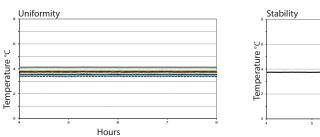
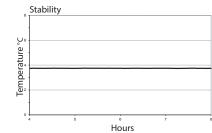


Technical Data Sheet High-Performance, Medical-grade Refrigerator Model: iLR256-GX, i.Series® Laboratory / Upright

ApplicationHigh performance storage of medical and scientific productsUniformity  'C+/-1.0Storage Volume56 cu ft   1586 LRecovery to 8°C after 3 min door opening   min7Temperature Range+2°C to +10°C0.07Set Point+4°C0.07Electrical Power115V 60Hz   220-240V 50/60HzEnergy Consumption   kWh/day3.94Maximum Current4.3A   2.5ANoise emission   dB52Heat Rejection / Emission   BTU/hr1195Pacility Supply RatingBranch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements 1120V Ac: 15 A fuminimum)46Power Plug/Power Cord LengthNEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord optionsAll performance data from 56 cu ft refrigerator, 24.8°C ambient, 4.0°CCertification/Agency ListingOp5 (certified to UL and CSA Standards) IEC/ULG1010-2-01: 2016   IEC 61010-1:2010, AMD1:2016Recovery after consecutive 8 second door openingsApplication EnvironmentNon-corrosive, non-flammable, non-explosiveMotor use only, non-residentialAmbient Operating Temperature+15°C to +32°C   +59°F to +90°FMotor use only, non-residentialRefrigerationNon-corrosive, non-flammable, non-explosiveMotor use only, non-residentialAmbient Operating Temperature+15°C to +32°C   +59°F to +90°FRefrigerationHis*C to +32°C   +59°F to +90°F
Temperature Range       +2°C to +10°C       0.07         Set Point       +4°C       0.07         Electrical Power       115V 60Hz   220-240V 50/60Hz       8tability   °C       0.07         Maximum Current       4.3A   2.5A       Noise emission   dB       52         Heat Rejection / Emission   BTU/hr       1195         Facility Supply Rating       Branch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements       110-1200 AC: 15 A (minimum)       46         220-240V AC: 10 A (minimum)       220-240V AC: 10 A (minimum)       46       All performance data from 56 cu ft refrigerator, 24.8°C ambient, 4.0°C         Power Plug/Power Cord Length       NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options       Recovery after consecutive 8 second door openings         Certification/Agency Listing       QPS (Certified to UL and CSA Standards) IEC/ULG1010-2:01: 2016   IEC 61010-1:2010, AMD1:2016       8         Energy Star       Yes       9         Indoor //Outdoor Use       Indoor use only, non-residential       4
Set Point       +4°C         Electrical Power       115V 60Hz   220-240V 50/60Hz         Maximum Current       4.3A   2.5A         Facility Supply Rating       Branch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements 110-120V AC: 15 A (minimum) 220-240V AC: 10 A (minimum) 220-240V AC: 10 A (minimum) 10-120V AC: 15 A (minimum) 10-120V AC: 15 A (minimum) 10-120V AC: 15 A (minimum) 220-240V AC: 10 A (minimum) 10-120V AC: 15 A (minimum) 220-240V AC: 10 A (minimum) 10-120V AC: 15 A (minimum) 10-120V AC: 10 A (minimum
Electrical Power       115V 60Hz   220-240V 50/60Hz         Maximum Current       4.3A   2.5A         Facility Supply Rating       Branch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements 110-120V AC: 15 A (minimum) 220-240V X C: 10 A (minimum)         Power Plug/Power Cord Length       NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options         Certification/Agency Listing       QPS (Certified to UL and CSA Standards) IEC/UL61010-2-01: 2016   IEC 61010-1:2010, AMD1:2016         Energy Star       Yes         Indoor /Outdoor Use       Indoor use only, non-residential
Maximum Current       4.3A   2.5A         Facility Supply Rating       Branch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements 110-102 VAC: 15 A (minimum) 220-240V AC: 10 A (minimum)       Heat Rejection / Emission   BTU/hr       1195         Power Plug/Power Cord Length       NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options       All performance data from 56 cu ft refrigerator, 24.8°C ambient, 4.0°C         Certification/Agency Listing       QPS (Certified to UL and CSA Standards) IEC/UL61010-2:01: 2016   IEC 61010-1:2010, AMD1:2016       Recovery after consecutive 8 second door openings         Indoor/Outdoor Use       Indoor use only, non-residential       Indoor use only, non-residential       All performance data from 56 cu ft refrigerator, 24.8°C ambient, 4.0°C
Facility Supply Rating       Branch circuit with earth ground, meeting plug/cord ratings as well as local electrical safety codes and requirements 110-120V AC: 15 A (minimum) 220-240V AC: 10 A (minimum)       Pull-down time to 4°C   min       46         Power Plug/Power Cord Length       NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options       All performance data from 56 cu ft refrigerator, 24.8°C ambient, 4.0°C         Certification/Agency Listing       QPS (Certified to UL and CSA Standards) IEC/UL61010-2:01: 2016   IEC 6010-1:2010, AMD1:2016       Recovery after consecutive 8 second door openings         Indoor/Outdoor Use       Indoor use only, non-residential       Indoor use only, non-residential       Indoor use only, non-residential
safety codes and requirements 110-120V AC: 15 A (minimum) 220-240V AC: 10 A (minimum)         Power Plug/Power Cord Length       NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options         Certification/Agency Listing       QPS (Certified to UL and CSA Standards) IEC/UL61010-2-01: 2016   IEC 61010-1:2010, AMD1:2016         Energy Star       Yes         Indoor /Outdoor Use       Indoor use only, non-residential
Power Plug/Power Cord Length     NEMA 5-15 hospital-grade   115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional plug/cord options     Recovery after consecutive 8 second door openings       Certification/Agency Listing     QPS (Certified to UL and CSA Standards) IEC/UL61010-2-01: 2016   IEC 61010-1:2010, AMD1:2016     Recovery after consecutive 8 second door openings       Indoor/Outdoor Use     Indoor use only, non-residential     Indoor use only, non-residential
IEC/UL61010-2-01: 2016   IEC 61010-1:2010, AMD1:2016       Energy Star       Yes       Indoor/Outdoor Use       Indoor use only, non-residential
Indoor/Outdoor Use Indoor use only, non-residential
Application Environment       Non-corrosive, non-flammable, non-explosive       gradient         Ambient Operating Temperature       +15°C to +32°C  +59°F to +90°F       99 4         Refrigeration       92 4
Ambient Operating Temperature +15°C to +32°C   +59°F to +90°F  Refrigeration
Refrigeration System VCC compressor-based, forced-air hydrocarbon .
Compressor Hermetic, variable speed (VCC). Rated speed range: 1300-4000 rpm
Condenser Type Air-cooled fin and tube, sealed
Expansion Device Cap tube Elapsed Time (min)
Evaporator Type Direct expansion with forced-air fin and tube
Defrost Method Automatic Typical Temperature Map
Refrigerant R600a, Isobutane, EPA SNAP compliant 56 cu ft. Temperature Map °C
Controller / Configuration Settings
User Interface i.C3° color touchscreen, door mounted, 7in   177mm, °C or °F
Power Switch On/Off
Controller Type Microprocessor with touchscreen input & display
Security Lockable doors, password protected settings
Control Sensor RTD, stainless steel RTD, stainless
Communication Ports USB, Remote alarm contacts, RJ45 (Ethernet). API available for Ethernet connectivity development
Power Failure Alarm         Yes         2LM         3.7         3.8         3.7
High/Low Alarms - Tests Yes, fully adjustable, automatic (Peltier) testing
Door Ajar Alarm Yes, fully adjustable
Condenser Temperature Alarm Yes, fully adjustable
Min/Max Temperature Yes, display and reset
Download Yes, via USB. CSV and PDF Location of lest Probes 4LFL 4.3 4.3 4.3
Event Log         4LFR         4.1         4.2         4.1           Event Log         Yes, all alarms, door openings, download via USB         4000         2.0
Image: Answer and a state of a s
Interactive Temperature Graph Yes
Temperature Monitoring Ballast Yes, two 4 oz bottles with screw caps, solid ballasts optional
Battery Back-up Yes, 20 hr display & alarm back up for i.C3° touchscreen   Rechargeable 12V, lead acid



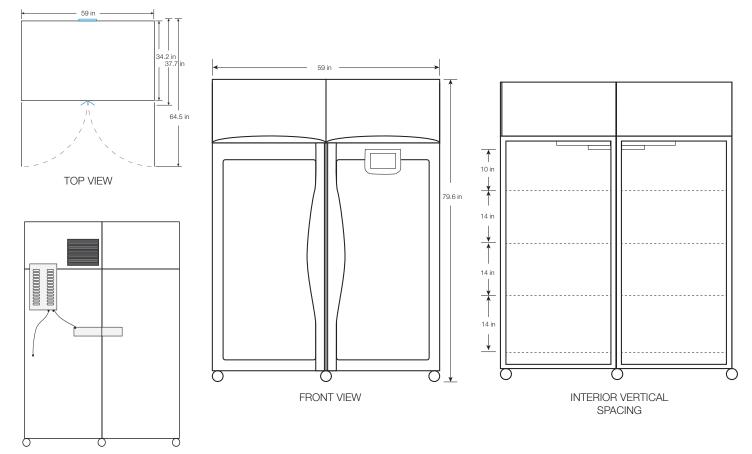


	AVG	MAX	MIN
1LBL	3.7	3.7	3.7
1LFL	4.0	4.0	4.0
1LFR	4.1	4.2	4.1
1LM	3.7	3.7	3.6
1RBR	3.9	3.9	3.8
1RFR	4.3	4.4	4.3
1RM	4.0	4.0	3.9
2LM	3.7	3.8	3.7
2RM	3.9	3.9	3.8
3LM	ND	ND	ND
3RM	3.9	3.9	3.9
4LBL	3.7	3.8	3.7
4LFL	4.3	4.3	4.3
4LFR	4.1	4.2	4.1
4RBR	3.8	3.9	3.8
4RFR	4.2	4.2	4.2

## 

Dimensions and Construction			
Interior (w x h x d)	54.7 x 58.1 x 30 in   1390 x 1476 x 762 mm		
Exterior (w x h x d)	59 x 79.6 x 34.2 in   1499 x 2021 x 867 mm		
Overall Exterior (w x h x d)	59 x 79.6 x 37.7 in   1499 x 2021 x 956 mm *Includes handles and electrical box		
Insulation	Sustainable, US EPA, SNAP and GRAS approved foam		
Exterior/Interior Finish	Bacteria-resistant powder-coating		
Door	2, dual-pane glass		
Access Port	Top Access Port- for external monitoring probe(s) (0.75 in   19 mm diameter) Left Sidewall Port - with interior and exterior plugs (1.75 in   45 mm diameter)		
Interior Storage (w x d)	8 ventilated, powder coated shelves, adjustable 22.5 x 27.9 in   572 x 709 mm, 100 lb   46 kg max capacity/shelf		
Casters	Yes, swivel-locking		
Net Weight	703 lb   319 kg		
Shipping Weight	823 lb   374 kg		
Clearance Requirements	Minimum of 8" (203mm) above and 3" (76mm) behind unit for clearance and feature access		
Options   Accessories	Stainless steel interior, Chart recorder, Chart paper, Leveling feet, Solid ballast, Remote alarms, Floor and Wall bracket kit, Seismic anchoring kit, Storage trays, Screen protector, Locking drawer, Solid or heated glass doors, Top cover, Side-wall access ports, Certificate of calibration, Temperature validation, Validation guide (IQ/OQ), Extended warranty		
Warranty	Rel.i™ Plus Warranty-7 years compressor, 2 years parts, 1 year labor Outside US and Canada- Contact your distributor for warranty information		





BACK VIEW

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