 FLA / 4.6 FLA / 4.1 FLA
Building Supply Rating	15 amp dedicated ground circuit
Power Plug / Power Cord Length	NEMA 5-15 hospital grade plug (115V) NEMA 6-15 hospital grade plug (208/230V 60Hz) CEE 7/7 plug (230V 50Hz) 8-10 ft (2439-3048 mm)
Certification / Agency Listing	QPS (Certified to UL and CSA Standards)
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive, 15°C to 32°C (59°F to 90°F)
Refrigeration System	
Refrigeration System	Forced-air circulation
Compressor / Number	1.25 HP hermetic / 1
Condenser Type / Number	Air-cooled fin and tube / 1
Expansion Device	TXV valve
Evaporator Type	Air-cooled fin and tube
Defrost Method	Automatic, programmable
Refrigerant Charge	R404A Non-CFC
Performance Data	
Uniformity	+/-2°C at -30°C Setpoint
Warranty	
Rel.i™ (US/Canada)	5 years compressor, 2 years parts, 1 year labor
Outside US/Canada	Consult your local representative

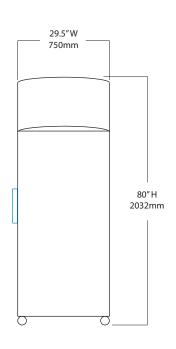
Controller		
Interface	i.C <sup>3</sup> . eye-level, color touchscreen	
Power Switch	On/Off with circuit breaker	
Controller Type	Microprocessor with touchscreen input and display. Includes USB port for data retrieval.	
Security	Lockable door, password protected settings, optional PIN access	
Control Sensor	RTD	
Communication Ports	(2) USB Ports (1) RJ45 Hub (1) RS232 Port (optional)	
High / Low Alarms	Fully adjustable	
High / Low Alarm Test	Automatic (Peltier)	
Door Ajar Alarm	Fully adjustable	
Power Failure Alarm	Yes	
Condenser Temperature Alarm	Fully adjustable	
Event Log	All alarms, door openings, download via USB	
Temperature Log	60 days, download via USB	
Access Log	60 days, download via USB	
Interactive Temperature Graph	Yes	
Min/Max Display and Reset	Yes	
Battery Back-up	20 hour display and alarm battery back-up for i.C <sup>3</sup> - touchscreen (rechargeable 12V, lead acid battery)	
Dimensions and Construction		
Interior (w x h x d)	24.75 x 58.25 x 24.25 in 629 x 1480 x 616 mm	
Exterior (w x h x d)	29.5 x 80 x 29.5 in 750 x 2032 x 750 mm	
Overall Exterior (w x h x d) (Includes door handle, electrical panel, and evaporation tray)	30.75 x 80 x 32.5 in 782 x 2032 x 826 mm	
Insulation	Minimum of 2" (51mm) non-CFC foamed urethene insulation	
Exterior / Interior Finish	Bacteria-resistant powder coating	
Doors	1, Solid	
Access Ports	Top for external monitoring probe(s)	
Perimeter Heater	Mullion Electric Heater	
Interior Storage / Capacity	4 epoxy coated shelves 22 x 23 in (559 x 585 mm) 100 lb (46 kg) max capacity / shelf	
Casters	Standard / swivel locking	
Integrated Access Control	Optional - Electromagnetic lock via i.C <sup>3</sup> User Interface PIN	
Net Weight	443 lb (201 kg)	
Shipping Weight	533 lb (242 kg)	
Clearance Requirements	Minimum of 8" (203mm) above and 3" (76mm) behind unit.	
Options / Accessories	Chart Recorder, Floor & Wall Bracket Kit, Remote Alarms, Leveling Feet, Stainless Steel Interior, Remote Lock Adapter Kit, Extended Warranty	

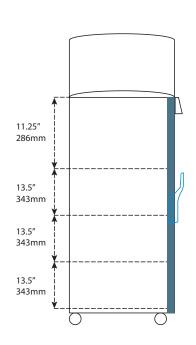


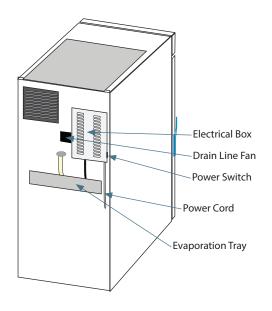


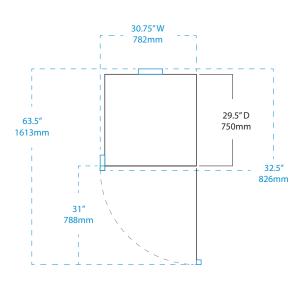












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