



Chill with Elan

**Biomedical
Freezer & Refrigeration
Solutions**



Chill with Elan

-86°C Ultra-low Temperature Freezer

EDW 86L 105



EDW-86L 105



Precise Temperature Control and Safe Storage

Microprocessor-based temperature controller, -40°C~-86°C can be set freely with display accuracy at 0.1°C.



Visual & Audio Alarm system

High/low temperature alarm, power failure alarm, low battery alarm, door ajar alarm, high air temperature alarm, communication failure alarm.



Human-oriented

The rotating handle facilitates door opening;

The two-door design including the inner door and the outer door can lock cool air inside the cabinet and ensure thermal insulation for along period.



Energy-saving & Environmentally Friendly

Awarded Certificate for Energy Conservation Product, certificate numbers: CQC18702198375 (EDW-86L 105)

Awarded Certificate for Ecolabelling Products, certificate numbers: CQC18702198376 (EDW-86L 105)



High-precision Temperature Control

- Digital temperature display, simultaneously display the chamber temperature, power supply voltage, ambient temperature and other parameters etc. The running status is clearly displayed;
- The high-precision microcomputer temperature control system and platinum resistor temperature sensors enable users to set temperature inside the cabinet within a range from -40°C to -86°C.



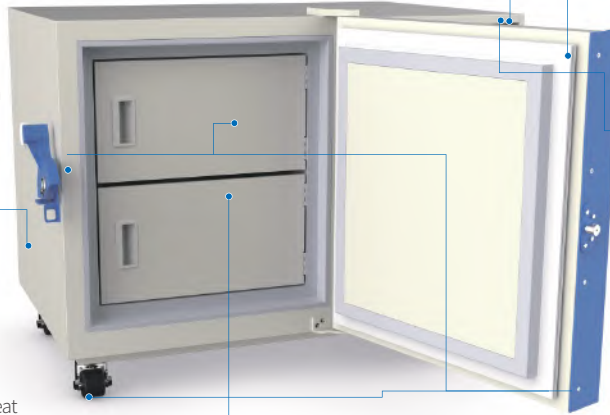
Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient;
- The large finned condenser with a space between fins $\leq 2\text{mm}$, providing a effective heat dissipation.
- Standard with VIP board for high efficiency cooling performance. Door with hot gas pipe surrounding for defrost.



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional.



Thermal Insulation System

- The two-layer insulated foamed door with double seal and the outdoor insulation design with multiple patents can prevent loss of cooling capacity effectively;
- The six sides of the cabinet are made from high-performance vacuum insulation material, greatly improving thermal insulation performance.



Security System

- The perfect audible & visual alarm system: high/low temperature, sensor failure, door open, power failure etc.;
- The turn-on delay and stopping interval protection can ensure reliable operation;
- The keyboard lock and password protection can prevent any adjustment of operation without permission;



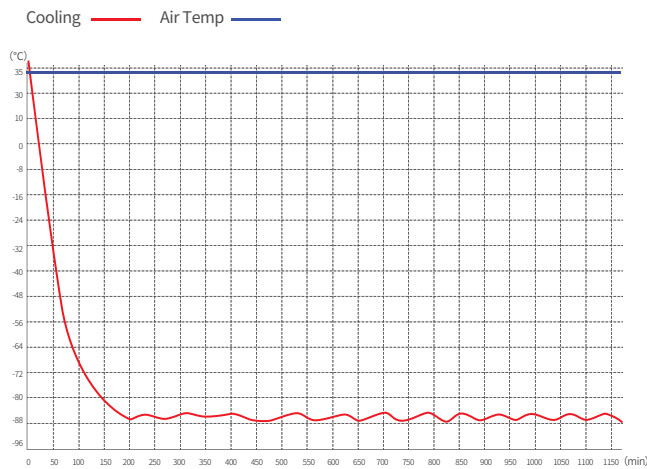
Human-oriented

- The door with new-type assisting door handle to be opened easily;
- Door handle with lock for safety operation..
- SUS304 interior, low temperature resistance anti-corrosion for long service life and easy cleaning;
- Universal wheels easy for movement and fixation.

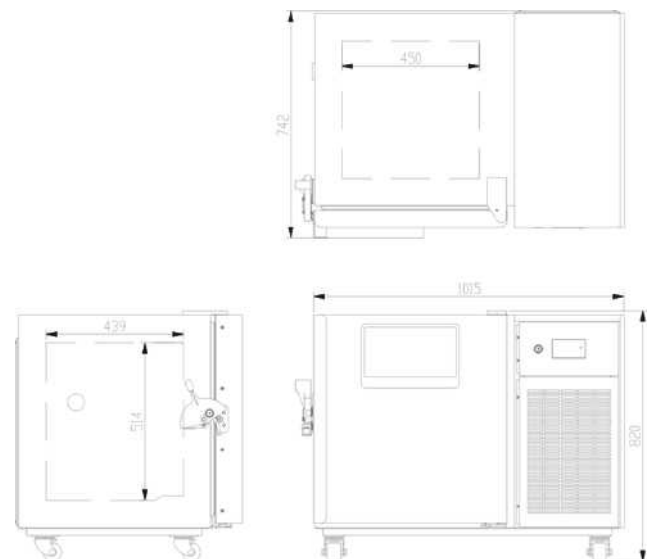
✓ Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimension



Specification Chart

-86°C Ultra-low Temperature Freezer	
Model	EDW-86L 105
Cabinet Type	Upright
Capacity(L)	100
Internal Size(W*D*H)mm	450*439*514
External Size(W*D*H)mm	1066*742*820
Package Size(W*D*H)mm	1200*863*991
NW/GW(Kgs)	145/176
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R290 Mixture
Insulation Thickness(mm)	90, R:115
Construction	
External Material	Steel plates with spraying
Inner Material	SUS 304
Shelves	1(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	1pc. Ø 40 mm
Casters	4
Data Logging/Interval/Recording Time	Printer/Record every 20 minute / 7 days
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery
System	Sensor error,Main board communication error ,System failure, Condenser cooling failure,Door ajar,Sapmles out of date
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	950
Input Power(W)	1100
Power Consumption(KWh/24h)	9.2
Rated Current(A)	5
Options Accessory	
System	Chart recorder, CO2 backup system



Chill with Elan

-86°C Ultra-low Temperature Freezer

EDW 86L 345



EDW-86L 345



High-precision Temperature Control & Safe Storage

The high-precision microcomputer temperature control system and platinum resistor temperature sensors can realize more precise temperature control and enable users to set temperature inside the cabinet within a range from -40 to -86°C;



Well-developed Audible & Visual Alarm System

Multiple alarm functions, such as high temperature/low temperature alarm, door opening alarm, power outage alarm, abnormal voltage alarm, sensor failure alarm, low battery alarm, alarm of poor heat dissipation of condenser and system failure alarm, can improve safety of storage.



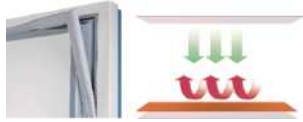
Human-oriented

- The rotating handle facilitates door opening;
- The two-door design including the inner door and the outer door can lock cool air inside the cabinet and ensure thermal insulation for a long period.



High-precision Temperature Control

- Digital temperature display; display inner temperature, power and voltage, ambient temperature and more at the same time.
- 2 inches high-brightness digital temperature display, microprocessor-based temperature controller, -40°C~-86°C can be set freely.



Thermal Insulation System

- The two-layer insulated foamed door with double seal and the outdoor insulation design with multiple patents can prevent loss of cooling capacity effectively;
- The six sides of the cabinet are made from high-performance vacuum insulation material, greatly improving thermal insulation performance.



Security System

- The perfect audible & visual alarm system: high/low temperature, sensor failure, door open, power failure etc.;
- The turn-on delay and stopping interval protection can ensure reliable operation;
- The keyboard lock and password protection can prevent any adjustment of operation without permission;



Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient;
- The large finned condenser with a space between fins $\leq 2\text{mm}$, providing a effective heat dissipation.



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional.



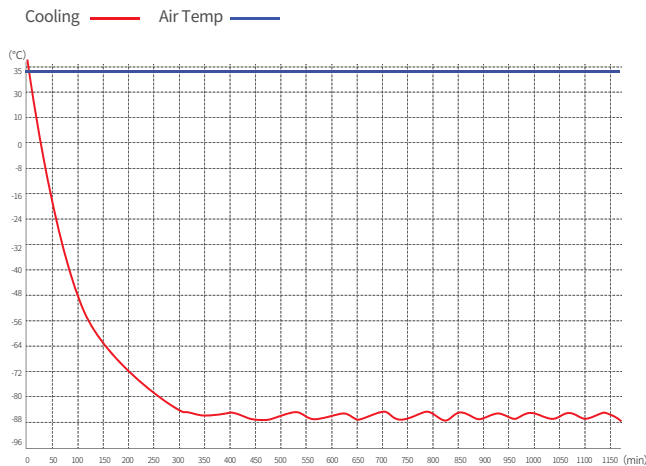
Human-oriented

- The door with new-type assisting door handle to be opened easily;
- Door handle with lock for safety operation..
- Galvanized steel interior, low temperature resistance anti-corrosion for long service life and easy cleaning;
- Universal wheels easy for movement and fixation.

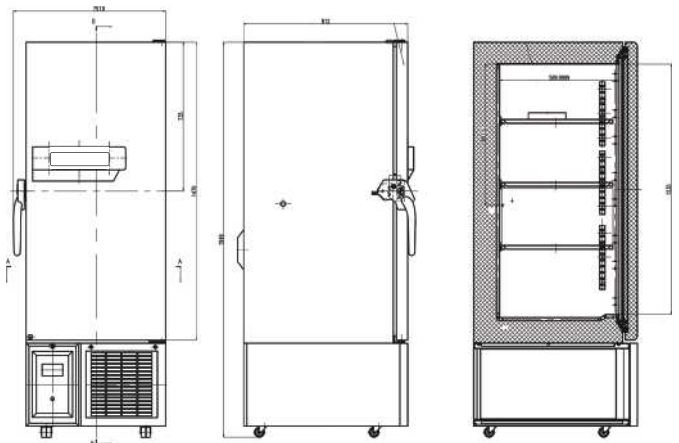
Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve



External Dimension



Specification Chart

-86°C Ultra-low Temperature Freezer	
Model	EDW-86L 345
Cabinet Type	Upright
Capacity(L)	340
Internal Size(W*D*H)mm	470*578*1250
External Size(W*D*H)mm	755*895*1982
Package Size(W*D*H)mm	1003*895*2186
NW/GW(Kgs)	208/227
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R290 Mixture
Insulation Thickness(mm)	110
Construction	
External Material	Steel plates with spraying
Inner Material	SUS 304
Shelves	3 (Stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	1pc. Ø 25 mm
Casters	4
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery
System	Sensor error,Main board communication error ,System failure, Condenser cooling failure,Door ajar,Samples out of date
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	922
Input Power(W)	1300
Power Consumption(KWh/24h)	11.6
Rated Current(A)	5.32
Options Accessory	
System	Chart recorder, CO2 backup system, Printer,RS485,RS232,Remote alarm contact



Chill with Elan

-86°C Ultra-low Temperature Freezer

EDW 86L 405



EDW-86L 405



Targeted Refrigeration

The new generation of ultra-low temperature refrigeration system can ensure fast refrigeration and was awarded with the Second Prize under State Technological Invention Award.



Five Magic Weapons for Energy Saving

Imported high-efficiency compressor + separated evaporator + composite heat exchanger + optimized fractional condensation & separation system + high-efficiency thermal insulation system can save energy and reduce power consumption of the freezer by 40%.



Low Noise Design

Low-noise direct cooling circuit + suspension frame & sound absorbing compartment & low-noise fan can reduce noise generated by the entire freezer to the largest extent.



Three-dimensional Thermal Insulation

The 6 sides of the cabinet are made from high-efficiency VIP: Vacuum Insulation Panel, and the thermal insulation design of the inner door made from foaming material and the outer door system was awarded with multiple patents, which can improve the thermal insulation performance of the freezer.



Energy-saving & Environmentally Friendly

- Awarded Certificate for Energy Conservation Product, certificate numbers: CQC18702198378 (EDW-86L 405)
- Awarded Certificate for Ecolabelling Products, certificate numbers: CQC18702198378 (EDW-86L 405)



7" LED Screen Control System

- The 7" LED touch screen has clear display, user-friendly interface and more accurate temperature control, which can indicate operating status clearly;
- The high-precision microcomputer control system and platinum resistor sensors enable users to set temperature inside the cabinet within a range from -40 to -86°C.



Security System

- The perfect audible & visual alarm system : high and low temperature ,senor error ,power failure ,low battery ,door ajar ,main board communication error high ambient temperature ,samples out of date notification etc;
- The compressor start delay and stopping interval protection can ensure reliable operation;
- Both the touch screen controller and key-board controller have password protection which can prevent any adjustment of operation without permission;



Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient;
- The large finned condenser with a space between fins $\leq 2\text{mm}$, providing affective heat dissipation.



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional.



Alarm Upgrading

USB data storage function: can store relevant operating data, which can be downloaded and checked, ensuring improved security and reliability of sample storage.



Human-oriented

- 2-layer heat insulating foamed door with inner and outer door seal and the insulation design of the outer door system with multiple patents can prevent loss of refrigerating capacity in an effective way;
- The 6 sides of the cabinet are made from high-performance VIP: Vacuum Insulation Panel material, improving thermal insulation performance to a large extent.



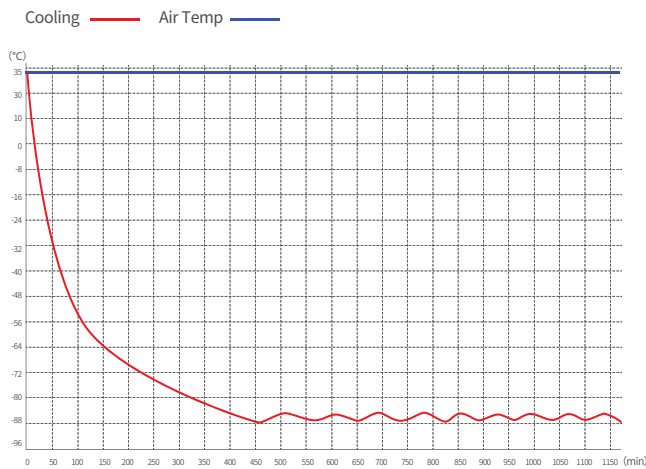
Human-oriented

- The new designed assisting handle and vacuum release port let the freezer be operated single-handed to open and close the outer door.
- The newly added file box makes recording easier and more convenient.
- The liner made from High quality galvanized steel sheet for medical use is low- temperature tolerant and corrosion-resistant, which has a long service life and is easy to clean;
- The universal casters and leveling feet design are more convenient for movement and fixation.

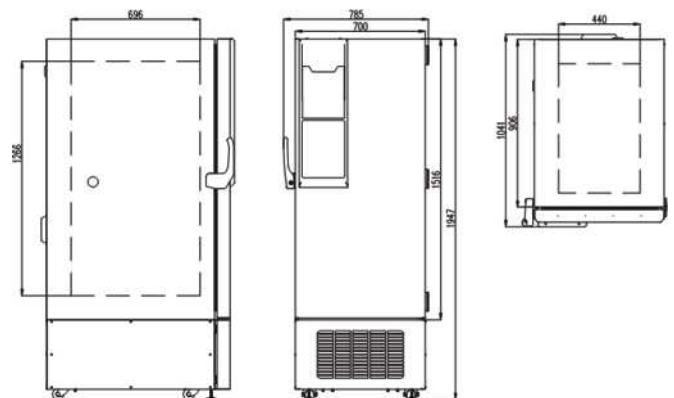
Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve



External Dimension



Specification Chart

-86°C Ultra-low Temperature Freezer	
Model	EDW-86L 405
Cabinet Type	Upright
Capacity(L)	398
Internal Size(W*D*H)mm	440*696*1266
External Size(W*D*H)mm	785*1041*1947
Package Size(W*D*H)mm	890*1165*2145
NW/GW(Kgs)	237/272
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Touch screen
Refrigeration	
Compressor	1pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R290 Mixture
Insulation Thickness(mm)	130
Construction	
External Material	High quality steel plates with spraying
Inner Material	SUS 304
Shelves	3(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	2pcs. Ø 25 mm
Casters	4+(2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 1 minute / 365 days
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure
System	Sensor error,Main board communication error,Built-in datalogger USB failure, Condenser cooling failure,Door ajar,Sapmles out of date, System failure
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	950
Input Power(W)	980
Power Consumption(KWh/24h)	11
Rated Current(A)	5
Options Accessory	
System	Chart recorder, CO2 backup system, Printer, Remote alarm contact



Chill with Elan

-86°C Ultra-low Temperature Freezer

EDW 86L 535



EDW-86L 535



Targeted Refrigeration

The new generation of ultra-low temperature refrigeration system can ensure fast refrigeration and was awarded with the Second Prize under State Technological Invention Award.



Five Magic Weapons for Energy Saving

Imported high-efficiency compressor + separated evaporator + composite heat exchanger + optimized fractional condensation & separation system + high-efficiency thermal insulation system can save energy and reduce power consumption of the freezer by 40%.



Low Noise Design

Low-noise direct cooling circuit + suspension frame & sound absorbing compartment & low-noise fan can reduce noise generated by the entire freezer to the largest extent.



Three-dimensional Thermal Insulation

The 6 sides of the cabinet are made from high-efficiency VIP: Vacuum Insulation Panel, and the thermal insulation design of the inner door made from foaming material and the outer door system was awarded with multiple patents, which can improve the thermal insulation performance of the freezer.



Energy-saving & Environmentally Friendly

- Awarded Certificate for Energy Conservation Product, certificate numbers: CQC18702198373 (EDW-86L 535)
- Awarded Certificate for Ecolabelling Products, certificate numbers: CQC18702198373 (EDW-86L 535)



7" LED Screen Control System

- The 7" LED touch screen has clear display, user-friendly interface and more accurate temperature control, which can indicate operating status clearly;
- The high-precision microcomputer control system and platinum resistor sensors enable users to set temperature inside the cabinet within a range from -40 to -86°C.



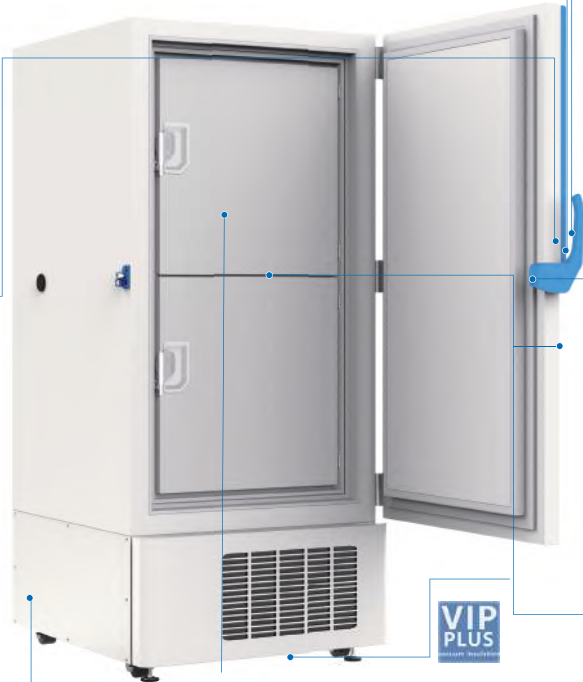
Security System

- The perfect audible & visual alarm system : high and low temperature ,senor error ,power failure ,low battery ,door ajar ,main board communication error high ambient temperature ,samples out of date notification etc;
- The compressor start delay and stopping interval protection can ensure reliable operation;
- Both the touch screen controller and key-board controller have password protection which can prevent any adjustment of operation without permission;



Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient;
- The large finned condenser with a space between fins $\leq 2\text{mm}$, providing affective heat dissipation.



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional.



Alarm Upgrading

USB data storage function: can store relevant operating data, which can be downloaded and checked, ensuring improved security and reliability of sample storage.



Human-oriented

- 2-layer heat insulating foamed door with inner and outer door seal and the insulation design of the outer door system with multiple patents can prevent loss of refrigerating capacity in an effective way;
- The 6 sides of the cabinet are made from high-performance VIP: Vacuum Insulation Panel material, improving thermal insulation performance to a large extent.



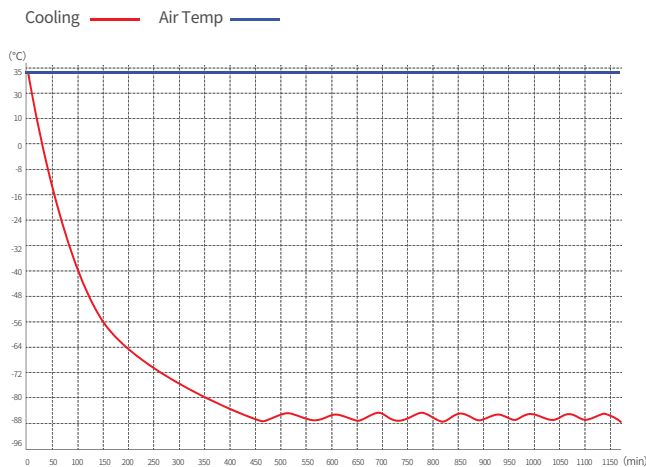
Human-oriented

- The new designed assisting handle and vacuum release port let the freezer be operated single-handed to open and close the outer door.
- The newly added file box makes recording easier and more convenient.
- The liner made from High quality galvanized steel sheet for medical use is low- temperature tolerant and corrosion-resistant, which has a long service life and is easy to clean;
- The universal casters and leveling feet design are more convenient for movement and fixation.

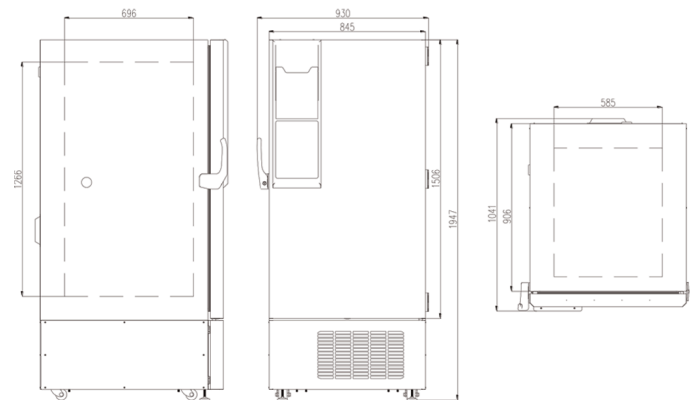
✓ Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimension



Specification Chart

-86°C Ultra-low Temperature Freezer	
Model	EDW-86L 535
Cabinet Type	Upright
Capacity(L)	528
Internal Size(W*D*H)mm	585*696*1266
External Size(W*D*H)mm	930*1041*1947
Package Size(W*D*H)mm	1035*1165*2145
NW/GW(Kgs)	286/319
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Touch screen
Refrigeration	
Compressor	1pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R290 Mixture
Insulation Thickness(mm)	130
Construction	
External Material	High quality steel plates with spraying
Inner Material	SUS 304
Shelves	3(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	2pcs. Ø 25 mm
Casters	4+(2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 1 minute / 365 days
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure
System	Sensor error,Main board communication error,Built-in datalogger USB failure Condenser cooling failure,Door ajar,Sapmls out of date, System failure
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	1265
Input Power(W)	1445
Power Consumption(KWh/24h)	12.82
Rated Current(A)	6.57
Options Accessory	
System	Chart recorder, CO2 backup system, Printer,Remote alarm contact



Chill with Elan

-86°C Ultra-low Temperature Freezer

EDW 86L 685



EDW-86L 685



Targeted Refrigeration

The new generation of ultra-low temperature refrigeration system can ensure fast refrigeration and was awarded with the Second Prize under State Technological Invention Award.



Five Magic Weapons for Energy Saving

Imported high-efficiency compressor + separated evaporator + composite heat exchanger + optimized fractional condensation & separation system + high-efficiency thermal insulation system can save energy and reduce power consumption of the freezer by 40%.



Low Noise Design

Low-noise direct cooling circuit + suspension frame & sound absorbing compartment & low-noise fan can reduce noise generated by the entire freezer to the largest extent.



Three-dimensional Thermal Insulation

The 6 sides of the cabinet are made from high-efficiency vip: Vacuum Insulation Panel, and the thermal insulation design of the inner door made from foaming material and the outer door system was awarded with multiple patents, which can improve the thermal insulation performance of the freezer.



Energy-saving & Environmentally Friendly

- Awarded Certificate for Energy Conservation Product, certificate numbers: CQC18702198401 (EDW-86L 685)
- Awarded Certificate for Ecolabelling Products, certificate numbers: CQC18702198401 (EDW-86L 685)



7" LED Screen Control System

- The 7" LED touch screen has clear display, user-friendly interface and more accurate temperature control, which can indicate operating status clearly;
- The high-precision microcomputer control system and platinum resistor sensors enable users to set temperature inside the cabinet within a range from -40 to -86°C.



Security System

- The perfect audible & visual alarm system : high and low temperature ,senor error ,power failure ,low battery ,door ajar ,main board communication error high ambient temperature ,samples out of date notification etc;
- The compressor start delay and stopping interval protection can ensure reliable operation;
- Both the touch screen controller and key-board controller have password protection which can prevent any adjustment of operation without permission;



Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient;
- The large finned condenser with a space between fins $\leq 2\text{mm}$, providing affective heat dissipation.
- EDW-86L 685/785/865/1015 with twin-compressor, if one is damaged, the other one could keep the temperture at -70°C stable.
- Standard with VIP board for high efficiency cooling performance. Door with hot gas pipe surrounding for defrost



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional.



Alarm Upgrading

USB data storage function: can store relevant operating data, which can be downloaded and checked, ensuring improved security and reliability of sample storage.



Human-oriented

- 2-layer heat insulating foamed door with inner and outer door seal and the insulation design of the outer door system with multiple patents can prevent loss of refrigerating capacity in an effective way;
- The 6 sides of the cabinet are made from high-performance VIP vacuum insulation material, improving thermal insulation performance to a large extent.



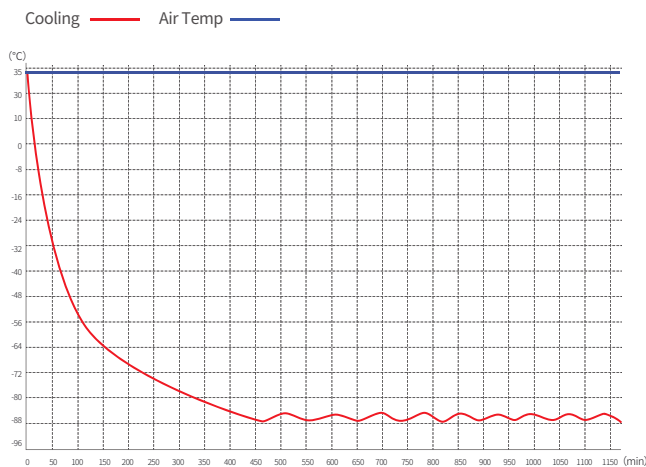
Human-oriented

- The new designed assisting handle and vacuum release port let the freezer be operated single-handed to open and close the outer door.
- The newly added file box makes recording easier and more convenient.
- The liner made from High quality galvanized steel sheet for medical use is low- temperature tolerant and corrosion-resistant, which has a long service life and is easy to clean;
- The universal casters and leveling feet design are more convenient for movement and fixation.

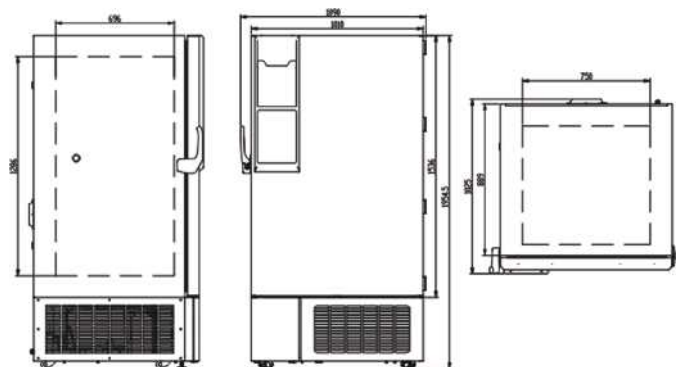
Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve



External Dimension



Specification Chart

-86°C Ultra-low Temperature Freezer	
Model	EDW-86L 685
Cabinet Type	Upright
Capacity(L)	678
Internal Size(W*D*H)mm	750*696*1286
External Size(W*D*H)mm	1090*1025*1965
Package Size(W*D*H)mm	1203*1155*2171
NW/GW(Kgs)	330/382
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Touch screen
Refrigeration	
Compressor	2pcs
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R290 Mixture
Insulation Thickness(mm)	130
Construction	
External Material	High quality steel plates with spraying
Inner Material	SUS 304
Shelves	3(stainless steel)
Door Lock with Key	Yes
External Lock	Yes
Access Port	3pcs. Ø 25 mm
Casters	4+(2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 1 minute / 365 days
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure
System	Sensor error,Built-in datalogger USB failure ,Main board communication error , Condenser cooling failure,Door ajar,Sapmls out of date,System failure
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	1680
Input Power(W)	2000
Power Consumption(KWh/24h)	15
Rated Current(A)	9.1
Options Accessory	
System	Chart recorder, CO2 backup system, Printer,Remote alarm contact



Chill with Elan

-60°C Low Temperature Freezer

EDW-60W 215

EDW-60W 315

EDW-60W 415



Low Temperature Freezer



Refrigeration System

The Freon-free refrigerant, compressor supplied by an international famous brand and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;



The CFC-free Polyurethane foaming technology can ensure great thermal insulation performance.

Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



People-oriented Design

The high-quality steel plate structure, corrosion-resistant phosphate coating and stainless steel liner are low temperature tolerant and corrosion-resistant;

The low noise design can create a comfortable work environment.

Temperature Control System

- High precision microcomputer temperature control, more accurate;
- Chamber temperature can be set within a range from -20 to -60°C;
- High-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

- HCFC-free refrigerant, compressor supplied by Secop (previously Danfoss) and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;
- CFC free polyurethane foaming technology, perfect insulation performance. Hot gas surrounding line to prevent from condensation.



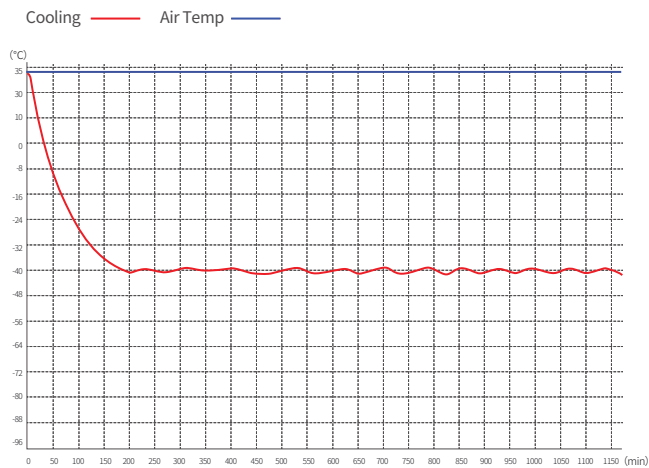
Human-oriented

- The design of upward door opening and the balancing door hinge facilitate door opening;
- High quality phosphate steel structural coating, stainless steel lining and easy cleaning, low noise design, 4 universal casters for easy movement, equipped with door locks to ensure sample safety.

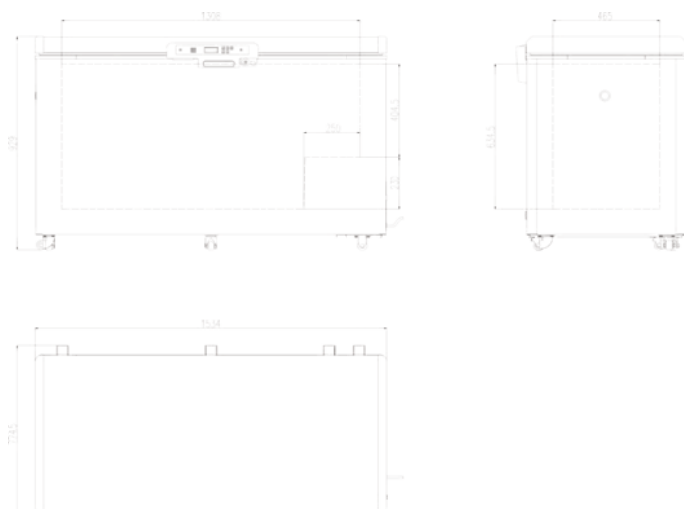
Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve



External Dimensions



Model	EDW-60W215	EDW-60W315	EDW-60W415
Capacity (L)	215	315	415
Dimension (mm)	944X786X926	1204X786X926	1509X786X926
Feature			
Lock	Yes	Yes	Yes
Castor (D)	4	4	4
Basket	1	1	1
Performance			
Climate Classification	N	N	N
Temperature	-60°C	-60°C	-60°C
Structure			
Foam Depth	80mm	80mm	80mm
Cabinet			
Out Cabinet	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
Inner Cabinet	Prepainted Zinc Coated Steel	Prepainted Zinc Coated Steel	Prepainted Zinc Coated Steel
Cooling			
Compressor	SECOP	SECOP	SECOP
Refrigerant	R290	R290	R290
Evaporator			
Material	Copper Tube	Copper Tube	Copper Tube
Condenser			
Inner Condenser	No	No	No
Fan	Yes, condensate fan	Yes, condensate fan	Yes, condensate fan



Chill with Elan

-40°C Low Temperature Freezer

EDW-40W 200

EDW-40W 300

EDW-40W 400



Low Temperature Freezer



Refrigeration System

The Freon-free refrigerant, compressor supplied by an international famous brand and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;



The CFC-free Polyurethane foaming technology can ensure great thermal insulation performance.

Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



People-oriented Design

The high-quality steel plate structure, corrosion-resistant phosphate coating and stainless steel liner are low temperature tolerant and corrosion-resistant;

The low noise design can create a comfortable work environment.

Temperature Control System

- High precision microcomputer temperature control, more accurate;
- Chamber temperature can be set within a range from -20 to -40°C;
- High-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

- HCFC-free refrigerant, compressor supplied by Secop (previously Danfoss) and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly;
- CFC free polyurethane foaming technology, perfect insulation performance. Hot gas surrounding line to prevent from condensation.



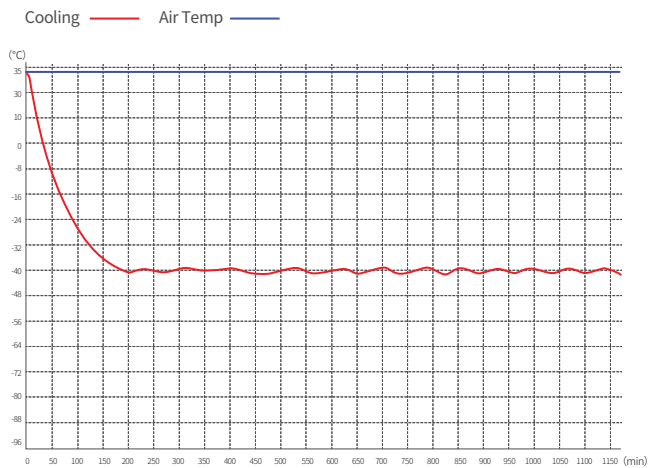
Human-oriented

- The design of upward door opening and the balancing door hinge facilitate door opening;
- High quality phosphate steel structural coating, stainless steel lining and easy cleaning, low noise design, 4 universal casters for easy movement, equipped with door locks to ensure sample safety.

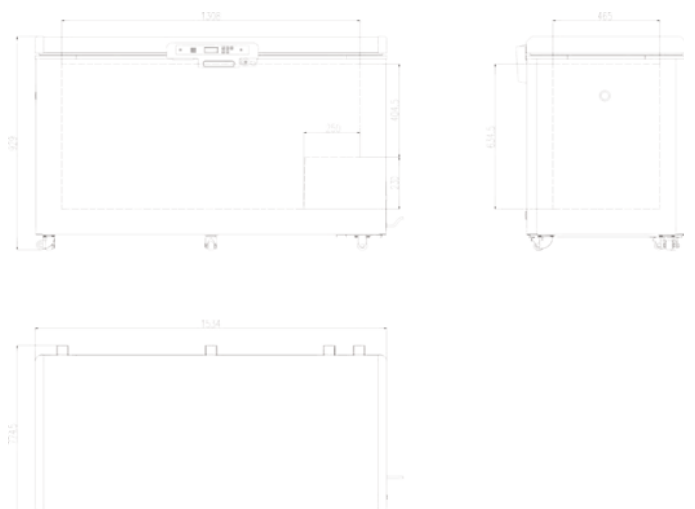
Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve



External Dimensions



Model	EDW-40W200	EDW-40W300	EDW-40W400
Capacity (L)	190	270	360
Dimension (mm)	944X786X852	1204X786X852	1509X786X852
Feature			
Lock	Yes	Yes	Yes
Castor (D)	4	4	4
Basket	1	1	1
Performance			
Climate Classification	N	N	N
Temperature	-40°C	-40°C	-40°C
Structure			
Foam Depth	80mm	80mm	80mm
Cabinet			
Out Cabinet	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
Inner Cabinet	Prepainted Zinc Coated Steel	Prepainted Zinc Coated Steel	Prepainted Zinc Coated Steel
Cooling			
Compressor	EMBRACO	EMBRACO	EMBRACO
Refrigerant	R290	R290	R290
Evaporator			
Material	Copper Tube	Copper Tube	Copper Tube
Condenser			
Inner Condenser	No	No	No
Fan	Yes, condensate fan	Yes, condensate fan	Yes, condensate fan



Chill with Elan

-40°C Ultra-low Temperature Freezer

EDW 40L 275



EDW-40L 275



Refrigeration System

The Freon-free refrigerant, compressor supplied by an international famous brand and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly.



Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Human-oriented

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -20 to -40°C inside the cabinet.



High-precision Temperature Control System

- The system has the function of digital temperature display and temperature inside the cabinet can be set within a range from -20°C to -40°C;
- High-precision microcomputer temperature control system; The platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

- The compressor supplied by an international famous brand and EBM fan are energy saving and environmentally friendly;
- The refrigerating circuit with proprietary intellectual property rights ensures high efficiency and stability.



Structure Design

- Upright type, aluminum plate with spraying material interior, Outer body is painted steel board.
- Inside drawers made of ABS, 7 drawers.



Thermal Insulation System

- The two-layer thermal insulating foamed door can prevent loss of refrigerating capacity in an effective way;
- The cabinet is made from CFC-free polyurethane material, which can improve its heat insulating performance to a large extent.



Security System

- The well-developed audible & visual alarm system makes it safer for storage;
- Equipped with alarm functions including high/low temperature alarm, sensor error.;
- Specially equipped with external door handle and padlock to prevent unauthorized opening.



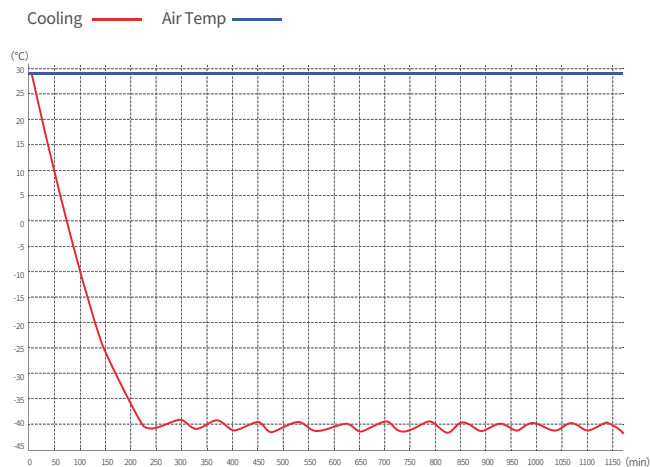
Human-oriented

- The safety lock on the door, with door handle, 4 units Castor provided for easy handling.

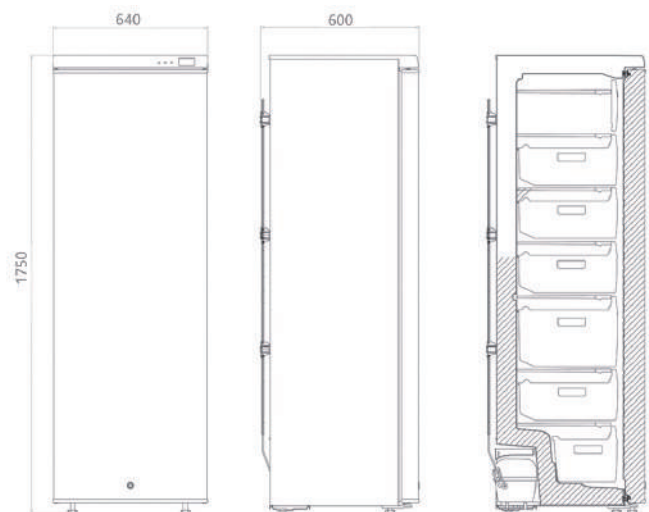
✓ Scope of Application

Suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimensions



Specification Chart

-40°C Ultra-low Temperature Freezer	
Model	EDW-40L 275
Cabinet Type	Upright
Capacity(L)	270
Internal Size(W*D*H)mm	500*460*1235
External Size(W*D*H)mm	700*640*1792
Package Size(W*D*H)mm	815*755*2040
NW/GW(Kgs)	94/102
Performance	
Temperature Range	-20~-40°C
Ambient Temperature	16-32°C
Cooling Performance	-40°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R290
Insulation Thickness(mm)	100
Construction	
External Material	Powder coated material
Inner Material	Aluminum plate with spraying
Shelves	7(ABS)
Door Lock with Key	Yes
Access Port	1pc. Ø 25 mm
Casters	2+(2 leveling feet)
Alarm	
Temperature	High/low temperature
System	Sensor error
Construction	Door ajar
Electrical	
Power Supply(V/Hz)	220/50
Rated Power(W)	255
Input Power(W)	575
Power Consumption(KWh/24h)	2.86
Rated Current(A)	2.63

*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.

*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.



Chill with Elan

-40°C Ultra-low Temperature Freezer

EDW 40L 455



EDW-40L 455



Refrigeration System

The Freon-free refrigerant, compressor supplied by an international famous brand and EBM fan can guarantee fast cooling and are energy-saving and environmentally friendly.



Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Human-oriented

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -20 to -40°C inside the cabinet.



High-precision Temperature Control

- The digital temperature display can indicate operating status clearly;
- Independent control of double compressors can realize control of temperatures inside the upper chamber and the lower chamber separately;
- The high-precision microcomputer temperature control system enables users to set the temperature inside the cabinet within a range from -20°C to -40°C.



Refrigeration System

- Use of environmentally friendly Freon-free refrigerant and the double-compressor and double-system design enable users to set different temperatures separately and ensure fast refrigeration;
- The condenser installed on the bottom ensures temperature stability and system reliability;
- The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation.



Alarm system

- The well-developed audible & visual alarm system makes it safer for storage;
- The turn-on delay and stopping interval protection function can ensure reliability in running;
- The door is equipped with a lock, improving security of sample storage.



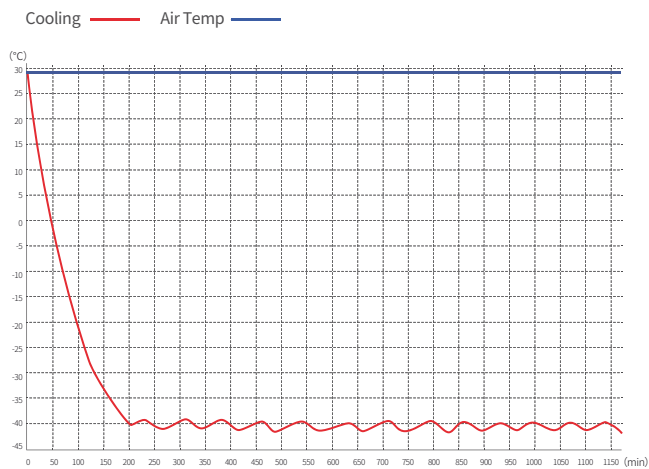
Human-oriented

- The arc angle-shaped door frame and cabinet design makes its appearance more attractive;
- The built-in door gasket is dustproof and easy to clean;
- Each of the refrigerating chamber and the freezing chamber is equipped with 6 drawers, which are convenient for storage of things.

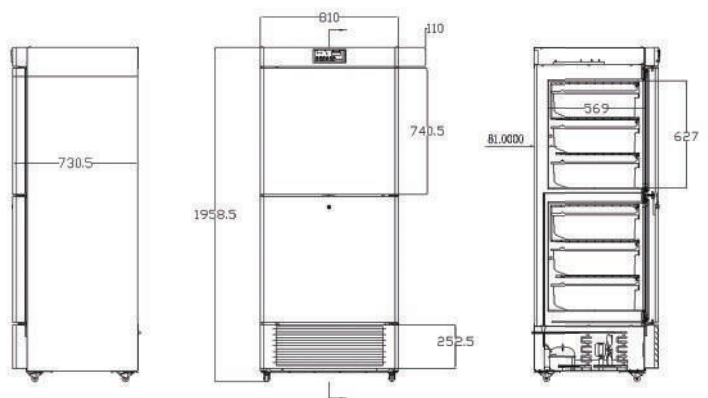
✓ Scope of Application

Suitable for freezing of ice bars and storage of various things needing refrigerated storage such as blood plasma, reagent, etc. Suitable for use in hospitals, clinics, health and disease prevention systems, blood banks, laboratories in colleges & universities, the frozen food industry and catering industry, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimensions



Specification Chart

-40°C Ultra-low Temperature Freezer	
Model	EDW-40L 455
Cabinet Type	Upright
Capacity(L)	450
Internal Size(W*D*H)mm	(650*570*627)*2
External Size(W*D*H)mm	810*735*1960
Package Size(W*D*H)mm	945*870*2175
NW/GW(Kgs)	144/156
Performance	
Temperature Range	-20~-40°C
Ambient Temperature	16-32°C
Cooling Performance	-40°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	2pcs
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R290
Insulation Thickness(mm)	80
Construction	
External Material	Powder coated material
Inner Material	Aluminum plate with spraying
Drawer	6*2(ABS)
Door Lock with Key	Yes
Door	2
Access Port	2pcs. Ø 25 mm
Casters	4(2 caster with brake)
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure,Low battery
System	Sensor error, USB datalog failure,Condenser high,Door ajar Main board communication error,
Electrical	
Power Supply(V/HZ)	220/50
Rated Power(W)	460
Input Power(W)	840
Power Consumption(KWh/24h)	5.03
Rated Current(A)	3.85
Options Accessory	
System	Printer,RS485,RS232,Remote alarm contact



Chill with Elan

-40°C Ultra-low Temperature Freezer

ECD-40L 295 SS



ECD-40L 295 SS



Environmentally Friendly & High-efficiency

Environmentally-friendly Freon-free refrigerant and high-efficiency compressor supplied by an international famous brand ensure energy saving and high efficiency.



Refrigeration System

Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.



High-precision Computerized Temperature Control

The digital temperature display can indicate operating status clearly, and users may set the high temperature/low temperature alarm points based on their needs.



Thermal Insulation System

The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation.



Temperature Control System

- High-precision microcomputer temperature control system with build-in control/alarm sensors for High/low temperature, ambient temperature and evaporator temperature etc. ensuring the safe and stable running.
- 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be set freely.



Refrigeration System

- Equipped with high-efficiency compressor and international brand fan, ensuring energy saving and silent running.
- Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.



Security System

- Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient alarm, sensor failure alarm, door opening alarm, power failure alarm, etc.
- Buzzer alarm for the door opening more than 1 minute, alarm automatically muted when the door is closed.



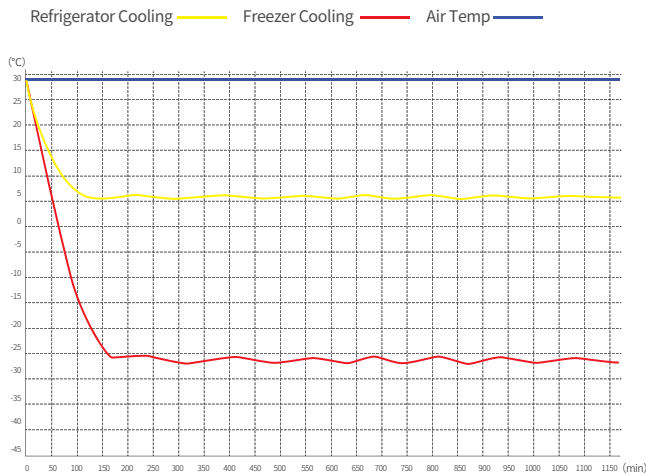
Human-oriented

- The interior is equipped with 3 drawers + 4 shelves for object storage.
- 2 leveling feet located at the front bottom, 4 castors for the front and back.

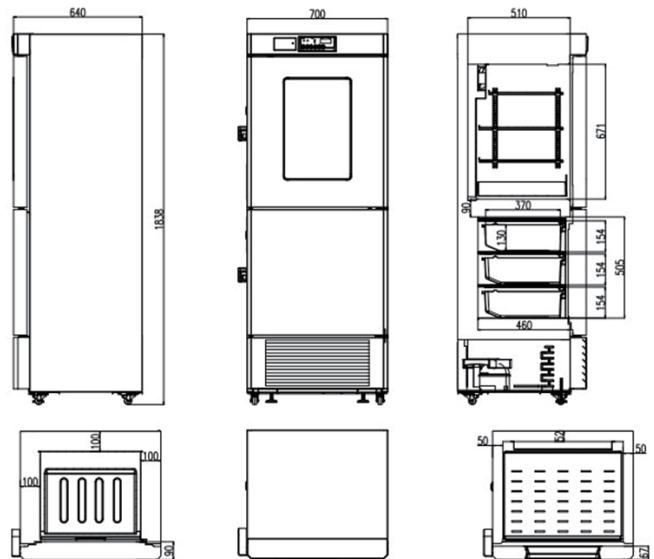
Scope of Application

Suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health, & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Performance Data / Cooling Curve



External Dimensions



Specification Chart

2~8°C /-10~-40°C Combined Refrigerator & Freezer	
Model	ECD-40L 295 SS
Cabinet Type	Upright
Capacity(L)	289, R:189,F:100
Internal Size(W*D*H)mm	R:600*510*670, F:500*460*505
External Size(W*D*H)mm	745*650*1845
Package Size(W*D*H)mm	830*740*2004
NW/GW(Kgs)	143/165
Performance	
Temperature Range	R:2~8°C, F:-10~-40°C
Ambient Temperature	16-32°C
Cooling Performance	R:4°C, F:-40°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	2pcs
Cooling Method	R: Forced air cooling , F:Direct cooling
Defrost Mode	R:Automatic, F:Manual
Refrigerant	R:R134a,F:R290
Insulation Thickness(mm)	R:50, F:100
Construction	
External Material	Carbon steel spraying
Inner Material	SUS 304
Shelves	R:3+1(Stainless steel),F:3(ABS)
External Lock	Yes
Access Port	2pcs. Ø 25 mm
Casters	4 (2 caster with brake) + (2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years (Printer/Record every 20 minute / 7 days)
Door with Heater	Yes
Standard Accessory	RS485, Remote alarm contact,Backup battery
Alarm	
Temperature	High/Low temperature, High ambient temperature .
Electrical	Power eailure,Low battery
System	Sensor error,Door ajar,USB datalog failure, Communication failure , Remote alarm
Electrical	
Power Supply(V/HZ)	220/50
Rated Power(W)	380
Input Power(W)	675
Power Consumption(KWh/24h)	3.76
Rated Current(A)	3.07
Options Accessory	
System	RS232



Chill with Elan

Upright Freezers - Frost Free

EFSV 340 - 3Y



Upright Freezers - Frost Free

Presenting Frost Free Upright freezers. It is designed for easy access and reliable storage at low temperatures. It offers a combination of sealed pullout drawers / shelves of different sizes for flexible storage.

Model	EFSV 340 - 3Y
Gross Capacity (Ltrs)	340
Dimension (W×D×H Inch)	24 x 25 x 73
Temperature Range	- 16°C ~ - 25°C
Microprocessor Controller	Yes
Refrigerant	R600a
Lock	Optional
No. of Shelves/Drawers	2 + 5 Drawer
Wheels	2 (Rear)
Key Features	
Quick freezing function	
High temperature visual alarm	
Energy rating A+	
Power consumption 0.89 units / 24 hrs	
Tropicalized at 43°C	
Right hand hinged reversible door	
Sealed drawers - prevent frost loss from open door	
80 mm thick puff insulation	
Environment friendly CFC free refrigerant	
Heavy duty condenser suitable for Indian conditions	
Digital Display	
Multiple size pullout door /drawer for flexible storage	
Optional	
High / low temperature acoustic alarm	
Door open alarm	
Exterior contact for remote alarm	
Lock	



Chill with Elan

Upright Freezers - Frost Free

EFSV 350



Upright Freezers - Frost Free

Presenting Frost Free Upright freezers. It is designed for easy access and reliable storage at low temperatures. It offers a combination of sealed pullout drawers / shelves of different sizes for flexible storage.

Upright Freezers - Frost Free

CE, CB ISO 9001, ISO 13485

Model	EFSV 350
Gross Capacity (Ltrs)	350
Dimension (W×D×H Inch)	24 x 28 x 74
Temperature Range	- 16°C ~ - 25°C
Microprocessor Controller	Yes
Refrigerant	R600a
Lock	Optional
No. of Shelves/Drawers	2 + 5 Drawer
Wheels	2 (Rear)

Key Features

EU standard A + Energy saving

Easy opening door handle

Easy sliding drawer with roller

Huge Box design

No frost

Multi air flow system

LED display with touch button control

Precise temperature setting with 1°C interval

Interior LED light

Super freeze function

Alarm function

Child lock function

Four star freezer design

Reversible door

Broad climate design

Environment-friendly technology

Low noise

Adjustable leg+rear wheels



Chill with Elan

Upright Freezers - Static

EFS 245 - 3Y

EFS 340 - 3Y



Upright Freezers - Static

Build a new trust with the EFS series. It is designed for easy access and reliable storage at low temperature. It offers a combination of upto 7 sealed pullout drawers / shelves of different sizes for flexible storage.

Model	EFS 245 - 3Y	EFS 340 - 3Y
Gross Capacity (Ltrs)	245	340
Dimension (W×D×H Inch)	22 x 24 x 57	24 x 25 x 73
Temperature Range	-16°C ~ -25°C	-16°C ~ -25°C
Temperature Display	Optional	Optional
Microprocessor Controller	Optional	Optional
Refrigerant	R600a	R600a
Lock	Optional	Optional
No. of Shelves/Drawers	5 Drawers	7 Drawers
Wheels	2 (Rear)	2 (Rear)

Key Features

Quick freezing function

High temperature visual alarm

Energy rating **A+**

Tropicalized at 43°C

Right hand hinged reversible door

Sealed drawers - prevent frost loss from open door

High hold over time - upto 16 hrs

Environment friendly CFC free refrigerant

80 mm thick puff insulation

Heavy duty condenser suitable for Indian conditions

Multiple size pullout door /drawer for flexible storage

Optional

Digital micro processor controller with display

High / Low temperature alarm

Door open alarm

Exterior contact for remote alarm

Acoustic alarm

Lock



Chill with Elan

Upright Freezers - Frost Free

EFSV 250



Upright Freezers - Frost Free

Presenting Frost Free Upright freezers. It is designed for easy access and reliable storage at low temperatures. It offers a combination of sealed pullout drawers / shelves of different sizes for flexible storage.

Upright Freezers - Frost Free

CE, CB ISO 9001, ISO 13485

Model	EFSV 250
Gross Capacity (Ltrs)	250
Dimension (W×D×H Inch)	22 x 23 x 64
Temperature Range	- 16°C ~ - 25°C
Microprocessor Controller	Yes
Refrigerant	R600a
Lock	Optional
No. of Shelves/Drawers	1 + 5 Drawer
Wheels	2 (Rear)

Key Features

EU standard A + Energy saving

Easy opening door handle

Easy sliding drawer with roller

Huge Box design

No frost

Multi air flow system

LED display with touch button control

Precise temperature setting with 1°C interval

Interior LED light

Super freeze function

Alarm function

Child lock function

Four star freezer design

Reversible door

Broad climate design

Environment-friendly technology

Low noise

Adjustable leg+rear wheels



Chill with Elan

Laboratory Freezer - Frost Free

CGN 650 F2 - 3Y

CGN 650 FG - 3Y



Laboratory Freezer - Frost Free

Presenting the latest technology in freezer, the Elanpro laboratory line with many features and sizes are produced with attention to details and user friendliness. No matter which product you choose, its build with the same strict guidelines.

Model	CGN 650 F2 - 3Y	CGN 650 FG - 3Y
Gross Capacity (Ltrs)	650	650
Dimension (W×D×H Inch)	29 x 33 x 79	29 x 33 x 79
Temperature Range	-16°C ~ -25°C	-16°C ~ -25°C
Temperature Display	Digital	Digital
Microprocessor Controller	Yes	Yes
Lock	Yes	Yes
No. of Shelves	3 + 1 Base	3 + 1 Base
Wheels	Yes	Yes
Door	Solid	Glass

Key Features

- Stainless steel exterior & interior
- Automatic door closing
- Forced air cooling
- Adjustable shelves
- Light
- Lockable castors
- Environment friendly CFC free refrigerant
- 60 mm thick puff insulation

Optional

- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



Chill with Elan

Laboratory Freezer - Frost Free

CGN 1410 F4 - 3Y

CGN 1410 FG - 3Y



Laboratory Freezer - Frost Free

Presenting the latest technology in freezer, the Elanpro laboratory line with many features and sizes are produced with attention to details and user friendliness. No matter which product you choose, its build with the same strict guidelines.

Model	CGN 1410 F4 - 3Y	CGN 1410 FG - 3Y
Gross Capacity (Ltrs)	1410	1410
Dimension (W×D×H Inch)	58 x 33 x 79	58 x 33 x 79
Temperature Range	-16°C ~ -25°C	-16°C ~ -25°C
Temperature Display	Digital	Digital
Microprocessor Controller	Yes	Yes
Lock	Yes	Yes
No. of Shelves	6 + 2 Base	6 + 2 Base
Wheels	Yes	Yes
Door	Solid	Glass
Key Features		
Stainless steel exterior & interior		
Automatic door closing		
Forced air cooling		
Adjustable shelves		
Light		
Lockable castors		
Environment friendly CFC free refrigerant		
60 mm thick puff insulation		
Optional		
Visual and acoustic alarm		
Adjustable high/low temperature alarm		
Door open alarm		
Contact for remote alarm		
Prepared for GSM alarm		
Integrated data logger (software included)		
RS485 interface		
USB read out		



Chill with Elan

Chest Freezer

EF 106 - 3Y

EF 206 - 3Y

EF 301 - 3Y

EF 450 - 3Y

EF 555 - 3Y



Chest Freezers

Engineered for just a little bit more, the EF series gives you upto -25°C instead of the conventional -20°C . Can be equipped with digital display and alarm features these freezers give the security needed for safe sample storage at low temperatures. Wide range of model available from 100 to 520 ltrs.

Chest Freezers

CE, CB ISO 9001, ISO 13485

Description	EF 106 - 3Y	EF 206 - 3Y	EF 301 - 3Y	EF 450 - 3Y	EF 555 - 3Y
Type	Chest Freezer / Chiller				
Capacity (Ltr)	100	210	310	420	520
External Dim.- (Inch) (WxDxH)	22 x 24 x 33	33 x 27 x 33	44 x 24 x 33	54 x 30 x 33	65 x 27 x 33
Baskets Qty.	1	1	1	1	2
No. of Door	1	1	1	2	2
Temperature range - °C	-16°C ~ -25°C	-16°C ~ -25°C	-16°C ~ -25°C	-16°C ~ -25°C	-16°C ~ -25°C
Castors	Yes	Yes	Yes	Yes	Yes
Lock	Yes	Yes	Yes	Yes	Yes

Key features

Low energy consumption

Low noise level

Environment friendly CFC free refrigerant

60 mm thick puff insulation

Optional

Digital display

Visual and acoustic alarm

Adjustable high/low temperature alarm

Contact for remote alarm





Chill with Elan

Pharma Refrigerator

ECG 205D - 3Y

ECG 305D - 3Y

ECG 405D - 3Y

ECG 625D - 3Y

ECG 1100A - 3Y



Pharma Refrigerator

The new pharmaceutical line from Elanpro offers a great overview of the samples through the big glass doors. With many alarm features consistent & uniform temperature and reliable performance the new pharma refrigerator has become a favorite in the lab.

Pharma Refrigerator

CE, CB ISO 9001, ISO 13485

Model	ECG 205D - 3Y	ECG 305D - 3Y	ECG 405D - 3Y	ECG 625D - 3Y	ECG 1100 A - 3Y
Gross Capacity (Ltrs)	200	300	400	625	1100
Dimension (W×D×H Inch)	20 x 23 x 60	22 x 22 x 65	25 x 24 x 76	36 x 29 x 85	47 x 28 x 76
Temperature Range	2°C ~ 8°C	2°C ~ 8°C	2°C ~ 8°C	2°C ~ 8°C	2°C ~ 8°C
Temperature Display	Yes	Yes	Yes	Yes	Yes
Microprocessor Controller	Yes	Yes	Yes	Yes	Yes
Lock	Yes	Yes	Yes	Yes	Yes
No. of Shelves	3	4	4	3	10
Wheels	2 (Rear)	2 (Rear)	2 (Rear)	2 (Rear)	4 (All)

Key Features

Forced air cooling

White exterior

Adjustable shelves

Environment friendly CFC free refrigerant

Microprocessor controller with display

Optional

Visual and Acoustic alarm

Adjustable High/Low temperature alarm

Door open alarm

Contact for remote alarm

Prepared for GSM alarms





Chill with Elan

Laboratory Refrigerator -

ECS 250

ECSV 370



Laboratory Refrigerator are the most preferred solution for Vaccine or drug storage.

Elanpro Laboratory Freezers are designed and manufactured in Europe and are the most preferred solution for various lab application including Vaccine and drug storage across India. It offers the unique advantage of high level consistency with precise temperature. Elanpro laboratory line is produced with attention to details and user friendliness and offer unique features and sizes. No matter which product you choose, its build with the same strict guidelines.

Model	ECS 250	ECSV 370
Description	Refrigerator	
Capacity (Ltrs)	250	400
Dimension (W x D x H Inch)	21 x 22 x 49	23 x 25 x 73
Temperature Range	2°C ~ 8°C	
No. of Shelves	4	5

Key Features

Micro processor controller with digital display

Door lock

Powder coated exterior

Automatic door closing

A++ Energy rating

Adjustable shelves

Environment friendly CFC free refrigerant

80 mm thick puff insulation

Optional

Visual and acoustic alarm

Adjustable high/low temperature alarm

Door open alarm

Contact for remote alarm

Prepared for GSM alarm

Integrated data logger (software included)

RS485 interface

USB read out



Chill with Elan

Upright Refrigerator - Frost Free

ECSV 400



Upright Refrigerator - Frost Free

Presenting Frost Free Upright Refrigerator. It is designed for easy access and reliable storage at low temperatures. It offers a combination of sealed pullout drawers / shelves of different sizes for flexible storage.

Upright Refrigerator - Frost Free

CE, CB ISO 9001, ISO 13485

Model	ECSV 400
Description	Refrigerator
Capacity (Ltrs)	392
Dimension (W x D x H Inch)	24 x 26 x 73
Temperature Range	2°C ~ 8°C
No. of Shelves	5
Key Features	
Visual and acoustic alarm	
Door open alarm	
Micro processor controller with digital display	
Powder coated exterior	
Automatic door closing	
A+ Energy rating	
Adjustable shelves	
Environment friendly CFC free refrigerant	
Optional	
Door lock	
Adjustable high/low temperature alarm	
Contact for remote alarm	
Prepared for GSM alarm	
Integrated data logger (software included)	
RS485 interface	
USB read out	



Chill with Elan

Laboratory Refrigerator - Frost Free

CGN 650 C2 - 3Y

CGN 650 CG - 3Y



Laboratory Refrigerator - Frost Free

Presenting the latest technology in refrigerator, the Elanpro laboratory line with many features and sizes are produced with attention to details and user friendliness. No matter which product you choose, its build with the same strict guidelines.

Model	CGN 650 C2 - 3Y	CGN 650 CG - 3Y
Gross Capacity (Ltrs)	650	650
Dimension (W×D×H Inch)	29 x 33 x 79	29 x 33 x 79
Temperature Range	2°C ~ 8°C	2°C ~ 8°C
Temperature Display	Digital	Digital
Microprocessor Controller	Yes	Yes
Lock	Yes	Yes
No. of Shelves	3 + 1 Base	3 + 1 Base
Wheels	Yes	Yes
Door	Solid	Glass

Key Features

- Stainless steel exterior & interior
- Automatic door closing
- Forced air cooling
- Adjustable shelves
- Light
- Lockable castors
- Environment friendly CFC free refrigerant
- 60 mm thick puff insulation

Optional

- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



Chill with Elan

Laboratory Refrigerator - Frost Free

CGN 1410 C4 - 3Y

CGN 1410 CG - 3Y



Laboratory Refrigerator - Frost Free

Presenting the latest technology in refrigerator, the Elanpro laboratory line with many features and sizes are produced with attention to details and user friendliness. No matter which product you choose, its build with the same strict guidelines.

Model	CGN 1410 C4 - 3Y	CGN 1410 CG - 3Y
Gross Capacity (Ltrs)	1410	1410
Dimension (W×D×H Inch)	58 x 33 x 79	58 x 33 x 79
Temperature Range	2°C ~ 8°C	2°C ~ 8°C
Temperature Display	Digital	Digital
Microprocessor Controller	Yes	Yes
Lock	Yes	Yes
No. of Shelves	6 + 2 Base	6 + 2 Base
Wheels	Yes	Yes
Door	Solid	Glass
Key Features		
Stainless steel exterior & interior		
Automatic door closing		
Forced air cooling		
Adjustable shelves		
Light		
Lockable castors		
Environment friendly CFC free refrigerant		
60 mm thick puff insulation		
Optional		
Visual and acoustic alarm		
Adjustable high/low temperature alarm		
Door open alarm		
Contact for remote alarm		
Prepared for GSM alarm		
Integrated data logger (software included)		
RS485 interface		
USB read out		



Chill with Elan

Laboratory Refrigerator - Static Cooling

RI 551 C - 3Y

RI 1101 C - 3Y



Laboratory Refrigerator - Static Cooling

Static cooling is the most preferred technology used for laboratory refrigerator. It offers the unique advantage of high level consistency with precise temperature. Elanpro laboratory line is produced with attention to details and user friendliness and offer unique features and sizes. No matter which product you choose, its build with the same strict guidelines.

Model	RI 551 C - 3Y	RI 1101 C - 3Y
Description	Static Refrigerator	
Capacity (Ltrs)	550	1100
Dimension (W x D x H Inch)	27 x 28 x 79	53 x 28 x 79
Temperature Range	2°C ~ 8°C	
No. of Shelves	3	6
Key Features		
Micro processor controller with digital display		
Door lock		
Stainless steel exterior & interior		
Automatic door closing		
Static cooling with forced air		
Adjustable shelves		
Lockable castors		
Environment friendly CFC free refrigerant		
60 mm thick puff insulation		
Optional		
Visual and acoustic alarm		
Adjustable high/low temperature alarm		
Door open alarm		
Contact for remote alarm		
Prepared for GSM alarm		
Integrated data logger (software included)		
RS485 interface		
USB read out		



Chill with Elan

Medicine Coolers

RF 61 -3Y

RF 61G - 3Y



Medicine Coolers

Designed to meet the specific requirement of pharma application where insulation, injectable and vaccine require precise and consistent temperature.

CE, CB ISO 9001, ISO 13485

Model	RF 61 - 3Y	*RF 61 G - 3Y
Capacity Ltrs.	50	50
Input Power (W)	70	70
Energy Consumption	0.5	0.5
Temperature	2°C ~ 8°C	2°C ~ 8°C
Product Dimension (W x D x H)	20 x 18 x 21	20 x 18 x 21

*at 35°C



Chill with Elan

Ice Flakers

- EFM 101
- EFM 201
- EFM 301
- EFM 501
- EFM 801
- EFM 1001
- EFM 1501



Ice Flakers

Elanpro offers both under counter Ice flake machines with built in Storage Bins as well as modular Ice flake machine with separate Bins. Elanpro ice flake machines have vertical evaporator and are specially designed for large scale usage in pharmaceutical industry, hospital, research institutes and path labs.

Model	EFM 101	EFM 201	EFM 301	EFM 501	EFM 801	EFM 1001	EFM 1501
Model - Bin	Built-in	S 190	S 190	S 300	S 300	S 430	S 430
Capacity* (Kg/24 hrs)	100	200	300	500	800	1000	1500
Bin Size (Kg)	20	190	190	300	300	430	430
Machine Dim. (WxDxH) inch	21 x 22 x 38	30 x 32 x 72	30 x 32 x 72	48 x 36 x 80	48 x 36 x 80	48 x 38 x 86	48 x 38 x 86
Power (W)	350	1200	1200	1900	1900	2000	2000
Net Weight (kg)	54	150	150	222	222	266	266

* Rated capacity at 10°C Water and 21°C Air.

Key Features:

Low energy consumption

Low water consumption per kg of ice produced

Compatible Ice Storage Bins available

Air cooled

Control board with display

Vertical evaporator

Stainless steel body

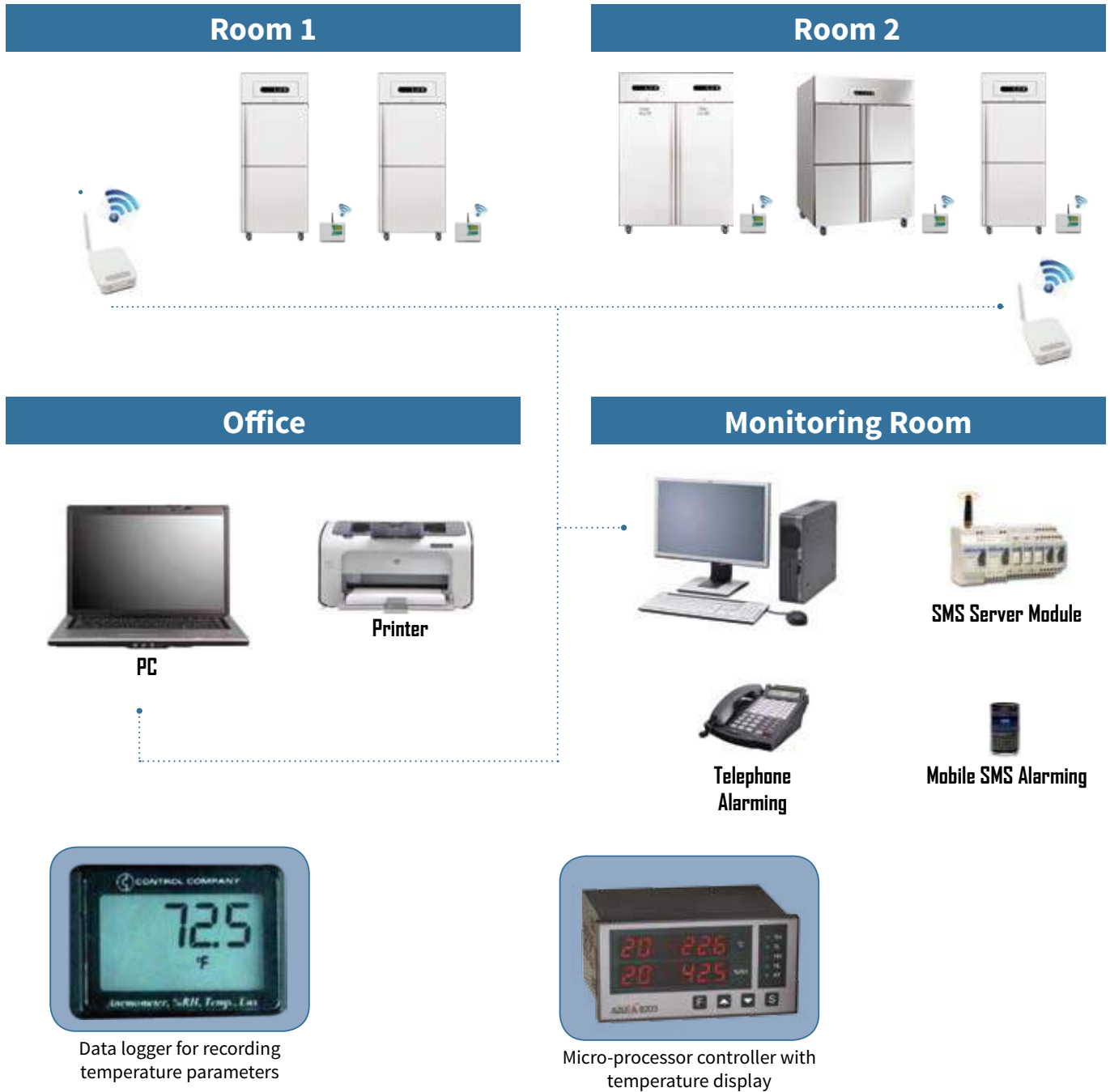
Adjustable feet

Pre Filter



Cold-Chain Equipment Monitoring and Control System

After Audible & Visible Monitor and Wired Monitor, Wireless Monitor is the latest Cold Chain Products Monitoring method in the world.



Data logger for recording temperature parameters



Micro-processor controller with temperature display

Advantage

Easy to install: wireless monitoring system without wire & switches

No interference: specified frequency to avoid interference

High Precision: temperature management $\pm 1^{\circ}\text{C}$

System Feature

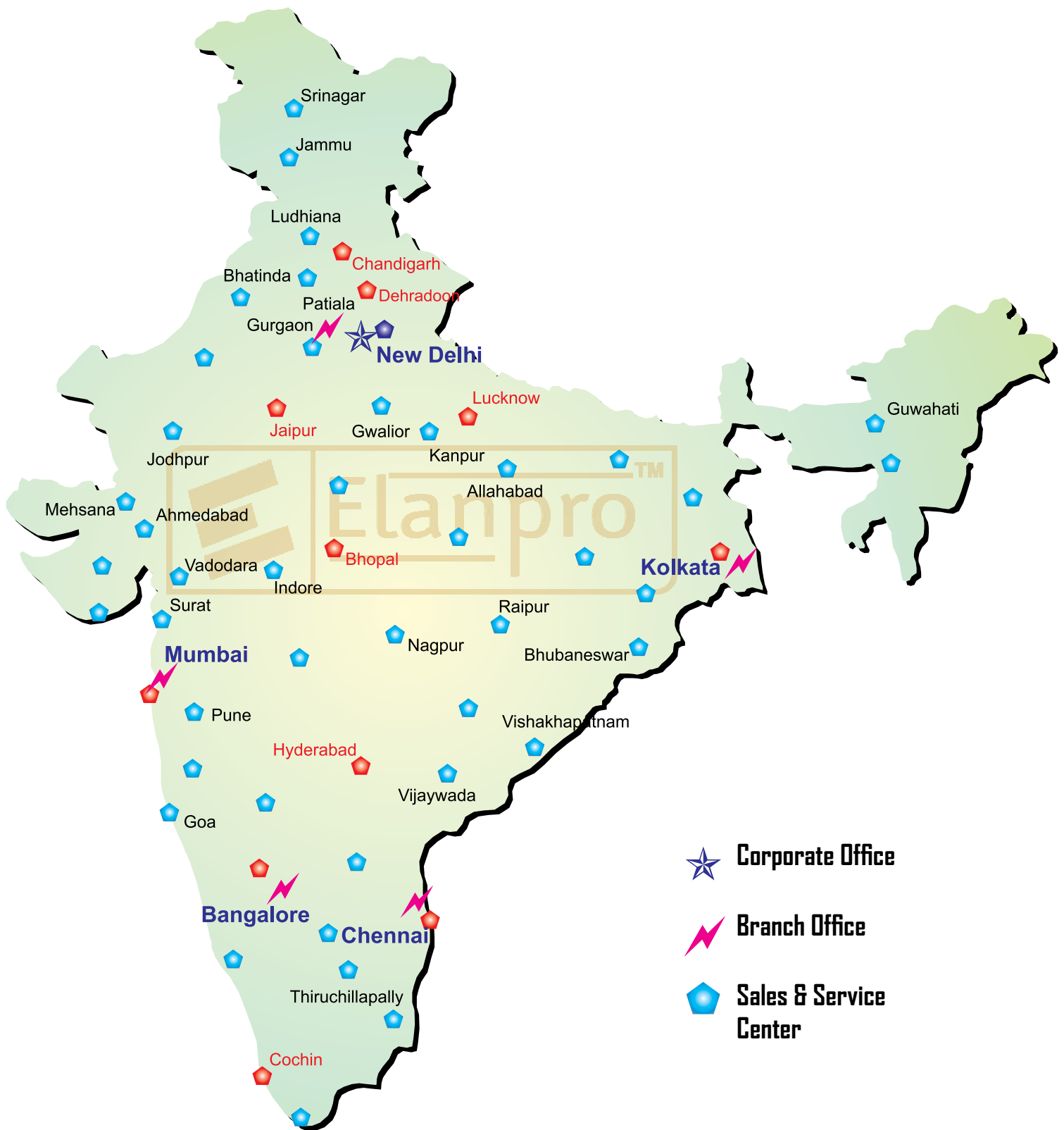
Installation: wireless monitoring system without wire & switches

Safe and reliable: monitor the temperature 24x7 with low & high temperature alarm system

Data Logging: download the historical or real-time data

Options: available in standalone or multiple unit system

Sales and Service Network



List of Selected Users

IARI
JNU
AIIMS
NBPGR
IIT
Brain Research
Natinal Dope Laboratory
SGPGI
CDRI
NBRI
DRDO

PGI
JIPMER
Indian Institute of Science (IIS)
Indian Institute of Horticulture Research
Raptim
EMPRO Cell
Indian Institute Of Technology (IIT)
World Courier
Hemogenomics
OCASA

SRL Ranbaxy
Madras Veterinary College
Excel Life Science
Chembiotech
Torrent Pharmaceuticals Limited
B A Research Limited
Agri Business Development, TNAU
Central Institute Medical Aromatic Plant (CIMAP)

