



DAIREI ^A/_S
EUROPE

THE ART OF SIMPLICITY



DANISH DESIGN AND ULTIMATE PERFORMANCE TECHNOLOGY



The Dairei world wide patented single compressor system, offers the best solution in the ultra low temperature market. With focus on simplicity we strive to design products that are easy to use, equipped with all features. In the unlikely event, that a service problem should occur, all service can be done onsite without special training or tools.



The ORIGINAL and WORLD PATENTED single compressor cooling system, with the true single stage technology provides low energy consumption, low noise and low heat dissipation. The -85°C freezers are equipped with small footprint ensuring easy access to all laboratories and comes in exclusive Danish design.



Dairei products are CE marked and comply with EU standards.



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UPRIGHT LOW & ULTRA LOW TEMPERATURE FREEZERS

-85/-40°C



REMEMBER YOUR QUOTE ON



15 racks and 252 pieces 50mm plastic boxes (optional).



Chart recorder is available (optional).



Prepared for our advanced CO2 backup system (optional).



Increase your security. The ULUF series is prepared for GSM alarm.

ULUF SERIES

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors and door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free

CONTROLLER

- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



Digital Controller with micro processor and battery backup.



New designed easy to use Door lock.



Halogen lights activate when door is opened.



Evaporator freezing shelves provide constant temperature in each compartment.

OPTIONAL 5 YEARS WARRANTY*

ULUF SERIES -85/-40°C

The new ULUF series is a product of our passion, to strive after excellence when we offer the best in Ultra low temperature freezing. Once again we set new standards with the most user friendly controller in the market. Features as non-manipulative data logger and USB readout are just some of the features that come as standard in the ULUF series.



SPECIFICATIONS

Model	ULUF 450
Item Code (DAI no.)	DAI1408
Dimensions exterior WxDxH (mm)	720x755x2089
Net capacity (L)	390
Temperature range (°C)	-40/-85
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* Optional, Excl. refrigerant, labour etc.

-85/-40°C

UPRIGHT LOW & ULTRA LOW TEMPERATURE FREEZERS

UPUL SERIES

- Single compressor
- Low energy consumption
- Low noise level
- 100% HCFC/CFC free
- Low Heat dissipation
- Inner doors
- Castors and door key lock

CONTROLLER

- Digital display
- Data logger (software included)
- Battery backup - 72 hours
- RS 232 Interface
- Prepared for GSM alarm module
- Visual and acoustic alarm
- Power failure alarm
- Adjustable high/low temperature alarm
- Open door alarm
- Probe failure alarm
- Instrument (Eprom) failure alarm
- Contact for remote alarm



**OPTIONAL
5 YEARS
WARRANTY***



Heated vacuum valve to prevent a vacuum when opening the door at short intervals



Digital controller with visual + acoustic alarms, remote monitoring and 72 hrs battery backup



Each freezer shelf is designed with holes for easy access of CO² liquid from top to bottom.

UPUL SERIES -85/-40°C

Experience a Danish design icon with a multifunctional controller, ergonomic usage and many alarm features for the extra security. With direct cooling in each compartment, the UPUL series ensures better temperature uniformity from top till bottom.



CO2CARE

REMEMBER YOUR QUOTE ON:

- RACKS AND BOXES
- CHART RECORDER
- CO2 BACKUP
- GSM ALARM

SPECIFICATIONS

Model	UPUL 540	UPUL 580
Item Code (DAI no.)	DAI1406	DAI1404
Dimensions exterior WxDxH (mm)	678x785x2162	678x785x2162
Net capacity (L)	450	450
Temperature range (°C)	-20/-40	-40/-85
Power supply (V)	230	230
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* Optional, Excl. refrigerant, labour etc.

UPRIGHT LOW & ULTRA LOW TEMPERATURE FREEZERS

-85/-40°C



REMEMBER YOUR QUOTE ON



30 racks and 504 pieces 50mm plastic boxes (optional).



Chart recorder is available (optional).



Prepared for our advanced CO2 backup system (optional).



Increase your security. The ULUF series is prepared for GSM alarm.

ULUF SERIES -85/-40°C

With its massive 780L the new ULUF series is still the most versatile Ultra low freezer in the market. From the possibility to disassemble for easy installation, to multiple temperature ranges at once, Dairei once again sets the standards in the Ultra low temperature freezing.

OPTIONAL 5 YEARS WARRANTY*



SPECIFICATIONS

Model	ULUF 850
Item code (DAI no.)	DAH411
Dimensions exterior WxDxH (mm)	1500x755x2089
Net capacity (L)	780
Temperature range (°C)	-40 / -85
Power supply (V)	230
Frequency (Hz)	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* Optional, Excl. refrigerant, labour etc.

ULUF SERIES

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Insulated inner doors
- Castors and door key lock
- Ergonomic loading
- Heated door frame
- Heated vacuum valve
- 100% HCFC/CFC free

CONTROLLER

- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



-85/-40°C

ULTRA LOW TEMPERATURE CHEST FREEZERS

ULTF SERIES

- Single compressor
- Low energy consumption
- Low noise level (50 dBA)
- 100% HCFC/CFC free
- Low heat dissipation
- Sub lids
- Castors and key lock
- Porthole for installation of PT100/CO2 backup

CONTROLLER

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Instrument (Eprom) failure alarm
- Contact for remote alarm
- Approx. 48 hours battery back up for alarms and temperature display in case of power cut
- 3 pin PT100 specially designed for ultra low temperature



ULTF 320

21 racks and 216 pieces 50mm plastic boxes. (optional for ULTF320)



ULTF 80

5 racks and 40 pieces 50mm plastic boxes (optional for ULTF80)



ULTF 420

27 racks and 282 pieces 50mm plastic boxes. (optional for ULTF420)

REMEMBER YOUR QUOTE ON:
 - RACKS AND BOXES
 - CHART RECORDER
 - CO2 BACKUP
 - GSM ALARM

**OPTIONAL
 5 YEARS
 WARRANTY***

ULTF SERIES -85/-40°C

Innovative thinking is often spoiled by compromise, the ULTF series shows that high performance freezing with the focus on energy saving is the future. Our integrated cooling system gives maximum use on limited space, and we pride our selves with the lowest noise level available.



SPECIFICATIONS

Model	ULTF 80	ULTF 320	ULTF 420
Item code (DAI no.)	DAI200	DAI205	DAI210
Dimensions exterior WxDxH (mm)	552x648x850	1260x698x850	1560x698x850
Net capacity (L)	71	284	368
Temperature range (°C)	-40 / -85	-40 / -85	-40 / -85
Power supply (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* Optional, Excl. refrigerant, labour etc.

ULTRA LOW TEMPERATURE FREEZERS

-80/-40°C



MUF 40 -80°C FREEZER

With every generation, ahead of its time, the MUF 40 brings the noise level to all time low. With the possibility for under counter use in the laboratory or to have your samples stowed away in your private office, the MUF 40 with its 33 Liters is perfect for your needs.

MUF 40

- Single compressor
- Low energy consumption
- Low noise level
- Low heat dissipation
- Door key lock

CONTROLLER

- Digital display
- Battery backup
- Visual and acoustic alarms
- High/low temp. alarm
- Power failure alarm
- Probe failure alarm
- Contact for remote alarm



PORTABLE -80°C FREEZER

Keep your eyes on what's important. The DP-80 ensures direct access to your samples at your desk. The Cryo Porter is based on sterling technology which means no compressor nor refrigerant. This makes it the most environmentally safe product in the Dairei range.



CRYO PORTER

- Changeable aluminium block
- Digital controller
- Simple & Easy Operation
- Temp. stability +/- 0,2°C.
- Safety system for over current high and low temperature
- Adjustable high/low temperature alarm
- AC (230V) and DC (12V) connection cables

ALUMINIUM BLOCKS:

- (DAI 1421) DPB-0296: 96 wells for PCR-tubes 0,2 ml
- (DAI 1422) DPB-0548: 48 wells for PCR-tubes 0,5 ml
- (DAI 1423) DPB-1548: 48 wells for Sample-tubes 1,5 ml
- (DAI 1424) DPB-1840: 40 wells for Vials, Cryotubes 1,8 ml
- (DAI 1425) DPB-2040: 40 wells, Cryotubes 2,0 ml

**REMEMBER
THE
ALUMINIUM
BLOCK**

SPECIFICATIONS

Model	Cryo Porter DP-80	MUF 40
Item Code (DAI no.)	DAI1420	DAI1410
Dimensions exterior WxDxH (mm)	230x262x390	460x615x690
Net capacity (L)	-	33
Temperature range (°C)	-80 / 0	-40 / -80
Power supply (V)	230 / 12	230
Frequency (Hz)	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.



-30/-60°C

LOW TEMPERATURE CHEST FREEZERS

LTF SERIES

- Single compressor
- Low energy consumption
- Low noise level
- 100% HCFC/CFC free
- Castors
- Key lock
- Basket(s)

CONTROLLER

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Contact for remote alarm
- Probe failure alarm



LTF 85



LTF 325



LTF 535

LTF SERIES -60°C

As a synonym for security, the LTF series gives reliable low temperature freezing, with good temperature uni-formity. Digital display, alarms, contact for remote monitoring, basket(s) and castors are some of the standards.

SPECIFICATIONS

Model	LTF 85	LTF 325	LTF 425	LTF 535
Item Code (DAI no.)	DAI101	DAI111	DAI116	DAI121
Dimensions exterior WxDxH (mm)	552×648×850	1260×695×885	1560×695×885	1705×655×865
Net capacity (L)	71	284	368	504
Temperature range (°C)	-30/-60	-30/-60	-30/-60	-30/-60
Power supply (V)	230	230	230	230
Frequency (Hz)	50/60	50/60	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

LOW TEMPERATURE LABORATORY FREEZERS

-10/-45°C



UPLTF 275

UPLTF SERIES -40°C

Create new traditions with the UPLTF series. Designed for easy access and reliable storage at low temperatures. 7 or 4 sealed drawers with transparent fronts, ensures a good overview of your samples, and with direct cooling above each drawer the temperature is stable while the door is open.



UPLTF 90

LTFE SERIES -45°C

Engineered for just a little bit more, the LTFE series gives you -45°C instead of the conventional -40°C. Equipped with digital display and alarm features these freezers give the security needed for safe sample storage at low temperatures.



LTFE 290

UPLTF SERIES

- Digital display
- High temperature alarm
- Exterior contact for remote alarm
- Acoustic alarm
- Right hand hinged reversible door
- Adjustable feet at front, and castors at back
- All around sealed drawers to prevent frost escape when opening door

LTFE SERIES

- Low energy consumption
- Low noise level
- Key lock, castors and baskets

CONTROLLER

- Digital display
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Contact for remote alarm
- Probe failure alarm

SPECIFICATIONS

Model		UPLTF 90	UPLTF 275
Item Code (DAI no.)		DAI370	DAI375
Dimensions exterior WxDxH (mm)		623x544x842	570x595x1760
Net capacity (L)		90	270
Temperature range (°C)		-20/-40	-10/-40
Power supply (V)		230	230
Frequency (Hz)		50/60	50/60
Model	LTFE 140	LTFE 290	LTFE 370
Item Code (DAI no.)	DAI1600	DAI1605	DAI1610
Dimensions exterior WxDxH (mm)	725x655x865	1055x655x865	1305x655x865
Net capacity (L)	130	284	368
Temperature range (°C)	-10/-45	-10/-45	-10/-45
Power supply (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

-30/+10°C

LABORATORY REFRIGERATORS AND FREEZERS

LR/LF/LFF SERIES

- Door key lock
- White or stainless steel exterior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Stainless steel interior
- Lights
- Castors

CONTROLLER

- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



LR/LF 500



LR 270-2 / LFF 270



LR/LF 700

AVAILABLE WITH STAINLESS STEEL EXTERIOR

LR SERIES - ALL IN ONE

Unite the latest technology in one refrigerator, the new Dairei laboratory line with many features and sizes is produced with attention to details and user friendliness. No matter which product you choose, its build after the same strict guidelines.



LR/LF 1400



SPECIFICATIONS

Model	LR 300**	LF 300**	LR 270-2**	LFF 270**	LR 500**	LF 500**
Item code (DAI no.)	DAI220/221*	DAI225/226*	DAI230/231*	DAI235//236*	DAI240/241*	DAI245/246*
Dimensions exterior WxDxH (mm)	520x700x2020	520x700x2020	520x700x2020	520x700x2020	615x800x2010	615x800x2010
Net capacity (L)	300	300	135/135	135/135	500	500
Temperature range (°C)	+1/+10	-10/-30	+1/+10	+1/+10 / -10/-30	+1/+10	-10/-25
Power supply (V)	230	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50	50
Model	LR 700**	LF 700**	LR 660-2**	LFF 660**	LR 1400**	LF 1400**
Item code (DAI no.)	DAI250/251*	DAI255/256*	DAI260/261*	DAI265//266*	DAI270/271*	DAI275/276*
Dimensions exterior WxDxH (mm)	720x860x2020	720x860x2020	720x860x2020	720x860x2020	1440x860x2020	1440x860x2020
Net capacity (L)	700	700	330/330	330/330	1400	1400
Temperature range (°C)	+1/+10	-10/-30	+1/+10	+1/+10 / -10/-30	+1/+10	-10/-30
Power supply (V)	230	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.

** For stainless steel exterior please add -ST to the existing product name.

* DAI number for unit with stainless steel exterior

LABORATORY / PHARMACEUTICAL REFRIGERATORS AND FREEZERS

-26/+15°C



LR 390/LF 340



PR 390

SPARK FREE INTERIOR



LR 170/LF 140



PR 170

SPECIFICATIONS

Model	PR 170*	PR 390*
Item code (DAI no.)	DAI590	DAI595
Dimensions exterior WxDxH (mm)	595x620x830	595x620x1780
Net capacity (L)	166	387
Temperature range (°C)	+2/+15	+2/+15
Power supply (V)	230	230
Frequency (Hz)	50	50



LF 140 comes with direct cooling under each basket.

Model	LR 170*	LF 140*	LR 390*	LF 340*
Item code (DAI no.)	DAI550	DAI560	DAI555	DAI565
Dimensions exterior WxDxH (mm)	595x620x830	596x620x830	596x620x1785	596x620x1785
Net capacity (L)	161	122	377	312
Temperature range (°C)	+2/+15	-10/-26	+2/+15	-10/-26
Power supply (V)	230	230	230	230
Frequency (Hz)	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* This unit can optionally be equipped with 60 Hz compressor.

LR/LF 140/170/390/340

- Digital display
- High/low temperature visual alarm
- Acoustic open door alarm
- Spark free interior
- White exterior
- Key lock
- Right hand hinged reversible door
- Auto defrost in refrigerator
- Castors

PR/PF 170/390

- Digital display
- High/low temperature visual alarm
- Acoustic open door alarm
- Spark free interior
- ABS interior
- White exterior
- Key lock
- Right hand hinged reversible door
- Adjustable shelves
- Auto defrost in refrigerator



-23/+10°C

PHARMACEUTICAL REFRIGERATORS AND FREEZERS

PR/PF SERIES

- Stainless steel interior
- White exterior
- Automatic door closing
- Air forced cooling
- Adjustable shelves
- Door key lock
- Glass door

CONTROLLER

- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



PR/PF 1400

PR SERIES

With class leading cooling performance, the pharmaceutical refrigerators and freezers from Dairei gives a good overview with the double pane glass doors. The new Dairei controller ensures reliable temperature and is equipped with many alarms to give you full security.



PR/PF 500/700



SPECIFICATIONS

Model	PR 500**	PF 500**	PR 700**	PF 700**	PR 1400**	PF 1400**
Item code (DAI no.)	DAI850/851*	DAI857/856*	DAI860/861*	DAI865/866*	DAI870/871*	DAI875/876*
Dimensions exterior WxDxH (mm)	615x800x2010	615x800x2010	720x860x2020	720x860x2020	1440x860x2020	1440x860x2020
Net capacity (L)	500	500	700	700	1400	1400
Temperature range (°C)	+1/+10	-10/-23	+1/+10	-10/-23	+1/+10	-10/-23
Power supply (V)	230	230	230	230	230	230
Frequency (Hz)	50	50	50	50	50	50

We reserve the right to change specifications without notice. Subject to confirmation and availability.

* DAI number for unit with stainless steel exterior

** For stainless steel exterior please add -ST to the existing product name.

PHARMACY REFRIGERATOR

+3/+10°C



PR 360

PHARMACY REFRIGERATOR

Perfect craftsmanship signifies the new pharmacy refrigerator in the Dairei range. With the implementation of our already well known multi feature controller and improved cooling performance, the PR360 represent the new generation in pharmacy storage.



Advanced GSM alarm is available for your extra security (optional).



The Dairei controller has every alarm feature possible, combined with integrated data logger, contact for remote monitoring, RS485 interface and USB read out. Software provided at no extra charge.

PR 360

- Improved cooling performance
- Interior Light
- Flexible shelf system
- Air forced cooling
- Key lock

CONTROLLER

- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



SPECIFICATIONS

Model	PR 360
Item code (DAI no.)	DAI826
Dimensions exterior WxDxH (mm)	595x595x2000
Net capacity (L)	351
Temperature range (°C)	+3/+10
Power supply (V)	230
Frequency (Hz)	50/60

* This unit can optionally be equipped with 60 Hz compressor. (add -60 to the above product name)
We reserve the right to change specifications without notice. Subject to confirmation and availability.

+4°C

BLOOD BANK REFRIGERATORS AND FREEZERS

BBR 500/700/1400

- Stainless steel interior
- White exterior
- Automatic door closing and key lock
- Air forced cooling
- Drawers
- Right hand hinged reversible door
- Castors
- Chart recorder

CONTROLLER

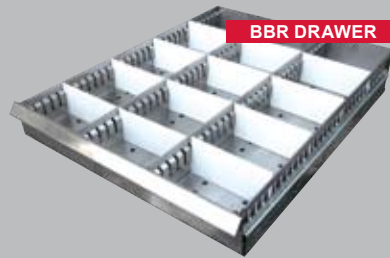
- Micro processor controller with digital display
- Battery backup - 48 hours
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Door open alarm
- Contact for remote alarm
- Prepared for GSM alarm
- Integrated data logger (software included)
- RS485 interface
- USB read out



BBR 500



BBR 700



BBR DRAWER



BBR 1400

BLOOD BANK SERIES

A perfect combination of unique temperature uniformity and reliable technology, the Dairei Blood Bank segment offers extreme security where needed. Experience the Blood Bank refrigerators with advanced controllers, integrated non-manipulative data logger with USB read out and chart recorder as standard.

Carry Coolers

- For safe transportation
- Digital display
- Constant temperature
- The carry coolers have different features. Please contact us for more information.
- AC (230 V) and DC (12V) connection cable
- Safety system for wire basket



CO25DC

Compressor.
DC connection cable.



TE21AC

Thermoelectric. AC and DC connection cable. Cooling capacity: max. 30°C below ambient temperature. Can be rebuilt for +20°C

PLASMA BLAST FREEZERS

-55°C



The barcode reader ensures unique logging of the freezing phase of each blood bag/ampoule. It is constructed according to ISP 128.



The lid can be opened during freezing process if you need to freeze more blood bags/ampoules.



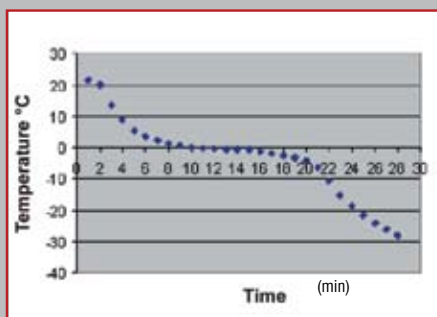
Compartments for blood bags or ampoules for individual freezing.



Digital display of data as numeric values or diagram.

PLASMA BLAST FREEZERS

Based on newly developed contact freezing the Dairei PBF series is the future in the blood segment. Dairei PBF models ensures a controlled environment and a continues production with less time waste. The freezers work with a water cooled compressor to decrease noise, and is equipped with logging features, alarms, barcode reader and all software included.



Freezing phase of 12 bags (300 ml) + 2 bags (600 ml)

SPECIFICATIONS

Model	BBR 500	BBR 700	BBR 1400	CO25DC
Item code (DAI No.)	DAI735	DAI740	DAI745	DAI715
Dimensions exterior WxDxH (mm)	615x800x2010	720x860x2020	1440x860x2020	260x550x425
Net capacity (L)	500	700	1400	23
Temperature range (°C)	+4	+4	+4	+10/-18
Power supply (V)	230	230	230	12/24
Frequency (Hz)	50	50	50	50/60
Model	TE21AC	PBF108	PBF116	PBF124
Item Code (DAI no.)	DAI725	DAI994	DAI995	DAI996
Dimensions exterior WxDxH (mm)	303x450x420	880x623x1060	1192x623x1060	1650x623x1060
Net capacity (L)	21	-	-	-
Temperature range (°C)	+1/+15	-55	-55	-55
Power supply (V)	12/24/230	230	230	230
Frequency (Hz)	50	50/60	50/60	50/60

We reserve the right to change specifications without notice. Subject to confirmation and availability.

PBF SERIES

PBF108: 8 freezing compartments for blood ampoules max. 1000 ml each or plasma bags 250-325 ml each (325-600 ml optional)

PBF116: 16 freezing compartments for plasma bags 250-325 ml (325-600 ml optional) or blood ampoules max. 1000 ml

PBF124: 24 freezing compartments for plasma bags 250-325 ml (325-600 ml optional) or blood ampoules 1000 ml

High temperature alarm (TA °C): -35

Timer for each compartment

Individual freezing phase display and logging of each compartment as numeric values or diagram

The freezing time to 0°C which is absolutely crucial to the quality of the end product is extremely short

ATA-Flash drive for data storage

RS 232/485 interface (optional)

Ethernet interface (optional)

Sleep mode

PLEASE ASK FOR SEPARATE CATALOGUE



DAIREI ENGINEERING

DAIREI ENGINEERING

DAIREI ENGINEERING is our project department which specialises in customer specific refrigeration solutions. We elaborate projects, offer propositions of solutions and carry out installations all over the world in cooperation with our suppliers.

We can handle every assignment, especially projects that include, low temperature rooms for storage of medicine, blood banking or other products which require stable temperature under extreme surroundings. Most often we can meet all your requirements, typically from $-25/+2^{\circ}\text{C}$ to $-60/-40^{\circ}\text{C}$. Our projects are supported by professional sub suppliers, complete documentation, including AUTOCAD and we take pride in customer satisfaction.

Among our projects we have supplied cold rooms for medicine storage and arranged delivery and installation of freezers to multiple sites in Africa, Middle East and Europe.

We have also produced -60°C mobile 40 ft container solutions for medical companies as emergency cooling capacity.

These are just a few examples of our projects and show how flexible we are at the engineering department at DAIREI. Quality inspections and developments of new products together with partners is also a daily task where the DAIREI Engineering involves itself. This ensures stable and good quality and we also strive for the highest standard of value for money in our products and projects.

Furthermore, we help our customers with selecting the best solution based on their actual needs, requirement and budgets. In special case we can assist in validation and specially built products for use in chemistry, biotech, microbiology and ingredient field.



Example 3D drawing

COLD STORE ROOM



MDR 2000
Mobile cold store room
-40/-60°C



Advanced controller features and digital display.
The MDR 2000 can be installed with generator, GPS surveillance and data logger. (optional)



Example 3D drawing



Redundant compressor system
for cold store room -25°C

ACCESSORIES

Accessories

- CO₂ back up
- Racks and boxes
- Chart recorder
- GSM alarm module



Chart recorder



GSM alarm module



Racks and boxes



CO₂ back up



ACCESSORIES

CO₂ BACK UP: A number of DAIREI's products can be supplemented by a CO₂ back up system for optimized safety. The back up system is supplied with heavy duty internal battery injection indicator and digital display with alarm functions.

RACKS AND BOXES: We offer a large variety of racks and boxes to our refrigerators and freezers. The racks are made of high quality stainless steel and the boxes of plastic which can stand the low temperature.

CHART RECORDER: If you need documentation for the temperature condition over a certain period of time, DAIREI's chart recorder

is the optimal solution. A replaceable pen is continuously documenting the temperature on a chart which circulates either on 7 days or 24 hour basis. The chart recorder can be built in as an option in many of Dairei's products.

GSM ALARM MODULE: A GSM alarm module can be connected to the majority of DAIREI's products. The module sends a SMS message to one or several coded telephone numbers in case the temperature in the freezer exceeds the fixed range. A simple, effective and reliable alternative providing increased safety.

Make your own personal notes here:

THE ART OF SIMPLICITY

ON BEHALF OF DAIREI EUROPE A/S AND THE DAIREI SALES TEAM I LIKE TO THANK YOU AS A CUSTOMER FOR THE SUPPORT OVER THE PAST YEAR. DAIREI EUROPE EXPERIENCED A TREMENDOUS GROWTH IN THE LAST YEARS AND WE ARE CONFIDENT THAT OUR CONCEPTS AND WAY OF WORKING IS THE REASON FOR OUR SUCCESS.

THE ART OF SIMPLICITY DOES NOT ONLY APPLY TO OUR PRODUCTS TO MAKE ADVANCED COOLING, BUT IT ALSO REFER TO OUR WAY OF WORKING, OUR LEVEL OF SERVICE AND OUR VALUES WHICH ARE FOCUSED ON YOUR NEEDS BY BEING FLEXIBLE IN OUR MIND SETTING, TRUST WORTHY AND NOT LEAST INNOVATIVE IN THE WAY WE DO BUSINESS.

WE ENJOY MAKING A DIFFERENCE, NOT ONLY WITH OUR WORLD PATENTED COOLING TECHNOLOGY. WE HOPE THAT YOU EXPERIENCE THIS WHEN DEALING WITH DAIREI EUROPE. WE BELIEVE WITH COMMON SENSE AND DEDICATION TO HARD WORK WE CAN MAKE IT EASY FOR OUR CUSTOMERS TO CHOOSE WORKING WITH DAIREI, AND MAKE US ABLE TO CONTINUE OUR GROWTH AND SUCCESS FOR THE FUTURE.

ONCE AGAIN, THANK YOU FOR YOUR SUPPORT, WE LOOK FORWARD TO A CONTINUED COOPERATION IN THE YEARS TO COME.

KIND REGARDS, LARS OLE JENSEN

IT'S AS SIMPLE AS THAT

MANAGING DIRECTOR
LARS OLE JENSEN





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