



SMART REFRIGERATORS
CATALOG 2020

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Feature Matrix

Pharmacy and Chromatography refrigerators which are designed to meet the dimensional and temperature requirements of the scientific community.

Laboratory Refrigerators | Pharmaceutical Refrigerators
Blood Bank Refrigerators | Undercounter Refrigerators

 Precise Uniformity	 Energy Savings
 Temperature Stability	 Alarms & Monitoring
 Microprocessor based controller	 CFC-Free
 Quiet, Reliable Compressors	 Service
 Cycle Defrost	 Ergonomic Design

SMART REFRIGERATOR

Smart refrigerator for remote monitoring, remote control and remote diagnostics.

 Wi-Fi Connectivity	 Remote Set Point
 Cell Phone	 Remote Diagnostics
 T Air / T Product (NIST)	 iOS/Android/Web Portal to Manage System



Refrigerator Selection Guide



Model	EL-RG-4H	EL-RG-12H	EL-RG-16H	EL-RG-23H	EL-RG-49H	EL-RG-12H Smart	EL-RG-16H Smart	EL-RG-23H Smart	EL-RG-49H Smart
Temp. range(°C)	2±8	2±8	2±8	2±8	2±8	2±8	2±8	2±8	2±8
Capacity	118 L / 12 Cu.Ft.	290 L / 12 Cu.Ft.	390 L / 16 Cu.Ft.	610 L / 23 Cu.Ft.	1378 L / 49 Cu.Ft.	290 L / 12 Cu.Ft.	390 L / 16 Cu.Ft.	610 L / 23 Cu.Ft.	1378 L / 49 Cu.Ft.
Shelves/Baskets	3/1	5/1	7/1	6/0	12/0	5/1	7/1	6/0	12/0
Exterior Dimensions W x D x H	597 x 635 x 835	665 x 710 x 1665	66 5x 710 x 1965	780 x 840 x 1945	1400 x 875 x 1980	665 x 710 x 1665	66 5x 710 x 1965	780 x 840 x 1945	1400 x 875 x 1980
Net Weight(Kg)	41	105	116	204	310	105	116	204	310
Voltage(V/Hz)	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz	115V 60Hz
Power(W)	135	340	380	490	850	340	380	490	850
Wi-Fi	✗	✗	✗	✗	✗	✓	✓	✓	✓
Cell Phone	✗	✗	✗	✗	✗	optional	optional	optional	optional
Serial Port	✗	✗	✗	✗	✗	✓	✓	✓	✓
T product (NIST)	✗	✗	✗	✗	✗	✓	✓	✓	✓
T Air	✗	✗	✗	✗	✗	✓	✓	✓	✓
Remote set point	✗	✗	✗	✗	✗	✓	✓	✓	✓
Remote Diagnostics	✗	✗	✗	✗	✗	✓	✓	✓	✓

EL-RG-4H

Elite Series 4 cu ft glass door refrigerator



Air Cooling, Auto defrost

Better cabinet temperature uniformity



Adjustable Shelves

The shelves are adjustable to any height and satisfy different requirements.



Five Alarm Functions

High/low temperature, Power failure, Door ajar, Sensor error, Low battery

TECHNICAL DATA

Voltage(V/Hz)	Power(W)	Temp. range(°C)	Capacity(L/Cu.Ft.)	Net Weight(Kg)	Shelves/Baskets
115V 60Hz	135	2±8	118 L / 4 Cu.Ft.	41	3/1

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)	Container Load (sets)
W 597	515	675	20'/40'/40'H
D 635	415	680	
H 835	630	930	48/102/102

FEATURES

- High efficiency refrigeration system for optimal performance
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity
- Multiple alarm system for safe and reliable operation
- Glass door with electric heat reduces condensation



EL-RG-12H

Elite Series 12 cu ft glass door refrigerator



Air Cooling, Auto defrost

Better cabinet temperature uniformity



Adjustable Shelves

The shelves are adjustable to any height and satisfy different requirements.



Five Alarm Functions

High/low temperature, Power failure, Door ajar, Sensor error, Low battery



TECHNICAL DATA

Voltage(V/Hz)	Power(W)	Temp. range(°C)	Capacity (L/Cu.Ft.)	Net Weight(Kg)	Shelves/Baskets
115V 60Hz	340	2±8	290 L / 12 Cu.Ft.	105	5/1

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)	Container Load (sets)
W 665	530	735	20'/40'/40'H
D 710	555	800	
H 1665	1080	1800	16/32/32

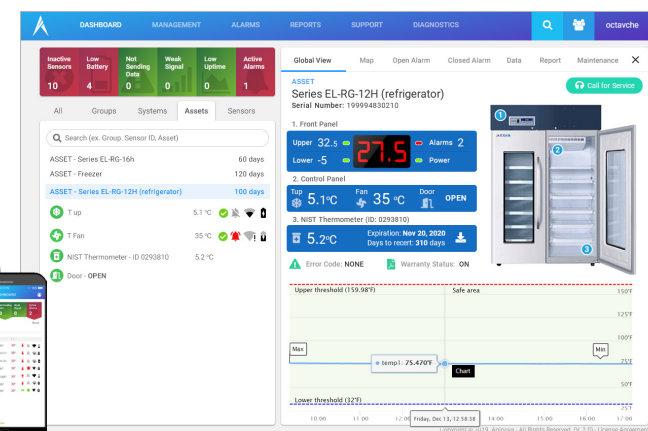
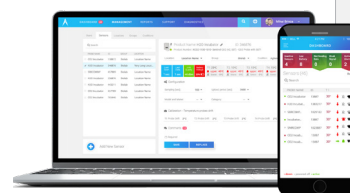
FEATURES

- High efficiency refrigeration system for optimal performance
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity
- Multiple alarm system for safe and reliable operation
- Glass door with electric heat reduces condensation



EL-RG-12H SMART VERSION

- Remote Monitoring of Refrigerator Temperature
- Remote Monitoring of NIST Certified Probes
- Remotely Control Set Points
- Use iOS/Android/Web Portal to Manage System
- WiFi Connectivity



EL-RG-16H

Elite Series 16 cu ft glass door refrigerator



Air Cooling, Auto defrost

Better cabinet temperature uniformity



Adjustable Shelves

The shelves are adjustable to any height and satisfy different requirements.



Five Alarm Functions

High/low temperature, Power failure, Door ajar, Sensor error, Low battery

TECHNICAL DATA

Voltage(V/Hz)	Power(W)	Temp. range(°C)	Capacity(L/Cu.Ft.)	Net Weight(Kg)	Shelves/Baskets
115V 60Hz	340	2±8	390 L / 16 Cu.Ft.	116	7/1

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)	Container Load (sets)
W 665	530	735	20'/40'/40'H
D 710	555	800	
H 1965	1380	2100	16/32/32

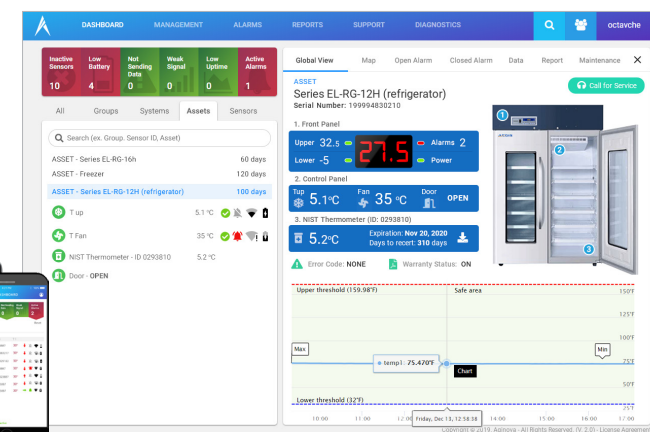
FEATURES

- High efficiency refrigeration system for optimal performance
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- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity
- Multiple alarm system for safe and reliable operation
- Glass door with electric heat reduces condensation



EL-RG-16H SMART VERSION

- Remote Monitoring of Refrigerator Temperature
- Remote Monitoring of NIST Certified Probes
- Remotely Control Set Points
- Use iOS/Android/Web Portal to Manage System
- WiFi Connectivity



EL-RG-23H

Elite Series 23 cu ft glass door refrigerator



Air Cooling, Auto defrost

Better cabinet temperature uniformity



Adjustable Shelves

The shelves are adjustable to any height and satisfy different requirements.



Five Alarm Functions

High/low temperature, Power failure, Door ajar, Sensor error, Low battery

TECHNICAL DATA

Voltage(V/Hz)	Power(W)	Temp. range(°C)	Capacity(L/Cu.Ft.)	Net /Gross Weight(Kg)	Shelves/Baskets
115V 60Hz	490	4 ±1	608 L / 23 Cu.Ft.	204/227	6/0

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)	Container Load (sets)
W 780	680	857	20'/40'/40'H
D 840	620	937	
H 1960	1400	2097	12/26/26

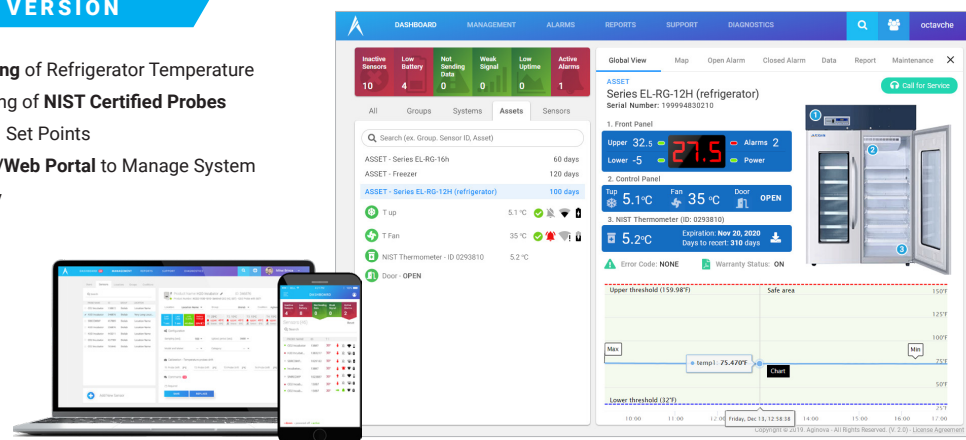
FEATURES

- High efficiency refrigeration system for optimal performance
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity
- Multiple alarm system for safe and reliable operation
- Glass door with electric heat reduces condensation



EL-RG-23H SMART VERSION

- Remote Monitoring of Refrigerator Temperature
- Remote Monitoring of NIST Certified Probes
- Remotely Control Set Points
- Use iOS/Android/Web Portal to Manage System
- WiFi Connectivity



EL-RG-49H

Elite Series 49 cu ft glass door refrigerator



Air Cooling, Auto defrost

Better cabinet temperature uniformity



Adjustable Shelves

The shelves are adjustable to any height and satisfy different requirements.



Five Alarm Functions

High/low temperature, Power failure, Door ajar, Sensor error, Low battery



TECHNICAL DATA

Voltage(V/Hz)	Power(W)	Temp. range(°C)	Capacity(L/Cu.Ft.)	Net /Gross Weight(Kg)	Shelves/Baskets
220V 50Hz	850	4 ±1.5	1308 L / 49 Cu.Ft.	310/360	12/0

DIMENSIONS

	Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)
W	1400	1320	1600
D	875	700	1010
H	1980	1500	2100

FEATURES

- High efficiency refrigeration system for optimal performance
- Forced-air cooling with internal fan for maximum temperature uniformity and stability
- Cooling fan is permanently lubricated for long life
- Automatic defrost maintains optimum cooling capacity
- Multiple alarm system for safe and reliable operation
- Glass door with electric heat reduces condensation



EL-RG-49H SMART VERSION

- Remote Monitoring of Refrigerator Temperature
- Remote Monitoring of NIST Certified Probes
- Remotely Control Set Points
- Use iOS/Android/Web Portal to Manage System
- WiFi Connectivity

