



SMART REFRIGERATORS
CATALOG 2020

WWW.AEGISFRIDGE.COM

Quick Selection Guide

Refrigerators

Model Number	Description	Ex Dimension (W*D*H) (in)	Capacity (CuFt)
Series I:EL-R-2.4H	Elite Series : 2.4 cuft Solid Door Refrigerator	19.5*22.8*26.0	2.4
Series I:EL-R-4H	Elite Series : 4.2 cuft Solid Door Refrigerator	23.5*25.0*32.9	4.2
Series I:EL-RG-2.4H	Elite Series : 2.4 cuft Glass Door Refrigerator	19.5*22.8*26.0	2.4
Series I:EL-RG-4H	Elite Series : 4.2 cuft Glass Door Refrigerator	23.5*25.0*32.9	4.2
Series I:EL-RG-12H	Elite Series : 12 cuft Glass door refrigerator	26.2*28.0*65.6	10.2
Series I:EL-RG-16H	Elite Series : 16 cuft glass door refrigerator	26.2*28.0*77.4	13.8
Series I:EL-RG-23H	Elite Series : 23 cuft glass door refrigerator	30.7*33.1*76.6	21.6
Series I:EL-RG-49H	Elite Series : 49 cuft glass door refrigerator	56.7*36.4*78.0	48.7



Freezers

Model Number	Description	Ex Dimension (W*D*H) (in)	Capacity (CuFt)
Series I:EL-F-12H	Elite Series : 12 cuft Solid Door Freezer	27.6*27.8*65.6	9.3
Series I:EL-F-19H	Elite Series : 17.3 cuft Solid Door Freezer	36.0*31.9*73.2	17.3
Series I:EL-F-29H	Elite Series : 29 cuft Solid Door Freezer	38.9*37.4*77.9	28.9
Series I:EL-F-4H	Elite Series : 4 cuft Compact Solid Door Freezer	25.2*24.0*33.9	3.3



Ultra Low Freezers

Model Number	Description	Ex Dimension (W*D*H) (in)	Capacity (CuFt)
ULT-86-4H	Ultra Low : 3.5 cuft Temperature Chest Freezer, 115V/60Hz	30.3*32.5*44.1	4
ULT-86-12H	Ultra Low : 12 cuft Temperature Chest Freezer, 115V/60Hz	32.0*35.2*72.7	12
ULT-86-21H	Ultra Low : 20.4 cuft Temperature Chest Freezer , 115V/60Hz	35.4*38.6*77.2	20.4
ULT-86-26H	Ultra Low : 26 cuft Temperature Chest Freezer , at -86C, 220V/60Hz	41.0*38.6*78.0	26
ULT-86-29H	Ultra Low : 29.2 cuft Temperature Chest Freezer ,at -86C, 220V/60Hz	45.1*38.6*78.0	29.2



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

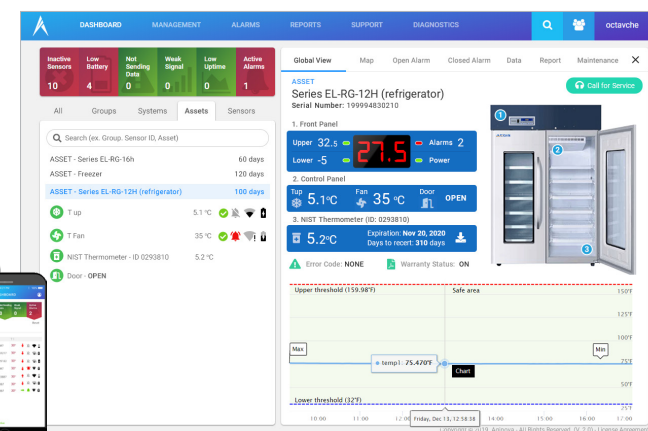
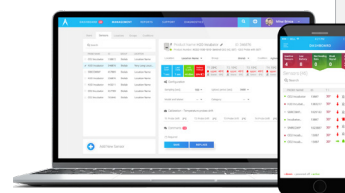
FEATURES

- 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

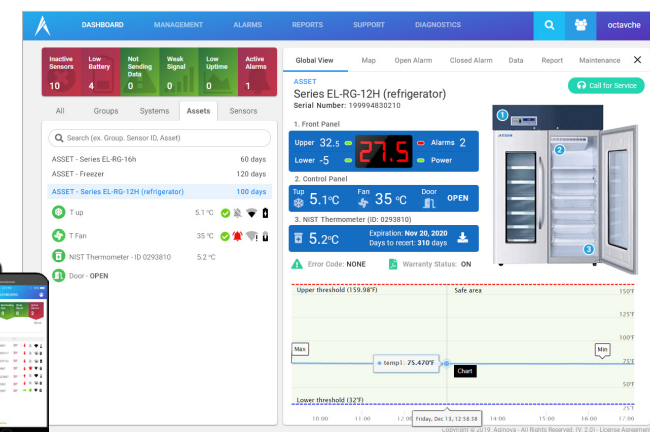
FEATURES

- High efficiency refrigeration system for optimal performance
- 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-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

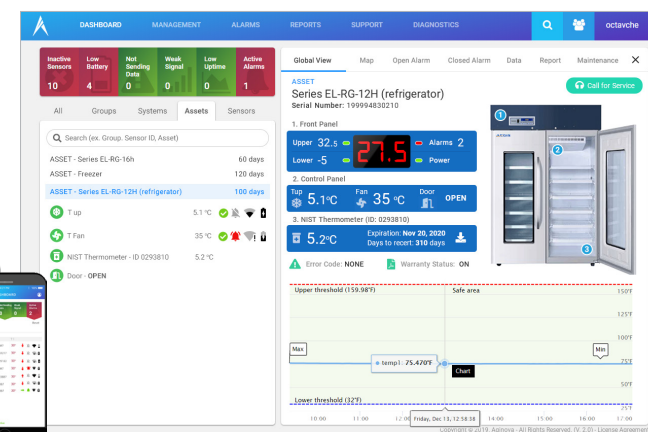
FEATURES

- 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

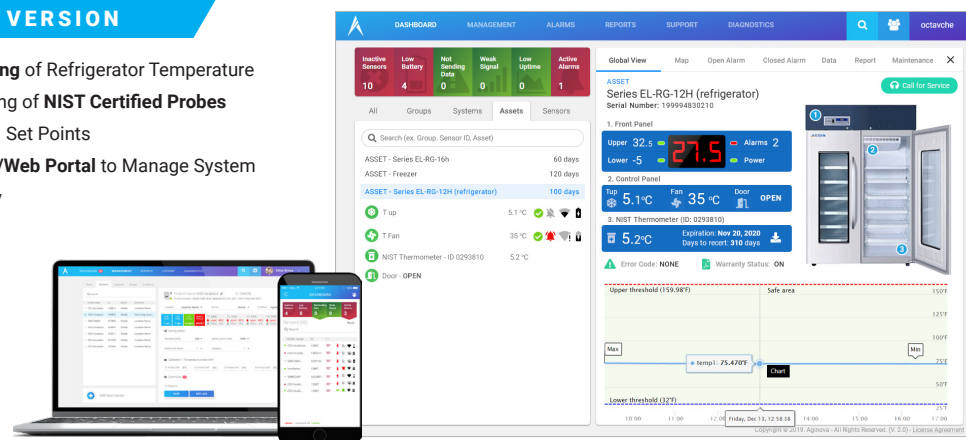
FEATURES

- 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



Freezer

Selection Guide



Model	EL-F-4H	EL-F-12H	EL-F-19H	EL-F-29H
Cooling performance(°C)	-25	-25	-30	-30
Temp. range(°C)	-10 ~ -25	-10 ~ -25	-10 ~ -30	-10 ~ -30
Climate Class	4	4	4	4
Cooling Type	Direct cooling	Direct cooling	Direct cooling	Direct cooling
DefrostMode	Manual	Manual	Manual	Manual
Capacity	92L / 3.3 Cu.Ft.	262 L / 9.3 Cu.Ft.	490L / 17.3 Cu.Ft.	818L / 28.9 Cu.Ft.
Exterior Dimensions W x D x H	25.2 x 24.0x 33.9	27.6 x 27.8 x 65.6	36.0 x 31.9 x 73.2	38.9 x 37.4 x 77.9
Net Weight	46/51(kg) 101.4/112.4(lbs)	88/93(kg) 194.0/205.0(lbs)	164/200(kg) 362/441 (lbs)	210/240(kg) 463/529 (lbs)
Voltage(V/Hz)	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz	220V/50Hz
Power(W)	77	90	530	470
Noise Level (dB(A))	27	34/35	35	37
Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Certificate	CE UL, cUL	CE UL, cUL	CE UL, cUL	CE UL, cUL
Certificate	Optional	Optional	Optional	Optional



EL-F-12H

-25°C Biomedical Freezer



Reliable Performance

High density foam insulation for rigidity and stable storage temperature
LED digital display for clear observation



Adjustable Temperature

Adjustable freezer compartment range: -10°C ~ -25°C



Two Alarm Functions

High/low temperature, sensor error

TECHNICAL DATA

Cabinet Type	Climate Class	Cooling Type	Defrost Mode	Refrigerant	Noise
Upright	4	Direct cooling	Manual	CFC-Free	27 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 50Hz	77 W	-10~-25 °C	92L / 3.3 Cu.Ft.	46/51 (kg) 101.4/112.4(lbs)	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)
W 640	435	660
D 610	410	700
H 860	635	935

FUNCTIONS

High/Low Temp	Y
Power Failure	Y
Sensor Error	Y



EL-F-12H

-25°C Biomedical Freezer



Reliable Performance

High density foam insulation for rigidity and stable storage temperature
LED digital display for clear observation



Adjustable Temperature

Adjustable freezer compartment range: -10°C ~ -25°C



Two Alarm Functions

High/low temperature, sensor error

TECHNICAL DATA

Cabinet Type	Climate Class	Cooling Type	Defrost Mode	Refrigerant	Noise
Upright	4	Direct cooling	Manual	HC	34 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 50Hz	90 W	-10~-25 °C	262 L / 9.3 Cu.Ft.	88/93(kg) 194.0/205.0(lbs)	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)
W 700	480	775
D 705	465	760
H 1665	1430	1880

FUNCTIONS

High/Low Temp	Y
Power Failure	Y
Sensor Error	Y



EL-F-19H

-30°C Biomedical Freezer - Hydrocarbon refrigerant, energy-saving, safe and reliable



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



High-efficiency and energysaving compressor and system

Industrial grade energy-saving compressor and optimized cooling system reduce more than 55% power consumption to achieve -30 °C compared with older models.



Low noise

Sound-reducing design with optimized system and structures reduces the sound level by more than 5 dB (41dB), completely eliminating annoying high-pitched noise.



Environment Friendly

- Hydrocarbon refrigerant compressor, hydrocarbon refrigerant, completely green
- and environ mental friendly refrigeration system;
- Built with isopentane foam polyurethane insulation, the series complies with European RoHS Directive, green and environmental protection/friendly.

TECHNICAL DATA

Cabinet Type	Climate Class	Cooling Type	Defrost Mode	Refrigerant	Noise
Upright	4	Direct cooling	Manual	HC	41 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 50Hz	530 W	-10~-30 °C	490L /17.3 Cu.Ft.	164/200(kg) 362/441 (lbs)	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)	Packing Dimension(mm)
W 915	685	980
D 810	610	905
H 1860	1228	2040

FUNCTIONS

High/Low Temp	Y
Power Failure	Y
Sensor Error	Y

ACCESSORIES

Caster	Y
Foot	Y
Porthole	Y
Temp Recorder	Optional



EL-F-29H

-30°C Biomedical Freezer - Large Capacity and Innovative Design



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Low noise

Sound attenuation design to reduce the sound level to 37 dba at 220 V/50 Hz



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine.
Urethane foam insulation complies with European ROHS regulation.

TECHNICAL DATA

Cabinet Type	Climate Class	Cooling Type	Defrost Mode	Refrigerant	Noise
Upright	4	Direct cooling	Manual	HC	37 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 50Hz	470 W	-10~-30 °C	818L / 28.9 Cu.Ft.	210/240(kg) 463/529 (lbs)	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)
W 988	750
D 950	755
H 1979	1460

FUNCTIONS

Remote Alarm	Y	High/Low Voltage	Y
High/Low Temp	Y	Sensor Error	/
Hot Condenser	/	Low Battery	Y
Power Failure	Y	High Ambient Temp	Y

ACCESSORIES

Door Ajar	Y	5V Power Supply Port	Optional
Caster	Y	Temp Recorder	Optional
Foot	Y	RS485 Port	Y
Test Hole	Y (2)	CO2 Backup System	/
Shelves/ Inner Doors	5/3(Optional)	LN2 Backup System	/
USB Interface	Optional		



Ultra lows

Selection Guide



Model	ULT-86-4H	ULT-86-12H	ULT-86-21H	EL-F-26H	EL-F-29H
Cooling performance(°C)	-86	-86	-86	-86	-86
Temp. range(°C)	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
Cooling Type	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
DefrostMode	Manual	Manual	Manual	Manual	Manual
Capacity	100L / 3.5 Cu.Ft.	338 L / 11.9 Cu.Ft.	578L / 20.4 Cu.Ft.	728L / 25.7 Cu.Ft.	828L / 29.2 Cu.Ft.
Exterior Dimensions W x D x H (mm/in)	769 x 825 x 1120 30.3 x 32.5 x 44.1	812 x 893 x 1846 32.0 x 35.2 x 72.7	895 x 980 x 1960 35.4 x 38.6 x 77.2	1041 x 980 x 1980 41.0 x 38.6 x 78.0	1145 x 980 x 1980 45.1 x 38.6 x 78.0
Net/Gross Weight	138/160 (kg)	238/278 (kg)	300/330 (kg)	345/385 (kg)	380/410 (kg)
Voltage(V/Hz)	220V/60Hz	220V/60Hz	220V/60Hz	220V/60Hz	220V/60Hz
Power(W)	650	650	750	1000	1000
Noise Level (dB(A))	49	50	50	50	50
Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Certificate	CE UL	CE UL	CE UL	CE UL	CE UL



ULT-86-4H

-86°C ULT Freezer



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine. Urethane foam insulation complies with European ROHS regulation.

TECHNICAL DATA

Compressor Type/ Brand/Number	Compressor Capacity(W)	Cooling Type	Defrost Mode	Refrigerant Charge/Flammable	Noise
Hermetic Reciprocating Type/SECOP/2	700	Direct cooling	Manual	R404 in 1st Stage / R290+R508 Mix in 2nd Stage	49 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 60Hz	650 W	-40 ~ -86 °C	100 L / 3.5 Cu.Ft.	138/160 kg	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)
W 769	470
D 825	450
H 1120	480

CONTROLLER/ELECTRICAL SYSTEM FEATURES

Controller Level	Top
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocessor Control, Bright LED Display
Setpoint Security	Yes
Controller Sensor	PT100
Remote Alarm Terminals	Remote Alarm Port, RS232/RS485 (Optional)
Adjustable High/Low Temp Alarms	Ajustable
Auto Voltage Safeguard	/



ULT-86-12HA

-86°C ULT Freezer



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine. Urethane foam insulation complies with European ROHS regulation.



TECHNICAL DATA

Compressor Type/ Brand/Number	Compressor Capacity(W)	Cooling Type	Defrost Mode	Refrigerant Charge/Flammable	Noise
Hermetic Reciprocating Type/SECOP/2	950	Direct cooling	Manual	R290 in 1st Stage / R170 in 2nd Stage / Flammable	50 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 60Hz	650 W	-40 ~ -86 °C	338 L / 11.9 Cu.Ft.	238/278 kg	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)
W 812	465
D 893	630
H 1846	1165

CONTROLLER/ELECTRICAL SYSTEM FEATURES

Controller Level	Top
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocessor Control, Bright LED Display, USB Data Export
Setpoint Security	Yes
Controller Sensor	PT100
Remote Alarm Terminals	Remote Alarm Port, RS232/RS485 (Optional)
Adjustable High/Low Temp Alarms	Ajustable
Auto Voltage Safeguard	/



ULT-86-21HA

-86°C ULT Freezer



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine. Urethane foam insulation complies with European ROHS regulation.



TECHNICAL DATA

Compressor Type/ Brand/Number	Compressor Capacity(W)	Cooling Type	Defrost Mode	Refrigerant Charge/Flammable	Noise
Hermetic Reciprocating Type/SECOP/2	950	Direct cooling	Manual	R290 in 1st Stage / R170 in 2nd Stage / Flammable	50 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 60Hz	750 W	-40 ~ -86 °C	578 L / 20.4 Cu.Ft.	300/330 kg	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)
W 895	620
D 980	716
H 1960	1310

CONTROLLER/ELECTRICAL SYSTEM FEATURES

Controller Level	Top
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocessor Control, Bright LED Display, USB Data Export
Setpoint Security	Yes
Controller Sensor	PT100
Remote Alarm Terminals	Remote Alarm Port, RS232/RS485 (Optional)
Adjustable High/Low Temp Alarms	Ajustable
Auto Voltage Safeguard	/



ULT-86-26HA

-86°C ULT Freezer



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine. Urethane foam insulation complies with European ROHS regulation.

TECHNICAL DATA

Compressor Type/ Brand/Number	Compressor Capacity(W)	Cooling Type	Defrost Mode	Refrigerant Charge/Flammable	Noise
Hermetic Reciprocating Type/SECOP/2	950	Direct cooling	Manual	R290 in 1st Stage / R170 in 2nd Stage / Flammable	50 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 60Hz	1000 W	-40 ~ -86 °C	728 L / 25.7 Cu.Ft.	345/385 kg	LED

DIMENSIONS

Exterior Dimension(mm)	Interior Dimension(mm)
W 1041	766
D 980	716
H 1980	1310

CONTROLLER/ELECTRICAL SYSTEM FEATURES

Controller Level	Top
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocessor Control, Bright LED Display, USB Data Export
Setpoint Security	Yes
Controller Sensor	PT100
Remote Alarm Terminals	Remote Alarm Port, RS232/RS485 (Optional)
Adjustable High/Low Temp Alarms	Ajustable
Auto Voltage Safeguard	/



ULT-86-26HA

-86°C ULT Freezer



Excellent temperature uniformity in a large storage space

Features built-in evaporator, large storage space, and adjustable shelf, providing faster temperature pulldown and a better temperature uniformity of set point +/- 3°C



Energy saving with variable speed inverter technology

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption



Environment Friendly

HC refrigeration system contains zero chlorine and fluorine. Urethane foam insulation complies with European ROHS regulation.

TECHNICAL DATA

Compressor Type/ Brand/Number	Compressor Capacity(W)	Cooling Type	Defrost Mode	Refrigerant Charge/Flammable	Noise
Hermetic Reciprocating Type/SECOP/2	950	Direct cooling	Manual	R290 in 1st Stage / R170 in 2nd Stage / Flammable	50 dB(A)
Voltage	Power	Temp. range	Capacity	Net /Gross Weight	Display
220V 60Hz	1000 W	-40 ~ -86 °C	828 L / 29.2 Cu.Ft.	380/410 kg	LED

DIMENSIONS

	Exterior Dimension(mm)	Interior Dimension(mm)
W	1145	870
D	980	716
H	1980	1310

CONTROLLER/ELECTRICAL SYSTEM FEATURES

Controller Level	Top
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocessor Control, Bright LED Display, USB Data Export
Setpoint Security	Yes
Controller Sensor	PT100
Remote Alarm Terminals	Remote Alarm Port, RS232/RS485 (Optional)
Adjustable High/Low Temp Alarms	Ajustable
Auto Voltage Safeguard	/

