

Haier Biomedical

Intelligent Protection of Life Science

-40°C Biomedical Freezer

DW-40L92



Drawer Structure

Multilayer drawer, easy to store and sort



Durable Refrigeration

Shelf style evaporator, fast cooling speed



Two Alarm Functions

High/low temperature, sensor error

Ergonomic Design



Lockable design



Intelligent alarm



Foot/Caster design

Specifications

DW-40L92

Technical Data

Type	-40℃ Deep Freezer
Cabinet Type	Upright
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	40

Performance

Cooling performance(℃)	-40
Temperature Range(℃)	-20--40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220~240/50
Power(W)	220
Electrical Current(A)	2.1

Dimensions

Capacity(L/Cu.Ft)	92/3.3
Net/Gross Weight(approx)	46/51(kg) 101.4/112.4(lbs)
Interior Dimensions(W*D*H)	435*410*635(mm) 17.1*16.1*25.0(in)
Exterior Dimensions(W*D*H)	640*610*860(mm) 25.2*24.0*33.9(in)
Packing Dimensions(W*D*H)	660*700*935(mm) 26.0*27.6*36.8(in)
Container load (20'/40'/40'H)	54/108/108



Functions

High/Low Temperature	Y
Sensor Error	Y

Accessories

Caster	Y
Foot	Y
Drawers	3

Others

Certificate	CE
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Haier Biomedical

Intelligent Protection of Life Science

-40°C Biomedical Freezer

DW-40L262



Drawer Structure

Multilayer drawer, easy to store and sort



Durable Refrigeration

Shelf style evaporator, fast cooling speed



Two Alarm Functions

High/low temperature, sensor error

Ergonomic Design



Lockable design



Intelligent alarm



Foot/Caster design



Test hole design

Specifications

DW-40L262

Technical Data

Type	-40℃ Deep Freezer
Cabinet Type	Upright
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	44

Performance

Cooling performance(℃)	-40
Temperature Range(℃)	-20~-40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220-240/50/60	115/60
Power(W)	400	600
Electrical Current(A)	4.8	7.5

Dimensions

Capacity(L/Cu.Ft)	262/9.3
Net/Gross Weight(approx)	88/93(kg) 194.0/205.0(lbs)
Interior Dimensions(W*D*H)	480*465*1430(mm) 18.9*18.3*56.3(in)
Exterior Dimensions(W*D*H)	700*705*1665(mm) 27.6*27.8*65.6(in)
Packing Dimensions(W*D*H)	775*760*1880(mm) 30.5*29.9*74.0(in)
Container load (20'/40'/40'H)	24/48/48



Functions

High/Low Temperature	Y
Sensor Error	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y
Drawers	7

Others

Certificate	CE
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-40°C Biomedical Freezer

DW-40L278



Low Noise

World leading refrigeration cabin design to reduce operation noise



Seven Alarm Functions

High/low temperature, power failure, door ajar, sensor error, low battery, remote alarm, high ambient temp



Durable Refrigeration

Shelf style evaporator, fast cooling speed

Ergonomic Design



Lockable design



Intelligent alarm



Foot/Caster design



Test hole design

Specifications

DW-40L278

Technical Data

Type	-40 C Deep Freezer
Cabinet Type	Upright
Climate Class	4
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	40

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220-240/50
Power(W)	275
Electrical Current(A)	2.9

Dimensions

Capacity(L/Cu.Ft)	278/9.8
Net/Gross Weight(approx)	115/135(kg) 253.5/297.6(lbs)
Interior Dimensions(W*D*H)	520*435*1230(mm) 20.5*17.1*48.4(in)
Exterior Dimensions(W*D*H)	745*675*1810(mm) 29.3*26.6*71.3(in)
Packing Dimensions(W*D*H)	805*725*1970(mm) 31.7*28.5*77.6(in)
Container load (20'/40'/40'H)	14/28/28



Functions

High/Low Temperature	Y
Remote Alarm	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temp	Y
Door Ajar	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y
Drawers	6
USB Interface	Optional
Temperature Recorder	Optional

Others

Certificate	CE
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Haier Biomedical

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-40°C Biomedical Freezer

DW-40L348



Drawer Structure

Multilayer drawer, easy to store and sort



Six Alarm Functions

High/low temperature, power failure, high ambient temp, sensor error, low battery, remote alarm



Durable Refrigeration

Shelf style evaporator, fast cooling speed

Ergonomic Design



Lockable design



Intelligent alarm



Foot/Caster design



Test hole design

Specifications

DW-40L348

Technical Data

Type	-40°C Deep Freezer
Cabinet Type	Upright, double door
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	41

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220-240/50
Power(W)	280
Electrical Current(A)	2.9

Dimensions

Capacity(L/Cu.Ft)	348/12.3
Net/Gross Weight(approx)	137/145(kg) 302.0/320.0(lbs)
Interior Dimensions(W*D*H)	535*610*1228(mm) 21.1*24.0*48.3(in)
Exterior Dimensions(W*D*H)	765*810*1860(mm) 30.1*31.9*73.2(in)
Packing Dimensions(W*D*H)	835*895*2020(mm) 32.9*35.2*79.5(in)
Container load (20'/40'/40'H)	14/28/28



Functions

High/Low Temperature	Y
Remote Alarm	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temp	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y
Drawers	12
USB Interface	Optional
Temperature Recorder	Optional

Others

Certificate	CE
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Haier Biomedical

Intelligent Protection of Life Science

-40°C Biomedical Freezer

DW-40L420F



Forced Air & Frost Free Design

Storage at -40 °C with automatic defrost, non-invasive defrost with time and temperature guided cycle, ensure temperature stability and minimize energy use



Uniform Temperature and High Performance Refrigeration

Intelligent operation and control at -40 °C and forced air circulation for uniform temperature and high performance refrigeration



Adjustable temperature range -20 °C ~ -40 °C

Microprocessor controls with digital display with 0.1 °C increment, and adjustable temperature range -20 °C ~ -40 °C



Alarm Record Query Function

Allows direct inquiry of the highest, lowest, and average temperature data as well as alarm duration in prior alarm condition

Ergonomic Design



Padlock Design



Backup Battery Protection



Standard USB Interface



Malfunction Alarms

Specifications

DW-40L420F

Technical Data

Cabinet Type	Upright
Climate Class	4
Cooling Type	Forced air cooling
Defrost Mode	/
Refrigerant	CFC-Free
Noise (dB(A))	45

Performance

Cooling Performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220~240/50
Power(W)	460/1000(Defrost)
Electrical Current(A)	4.0/5.8(Defrost)

Dimensions

Capacity(L/Cu.Ft)	420/14.8	
Net/Gross Weight(approx)	195/225(kg)	429.9/496.0(lbs)
Interior Dimensions(W*D*H)	685*610*1028(mm)	27.0*24.0*40.5(in)
Exterior Dimensions(W*D*H)	950*920*1900(mm)	37.4*36.2*74.8(in)
Packing Dimensions(W*D*H)	1010*985*2065(mm)	39.8*38.8*81.3(in)
Container load (20'/40'/40'H)	12/24/24	



Functions

High/Low Temperature	Y
Remote Alarm	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temp	Y
Door Ajar	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y
Drawers/Inner Doors	-/3
USB Interface	Y
Temperature Recorder	Optional

Others

Certificate	CE
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Haier Biomedical

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-40°C Biomedical Freezer

DW-40L508



Six Alarm Functions
High/low temperature, power failure, high ambient temp, sensor error, low battery, remote alarm



Durable Refrigeration
Shelf style evaporator, fast cooling speed



Drawer Structure
Multilayer drawer, easy to store and sort

Ergonomic Design



Lockable design



Intelligent alarm



Foot/Caster design



Test hole design

Specifications

DW-40L508

Technical Data

Type	-40°C Deep Freezer
Cabinet Type	Upright, double door
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	41/45

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20--40

Control

Controller	Microprocessor
Display	LED

Electrical Data

Power Supply(V/Hz)	220~240/50	208~230/60
Power(W)	285	430
Electrical Current(A)	2.9	2.9

Dimensions

Capacity(L/Cu.Ft)	490/17.3	
Net/Gross Weight(approx)	164/170(kg)	361.6/374.8(lbs)
Interior Dimensions(W*D*H)	685*610*1228(mm) 27.0*24.0*48.3(in)	
Exterior Dimensions(W*D*H)	915*810*1860(mm) 36.0*31.9*73.2(in)	
Packing Dimensions(W*D*H)	980*905*2040(mm) 38.6*35.6*80.3(in)	
Container load (20'/40'/40'H)	12/24/24	



Functions

High/Low Temperature	Y
Remote Alarm	Y
Power Failure	Y
Sensor Error	Y
Low Battery	Y
High Ambient Temp	Y

Accessories

Caster	Y
Foot	Y
Test Hole	Y
Drawers	10
USB Interface	Optional
Temperature Recorder	Optional

Others

Certificate	CE
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-40°C Biomedical Freezer

DW-40W100



Ergonomic Design



Lockable design



Intelligent alarm



Test hole design



Three Alarm Functions

High/low temperature, power failure, and sensor error



Adjustable Temperature

Adjustable freezer compartment range: -20 °C ~ -40 °C

Specifications

DW-40W100

Technical Data

Type	-40°C Deep Freezer
Cabinet Type	Chest
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	≦ 45

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LCD

Electrical Data

Power Supply(V/Hz)	220-240/50	115/60
Power(W)	260	255
Electrical Current(A)	2.5	5.0

Dimensions

Capacity(L/Cu.Ft)	100/3.5
Net/Gross Weight(approx)	43/46(kg) 94.8/101.4(lbs)
Interior Dimensions(W*D*H)	500*385*630(mm) 19.7*15.2*24.8(in)
Exterior Dimensions(W*D*H)	685*650*810(mm) 27.0*25.6*31.9(in)
Packing Dimensions(W*D*H)	740*650*880(mm) 29.1*25.6*34.6(in)
Container load (20'/40'/40'H)	54/108/162



Functions

High/Low Temperature	Y
Power Failure	Y
Sensor Error	Y

Accessories

Test Hole	Y
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Others

Certificate	CE
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Haier Biomedical

Intelligent Protection of Life Science

-40°C Biomedical Freezer DW-40W255



Ergonomic Design



Lockable
design



Intelligent
alarm



Test hole
design



Three Alarm Functions

High/low temperature, power failure,
and sensor error



Adjustable Temperature

Adjustable freezer compartment
range: - 20 °C ~ -40 °C

Specifications

DW-40W255

Technical Data

Type	-40°C Deep Freezer
Cabinet Type	Chest
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	≦ 45

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LCD

Electrical Data

Power Supply(V/Hz)	220-240/50
Power(W)	410
Electrical Current(A)	4.2

Dimensions

Capacity(L/Cu.Ft)	255/9.0
Net/Gross Weight(approx)	70/82(kg) 154.3/180.8(lbs)
Interior Dimensions(W*D*H)	1036*426*625(mm) 40.8*16.8*24.6(in)
Exterior Dimensions(W*D*H)	1243*724*838(mm) 48.9*28.5*33.0(in)
Packing Dimensions(W*D*H)	1320*755*905(mm) 52.0*29.7*35.6(in)
Container load (20'/40'/40'H)	24/54/81



Functions

High/Low Temperature	Y
Power Failure	Y
Sensor Error	Y

Accessories

Test Hole	Y
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Others

Certificate	CE
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Haier Biomedical

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-40°C Biomedical Freezer DW-40W380



Ergonomic Design



Lockable
design



Intelligent
alarm



Three Alarm Functions

High/low temperature, power failure,
and sensor error



Adjustable Temperature

Adjustable freezer compartment
range: -20 °C ~ -40 °C

Specifications

DW-40W380

Technical Data

Type	-40°C Deep Freezer
Cabinet Type	Chest
Climate Class	4
Cooling Type	Direct cooling
Defrost Mode	Manual
Refrigerant	CFC-Free
Noise Level (dB(A))	≅ 45

Performance

Cooling performance(°C)	-40
Temperature Range(°C)	-20~-40

Control

Controller	Microprocessor
Display	LCD

Electrical Data

Power Supply(V/Hz)	220-240/50	208-230/60
Power(W)	550	550
Electrical Current(A)	5.1	5.1

Dimensions

Capacity(L/Cu.Ft)	380/13.4
Net/Gross Weight(approx)	82/89kg 180.8/196.2(lbs)
Interior Dimensions(W*D*H)	1375*453*640(mm) 54.1*17.8*25.2(in)
Exterior Dimensions(W*D*H)	1554*724*838(mm) 61.2*28.5*33.0(in)
Packing Dimensions(W*D*H)	1635*760*900(mm) 64.4*29.9*35.4(in)
Container load (20'/40'/40'H)	18/42/63



Functions

High/Low Temperature	Y
Power Failure	Y
Sensor Error	Y

Others

Certificate	CE
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