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Haier

Refrigeration and Freezer Solutions

Designed and developed for long term storage of biological products and chemicals in the laboratory.



Low Energy ULT Freezer with LED Display IF0356 -86°C, 728L Capacity, J SERIES

Specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes and leukocytes.

Applications can be found in blood banks, hospitals, epidemic prevention services, research institutes and biological engineering institutes.

Key Features

Temperature

- Microprocessor controlled internal temperature in 1°C increments with a clear digital display, temperature is adjustable range of -40°C~-86°C

Safety control system

- Integrated audible and visual alarms to detect abnormal internal temperatures, power failures, sensor errors, low voltage warning, overheating condenser and excessive ambient operating temperatures.
- Keypad door lock keeps your samples safe from unauthorised access
- Remote monitored alarm functionality enables offsite monitoring

Refrigeration system

- Optimised cascade refrigeration technology with the integrated Secop compressor offers an efficient and effective refrigeration effect
- High density insulation and a patented thermal sealing design ensures your samples are kept at precise temperatures
- CFC free

Ergonomic Design

- Bright LED display for easy observation of internal cabinet temperatures, input voltage and ambient temperatures. Cabinet setting are easily accessed via the keypad to set alarm temperature presets, and early warning for malfunction
- Adjustable internal shelf for easy and convenient sample storage
- Broad ambient temperature range of 10°C~32°C
- Easy to use integrated door handle and lock with pressure equalisation technology to assist in opening the door due to excessive pressure difference
- Compact integrated caster wheels for ease of transport within the laboratory

Vacuum Insulation Panel Technology

- Vacuum insulated panels ensure superior thermal insulation by extracting air between the insulation layers which greatly reduces heat conduction between cabinet internal surfaces.
- The Vacuum Insulation Panels (VIP) enables a more efficient insulation effect while maximising the internal storage capacity by as much as 30%, by eliminating the need for bulky insulation materials.

Integrated design elements



ULTRA LOW TEMPERATURE FREEZERS.



ROWE CODE	IF0353	IF0356	IF0357	IF0423	IF0421
Capacity(L)	388	728	828	262	278
Voltage/ Frequency	220/50	220/50	220/50	220/50	220/50
Power(W)	1000	1200	1200	90	330
Temp. range(°C)	-40 to -86	-40 to -86	-40 to -86	-10 to -25	-10 to -30
Ambient Temp. (°C)	10 to 32	10 to 32	10 to 32	-10 to 30	10 to 30
Cabinet	Upright	Upright	Upright	Upright	Upright
Shelves/ Inner door	3/4	3/4	3/4		6/-
Interior	620*550*1310	870*630*1310	870*710*1310	480*465*1430	515*440*1220
Exterior	915*870*1980	1145*980*1980	1145*980*1980	700*705*1665	742*718*1810
Packing	952*924*2130	950*1055*2125	1182*1034*2130	775*760*1880	805*725*1970
Net/Gross Weight(kg)	255/276	300/330	380/410	88/93	115/135
Certificate	CE	CE,UL	CE,UL	CE	CE ATEX

EXPLOSION PROOF SPARK FREE REFRIGERATORS. 3°C to 16°C

Sparkfree Refrigerators

IR0225- Underbench 118L

IR0317 - Upright 310L

The Haier sparkfree laboratory refrigerator offers 360° internal explosion protection and is fully compliant and certified to the ATEX II C-T6 EU standard. This is one of the highest ATEX rated refrigerators available to life science customers, requiring a safety barrier to protect the temperature sensor. Utilising a zener barrier, the new sparkfree laboratory refrigerators use a quick fuse, a current limiting resistance or voltage limiting diode. This limits the input of electrical energy to ensure that the sensor will not be a source of ignition for flammable and explosive substances in the cabinet.

This is different from other sparkfree refrigerators, ensuring that the Haier Biomedical units are safer by design. This means that these appliances can be used in zone 2 environments.



360° Explosion Proof Interior
with ATEX II C-T6 EU Explosion
Proof Certification.



Setting Temperature Range
+3°C to +16°C
with precise control, keeps
internal temperature
variation within 3°C for great
temperature uniformity.



Clear and Complete Alarm
System with One Key Search
multiple alarms and data
function which allows users to
check and save historical data,
which is useful and convenient
for laboratory inspection
processes.

ROWE CODE	IR0225	IR0317
Capacity(L)	118	310
Voltage/Frequency	220/50	220/50
Power(W)	140	210
Temp.range(°C)	3 to 16	3 to 16
Ambient Temp. (°C)	16 to 38	16 to 38
Cabinet	Under Counter	Upright
Shelves/Baskets	2/1	4/0
Interior Dimensions(mm) (W*D*H)	515×415×630	560×500×1290
Exterior Dimensions(mm) (W*D*H)	597×635×835	605×598×1840
Packing Dimensions(mm) (W*D*H)	608×690×910	660*670*2020
Net/Gross Weight(kg)	44/49	72/83
Certificate	CE, ATEX	CE, ATEX

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PHARMACY REFRIGERATION

2°C to 8°C



ROWE CODE	IR0226	IR0259
Capacity(L)	118	610
Voltage/Frequency	220/50	220/50
Power(W)	135	550
Temp.range(°C)	2 to 8	2 to 8
Climate Class	N	ST
Cabinet	Underbench	Upright
Shelves/Inner door	3/1	6/-
Interior Dimensions(mm) (W*D*H)	515*415*630	680*640*1400
Exterior Dimensions(mm) (W*D*H)	597*635*835	780*840*1945
Packing Dimensions(mm) (W*D*H)	680*690*910	865*945*2090
Net/Gross Weight(kg)	41/46	204/227
Certificate	CE,UL	CE

Intelligent Reagent Pharmacy Refrigerator



LED Temperature Display

- Displays to a resolution of 0.1°C.



Multiple Alarm Functions

- Monitors high and low temperatures, internal sensor error, power failure, low battery, door ajar and remote alarm monitoring capability.



Adjustable Shelves

- Height adjustable to accommodate different use cases



Large Storage Space



Lockable Design



Self Closing Door with 90° Stay Open Feature



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