



The Experts in
Medical Refrigeration

Product Catalogue

Temperature in Control



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Why Choose Lec Medical?

Lec Medical has paved the way for specialist medical refrigeration and freezers, providing a safe and reliable range of solutions for hospitals, pharmacies, GP surgeries, laboratories and bloodbanks. We have the secure grounding to support continuous innovation to meet your needs. You can be confident in the knowledge that Lec Medical is the refrigeration specialist providing a robust, reliable service.

Just some of the reasons to choose Lec Medical as your refrigeration specialist:

- ✓ We offer free standard delivery on Lec Medical refrigeration and freezer units featured in this brochure*.
- ✓ Our range is manufactured in the UK to the highest quality standards. Look out for the Made in Britain symbol.
- ✓ We have total confidence in our products and back that up with a FREE 5 years parts and labour warranty*. No complex registration required.
- ✓ Our award-winning customer help centre is on hand 5 days a week to offer guidance in the unlikely event of a problem with one of our units, with a team of 180 service engineers covering the whole of the UK to deal with any issues quickly and efficiently.
- ✓ Our large nationwide distribution centre holds stock of most of our range, enabling us to supply products to meet orders promptly and with different delivery options to suit you.
- ✓ Lec Medical takes its environmental responsibilities seriously - we always try to use the most environmentally friendly refrigerant gases where possible, meaning our units are not only kinder to the environment but also require less energy to run.
- ✓ We are a leading approved supplier to the NHS Supply Chain, enabling NHS facilities involved with this service to order easily and at a competitive price.
- ✓ Every single unit is individually tested and quality checked before it leaves the production line to ensure it is in full working order.

*UK only, on selected models

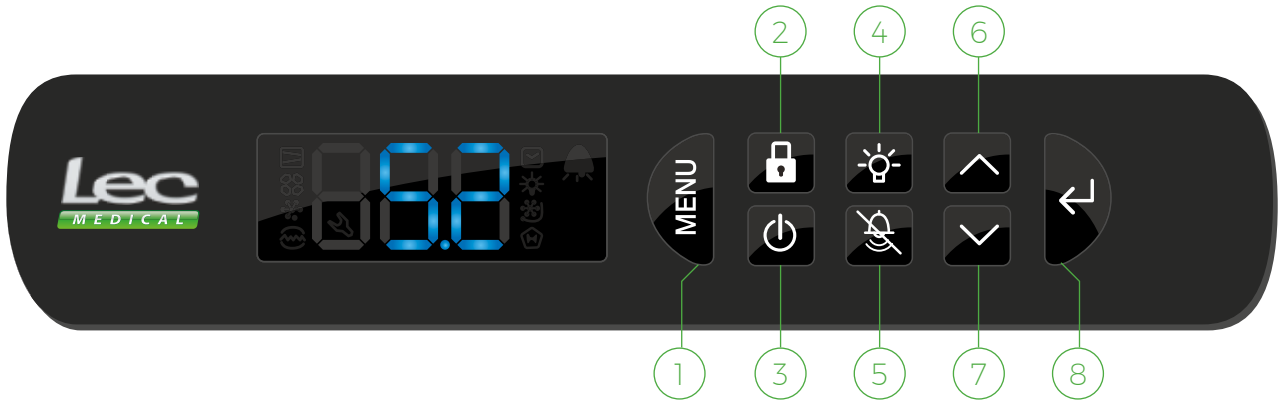
Our unrivalled reputation speaks for itself; we have temperature in control



WHY CHOOSE LEC MEDICAL?

All of our spec details are available to download from our website

Advanced Controller

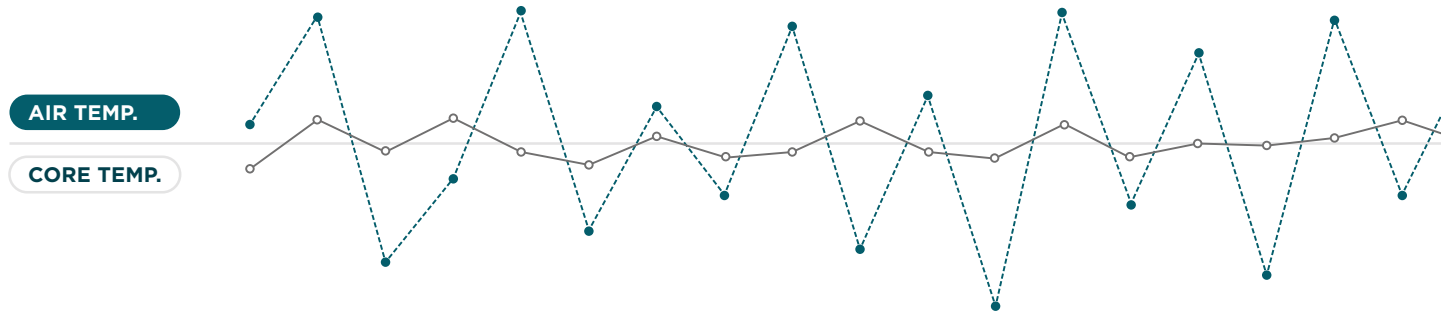


Our advanced controller with improved features makes it simple to monitor the minimum and maximum temperatures daily.

Our new touch screen controller explained

Reference	Description	Action/Feature
1	Menu	· Pressed for 1 second to access menu functions
2	Lock Keypad	· Pressed for 3 seconds locks all of the buttons on the controller · Pressed for 3 seconds unlocks all of the buttons on the controller
3	Power	· Pressed for 5 seconds switches the controller on/off · Small LED remains on to signify that power is still present
4	Light	· Pressed for 1 second activates light. The light will then remain on for 180 seconds (3 minutes). If pressed again for 1 second, the light will switch off · Pressed for 3 seconds, the light will remain on until it is switched off. To switch off, press for 1 second
5	Mute	· Pressed for 3 seconds mutes the alarm. The display will remain in alarm state until normal conditions are resumed
6	MAX/Up	· For viewing min/max temperatures refer to user manual for instructions
7	MIN/Down	· For viewing min/max temperatures refer to user manual for instructions
8	Set/Enter	· Used for confirmation when a menu is accessed

Min/Max Temperature



Air temperature fluctuates when opening the door and although it recovers rapidly, this can make logging your minimum and maximum temperatures misleading.



All of our °Control models have two probes measuring...

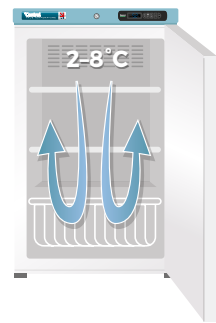
- ✓ Air temperature
- ✓ Core temperature

The additional probe measuring core temperature actually mimics a vaccine vial giving you the precise temperature of your vaccines, safeguarding against loss through a robust cold storage system which triggers alarms and notifications when the temperature deviates from the set parameters.

Look out for the °Control logo for models that have this feature.

Warning alarms

Our built in alarms sound when the air goes out of temperature, giving you time to address the problem before the core temperature deviates.



Importance of airflow

Know your pharmacy refrigeration system

The internal fan at the top of the fridge circulates the air within the unit and should never be covered. The bottom of the refrigerator will typically be cooler than the top of the refrigerator, but always within the range of 2°C to 8°C. Wire shelving and baskets are included to allow air to circulate freely.

Do not overstock your refrigerator

MHRA recommends that you stock the fridge no more than 75% capacity to achieve optimum performance. Leave gaps between your product wherever possible to ensure proper circulation.

Temperature Management

The National Pharmacy Association (NPA) offers the following guidance to ensure you are utilising your Pharmacy refrigerator in the best way:

- ✓ Do not open the door for prolonged periods
- ✓ Always ensure the door is closed firmly after use
- ✓ Do not overstock the fridge as this will affect the internal airflow
- ✓ Clean the refrigerator regularly
- ✓ Always ensure your fridge has space around it for cooling airflow to prevent the refrigerant system working harder than it needs to



To help monitor your pharmacy units as effectively as possible we suggest the following:

Position your refrigerator correctly

Ensure the appliance is placed in a dry, well ventilated site, away from direct sunlight and heat sources such as radiators. The appliance must be placed on a level surface. If necessary, adjust the feet on the product so the appliance remains level during operation. Leave the appliance for at least 24 hours to allow the refrigerant to settle.

Know your refrigeration system

The internal fan at the top of the fridge circulates the air within the unit and should never be covered. The bottom of the refrigerator will typically be cooler than the top of the refrigerator, but always within the range of 2°C to 8°C. Wire shelving and baskets are included to allow air to circulate freely.

Do not overstock your refrigerator

MHRA recommends that you stock the fridge no more than 75% capacity to achieve optimum performance. Leave gaps between your product wherever possible to ensure proper circulation.

Stock correctly for optimum circulation

Do not stack above the fan; this will block the airflow around the unit. Never allow product to be in contact with the back or sides of the unit; this could result in freezing. Ensure proper shelving is used to stock product and never store anything non pharmacy related.

Log temperature prior to restocking

To keep an accurate temperature, ensure you log it prior to restocking the fridge. Then reset the minimum and maximum temperatures after restocking the unit.

Green Book

"At least one max/min thermometer that is independent of mains power should be used (as well as the integrated thermometer), so temperatures can be measured in the event of electricity loss."

See page 54 for our range of secondary monitoring equipment.

ATEX

A specialist in Medical Refrigeration, Lec Medical has developed an ATEX approved, spark free medical refrigeration, freezer and fridge-freezer range.

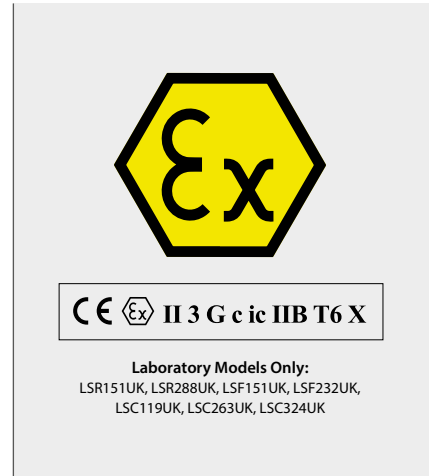
These models include:

- ✓ Zone 2, category 3 ATEX approval
- ✓ Advanced precision controller, accurate to 0.1°C
- ✓ Fitted lock for added security
- ✓ Antimicrobial handle as standard
- ✓ Spark free
- ✓ Optional plug types
- ✓ Flexible storage
- ✓ Energy efficient R600a refrigerant, reducing running costs

In accordance with directive 2014/34/EU with reference to EN13463-1:2009, EN13463-5:2011 and EN1127, also with reference to specific requirements to EN60079-0 and EN60079-11.

Internal refrigeration chamber classified as Zone 2, category 3 when the door is closed. The external parts of the refrigerator classed as safe area and as such do not need to comply with the requirements of the Directive.

See page 36 for the ATEX approved range.



All of our spec details are available to download from our website



Pharmacy Range

Guidelines are getting stricter...

“Vaccines cost the NHS around £200 million a year. The loss of only one dose of Pediacel vaccine a month in each general practice would cost an estimated £4 million a year.”*

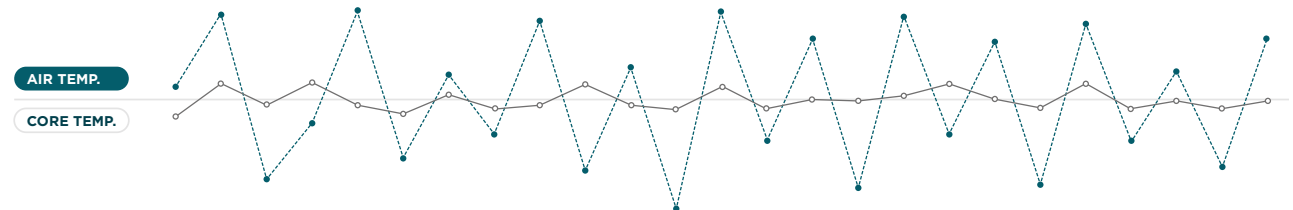
Various factors affect air temperature fluctuations:

- ✓ Refrigeration cycle
- ✓ Air circulation patterns
- ✓ Door opening
- ✓ Environmental conditions
- ✓ Defrost cycle

To meet the demands of the market, we have developed a range that provides an even greater accuracy when measuring temperature. Our new system always measures true vaccine temperature, rather than just the air temperature of the unit, safeguarding your vaccines at all times. See the full °Control range on page 10.

Probe

Less thermal mass is more susceptible to temperature fluctuations and therefore less representative of vaccine temperatures. The °Control range comes with both an air temperature probe and a probe placed in solution representative to your vaccines.



*Public Health England

Product Overview

Measure what matters

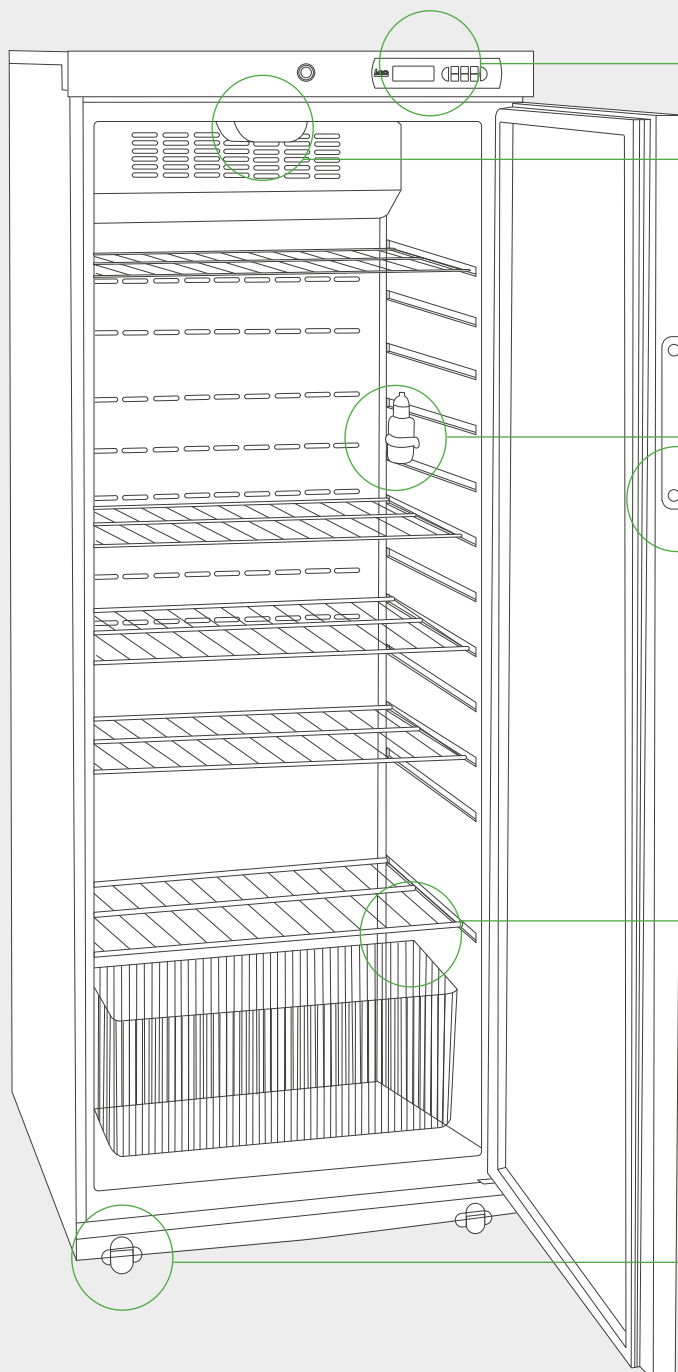
A true measurement system, which:

- ✓ Represents your vaccine vial
- ✓ Provides you with the true temperature of your vaccines
- ✓ Will ensure you always measure what matters
- ✓ Has a built-in warning system for safeguarding vaccines
- ✓ Now has a 5 year warranty as standard (UK only)



*Control models only

Pharmacy Refrigerator Class Door 273L (PSRC273UK - solid door, PGR273UK)



+ Advanced Controller

Manage the internal temperature and monitor min/max settings at the touch of a button

+ Internal Light

Turn on and off from the external controller pad selected models

+ Vaccine Probe

°Control range models come with a secondary probe measuring vaccine temperature, giving you the true temperature of your vaccines

+ Antimicrobial Handle

Helps prevent the growth of bacteria and minimise the potential for cross contamination

+ Wire Shelves and Basket

Enable optimal airflow inside the unit. Shelf positions can be varied for maximum storage capacity

+ Fitted Rollers

For easy moving and cleaning

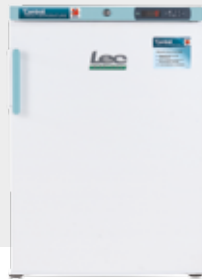
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Pharmacy Range



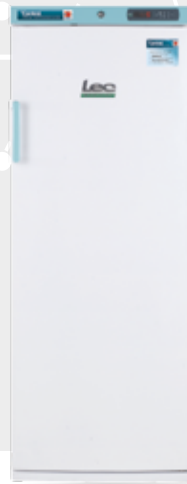
Dual Probe Temperature Measurement

Specification



Product	Under-counter Pharmacy Refrigerator Solid Door 151L	Under-counter Pharmacy Refrigerator Glass Door 151L
GDPA code	PSRC151UK	PGRC151UK
SKU code	UK 444443767, EU 444443768	UK 444443770, EU 444443771
External dimensions	595mm W x 845mm H x 600mm D	595mm W x 845mm H x 600mm D
Internal dimensions	500mm W x 705mm H x 405mm D	500mm W x 705mm H x 450mm D
Packed dimensions	657mm W x 872mm H x 694mm D	657mm W x 872mm H x 694mm D
Product weight	37kg	42kg
Packed weight	41kg	46kg
Gross capacity	151L	151L
Net capacity	141L	141L
External finish	Painted steel	Painted aluminium
Colour	White/green	white/green/glass
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Glass
Door finish	Painted steel/solid	Painted aluminium/glass
Door style	Hinged reversible	Hinged right hand only, non-reversible
Door open depth	1165mm	1165mm
Replacement door seal	N	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	3	3
Shelf material	Wire	Wire
Number of shelf positions	6	6
Shelf size	400mm W x 6mm H x 520mm D	400mm W x 6mm H x 520mm D
Interior light	N	Y
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	45mm	45mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	41	42
Energy consumption	1.1 kW/24h	1.24 kW/24h
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	Y	Y
Stacking kit compatible	Y	Y

*High Impact Polystyrene



Product	Freestanding Pharmacy Refrigerator Solid Door 273L	Freestanding Pharmacy Refrigerator Glass Door 273L
GDPA code	PSRC273UK	PSRC273UK
SKU code	UK 444443775, EU 444443776	UK 444443778, EU 444443779
External dimensions	595mm W x 1565mm H x 625mm D	595mm W x 1565mm H x 625mm D
Internal dimensions	480mm W x 1382mm H x 445mm D	480mm W x 1382mm H x 445mm D
Packed dimensions	650mm W x 1585mm H x 727mm D	650mm W x 1585mm H x 727mm D
Product weight	60kg	68.5kg
Packed weight	65kg	73.5kg
Gross capacity	273L	273L
Net capacity	269L	269L
External finish	Painted steel	Painted aluminium/glass
Colour	White/green	White/green/glass
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Painted steel/solid	Painted aluminium/glass
Door finish	Painted steel/solid	Painted aluminium/glass
Door style	Hinged, reversible	Hinged right hand only, non-reversible
Door open depth	1185mm	1180mm
Replacement door seal	N	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	5	5
Shelf material	Wire	Wire
Number of shelf positions	12	12
Shelf size	4x 385mm W x 6mm H x 500mm D, 1x 340mm W x 6mm H, 497mm D	4x 385mm W x 6mm H x 500mm D, 1x 340mm W x 6mm H, 497mm D
Interior light	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	60mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	41	42
Energy consumption	0.93 kW/24h	1.08 kW/24h
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	Y	Y
Stacking kit compatible	N	N

All of our spec details are available to download from our website

Pharmacy Range



Dual Probe Temperature Measurement

Specification



Product	Freestanding Pharmacy Refrigerator Solid Door 353L	Freestanding Pharmacy Refrigerator Glass Door 353L
GDPA code	PSRC353UK	PGRC353UK
SKU code	UK 444443783, EU 444443784	UK 444443786, EU 444443787
External dimensions	595mm W x 1860mm H x 640mm D	595mm W x 1860mm H x 640mm D
Internal dimensions	480mm W x 1682mm H x 445mm D	480mm W x 1682mm H x 445mm D
Packed dimensions	650mm W x 1885mm H x 727mm D	650mm W x 1885mm H x 727mm D
Product weight	69kg	79kg
Packed weight	75kg	85kg
Gross capacity	353L	353L
Net capacity	349L	349L
External finish	Painted steel	Painted aluminium
Colour	White/green	White/green/glass
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Painted aluminium/glass
Door finish	Painted steel	Painted aluminium/glass
Door style	Hinged, reversible	Hinged right hand only, non-reversible
Door open depth	1185mm	1180mm
Replacement door seal	N	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	6	6
Shelf material	Wire	Wire
Number of shelf positions	14	14
Shelf size	385mm W x 6mm H x 500mm D	385mm W x 6mm H x 500mm D
Interior light	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	60mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	42dB	43dB
Energy consumption	0.99 kW/24h	1.39 kW/24h
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	Y	Y
Stacking kit compatible	N	N

*High Impact Polystyrene

Pharmacy Range

Single Probe Temperature Measurement

Specification



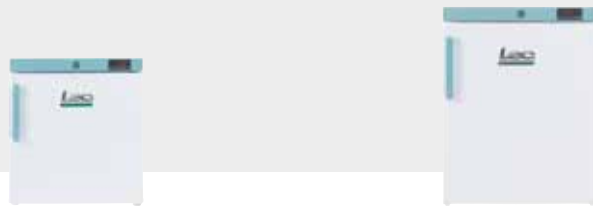
Product	Countertop Pharmacy Refrigerator Solid Door 41L	Countertop Pharmacy Refrigerator Glass Door 41L
GDPA code	PE102C	PG102C
SKU code	UK 444441789, EU 444442329	UK 444441791, EU 444442331
External dimensions	379mm W x 702mm H x 500mm D	379mm W x 702mm H x 500mm D
Internal dimensions	245mm W x 400mm H x 310mm D	245mm W x 400mm H x 310mm D
Packed dimensions	450mm W x 740mm H x 560mm D	450mm W x 740mm H x 560mm D
Product weight	23.5kg	25.5kg
Packed weight	25.5kg	27.5kg
Gross capacity	41L	41L
Net capacity	35L	35L
External finish	Painted steel	Painted steel
Colour	White/green	White/green/glass
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Glass
Door finish	Painted steel	Painted steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Door open depth	810mm	810mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	N	N
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	2
Shelf material	Wire	Wire
Number of shelf positions	5	5
Shelf size	270mm W x 6mm H x 308mm D	270mm W x 6mm H x 308mm D
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R134a	R134a
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	40mm	40mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<45dB	<45dB
Energy consumption	1.56 kW/24h	1.68 kW/24h
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	N	N
Stacking kit compatible	N	N

All of our spec details are available to download from our website

Pharmacy Range

Single Probe Temperature Measurement

Specification



Product	Countertop Pharmacy Refrigerator Solid Door 45L	Countertop Pharmacy Refrigerator Solid Door 82L
GDPA code	PE109C	PE207C
SKU code	UK 444441788, EU 444442327	UK 444441792, EU 444442333
External dimensions	470mm W x 530mm H x 465mm D	502mm W x 660mm H x 540mm D
Internal dimensions	410mm W x 400mm H x 270mm D	419mm W x 540mm H x 315mm D
Packed dimensions	554mm W x 565mm H x 586mm D	555mm W x 677mm H x 580mm D
Product weight	20kg	27.5kg
Packed weight	23kg	30.5kg
Gross capacity	45L	82L
Net capacity	37L	67L
External finish	Painted steel	Painted steel
Colour	White/green	White/green
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door finish	Painted steel	Painted steel
Door style	Hinged, reversible	Hinged, reversible
Door open depth	910mm	976mm
Replacement door seal	N	N
Open door sensor	N	Y
Lock	Y	Y
Adjustable feet	2 front	N
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	1	2
Shelf material	Wire	Wire
Number of shelf positions	1	2
Shelf size	402mm W x 6mm H x 200mm D	438mm W x 6mm H x 274mm D
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R600a	R134a
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	N	N
Insulation thickness	30mm	30mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<45dB	<43dB
Energy consumption	1.68 kW/24h	1.46 kW/24h
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	N	N
Stacking kit compatible	N	N

*High Impact Polystyrene



Product	Countertop Pharmacy Refrigerator Glass Door 82L	Under-counter Pharmacy Refrigerator Solid Door 107L
GDPA code	PG207C	PE307C
SKU code	UK 444441793, EU 444442335	UK 444441794, EU 444442337
External dimensions	502mm W x 660mm H x 540mm D	495mm W x 830mm H x 620mm D
Internal dimensions	419mm W x 540mm H x 320mm D	403mm W x 700mm H x 400mm D
Packed dimensions	555mm W x 677mm H x 580mm D	560mm W x 850mm H x 655mm D
Product weight	30kg	31.5kg
Packed weight	33kg	35kg
Gross capacity	82L	107L
Net capacity	67L	103L
External finish	Painted steel	Painted steel
Colour	White/green	White/green
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Glass	Solid
Door finish	Painted steel	Painted steel
Door style	Hinged right hand only, non-reversible	Hinged, reversible
Door open depth	976mm	1050mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	N	1, adjustable on front
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	2
Shelf material	Wire	Wire
Number of shelf positions	2	4
Shelf size	438mm W x 6mm H x 274mm D	427mm W x 6mm H x 374mm D
Interior light	Y	N
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R134a	R134a
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	N	Y
Insulation thickness	30mm	35mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<43dB	·
Energy consumption	1.58 kW/24h	·
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	N	N
Stacking kit compatible	N	N

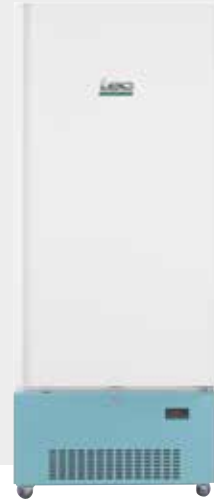
All of our spec details are available to download from our website

Pharmacy Range

Single Probe Temperature Measurement

Specification

OUR WARRANTY
2 YEARS PARTS
2 YEARS LABOUR



Product	Under-counter Pharmacy Refrigerator Glass Door 107L	Freestanding Pharmacy Refrigerator Solid Door 444L
GDPA code	PG307C	PE1607C
SKU code	UK 444441795, EU 444442339	UK 444441796, EU 444442341
External dimensions	495mm W x 830mm H x 620mm D	685mm W x 1688mm H x 910mm D
Internal dimensions	403mm W x 700mm H x 400mm D	590mm W x 1170mm H x 670mm D
Packed dimensions	560mm W x 850mm H x 655mm D	785mm W x 1865mm H x 995mm D
Product weight	36.5kg	96kg
Packed weight	40kg	117kg
Gross capacity	107L	444L
Net capacity	103L	393L
External finish	Painted steel	Painted steel
Colour	White/green	White/green
Internal finish	HIPS*	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Glass	Solid
Door finish	Painted steel	Painted steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Door open depth	1050mm	-
Replacement door seal	Y	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	1, adjustable on front	Castors
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	5
Shelf material	Wire	Wire
Number of shelf positions	4	30
Shelf size	427mm W x 6mm H x 374mm D	536mm W x 6mm H x 609mm D
Interior light	Y	N
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R134a	R134a
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
Ammonia free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	35mm	40mm
Insulation type	Cyclopentane	Cyclopentane
Door open alarm	Y	Y
Air temperature alarm	Y	Y
Antimicrobial handle	Y	Y
Optional drawer system available	Y	N
Stacking kit compatible	N	N

*High Impact Polystyrene



Freestanding Pharmacy Refrigerator Glass Door 444L

Product	
GDPA code	PG1607C
SKU code	UK 444441797, EU 444442343
External dimensions	685mm W x 1688mm H x 910mm D
Internal dimensions	590mm W x 1170mm H x 670mm D
Packed dimensions	785mm W x 1865mm H x 995mm D
Product weight	106kg
Packed weight	127kg
Gross capacity	444L
Net capacity	393L
External finish	Painted steel
Colour	White/green
Internal finish	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)
Door type	Glass
Door finish	Painted steel
Door style	Hinged right hand only, non-reversible
Door open depth	TBC
Replacement door seal	Y
Open door sensor	Y
Lock	Y
Adjustable feet	Castors
Temperature range	2°C to 8°C
Temperature display on panel	Y
Temperature alarm	Y
Number of shelves	5
Shelf material	Wire
Number of shelf positions	30
Shelf size	536mm W x 6mm H x 609mm D
Interior light	Y
Auto or manual defrost	Auto
Fan	Y
Controller type	Digital, external
Climate class	N
Refrigerant type	R134a
CFC free	Y
HFC free	N
HCFC free	Y
Ammonia free	Y
Optional plug types	Y
Voltage supply	230
Spark free	N
Auxiliary output	Y
Insulation thickness	40mm
Insulation type	Cyclopentane
Door open alarm	Y
Air temperature alarm	Y
Antimicrobial handle	Y
Optional drawer system available	N
Stacking kit compatible	N

All of our spec details are available to download from our website

Pharmacy Range

Advanced Range

Specification



Free temperature monitoring software included



Product	Freestanding Large Pharmacy Refrigerator Solid Door 600L	Freestanding Large Pharmacy Refrigerator Glass Door 600L
GDPA code	PSR600UK	PGR600UK
SKU code	UK 444440367, EU 444442593	UK 444440365, EU 444442591
External dimensions	690mm W x 1995mm H x 840mm D	690mm W x 1995mm H x 840mm D
Internal dimensions	560mm W x 1230mm H x 680mm D	560mm W x 1230mm H x 680mm D
Packed dimensions	840mm w x 2195mm H x 990mm D	840mm W x 2195mm H x 990mm D
Product weight	135kg	140kg
Packed weight	150kg	155kg
Gross capacity	600L	600L
External finish	Stainless steel	Stainless steel
Colour	White/green	White/green
Internal finish	Stainless steel	Stainless steel
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Glass
Door finish	Painted stainless steel	Painted stainless steel
Door style	Hinged	Hinged
Door open depth	1145mm	1145mm
Replacement door seal	N	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	Fitted castors	Fitted castors
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	5	5
Shelf material	Wire	Wire
Number of shelf positions	20	20
Shelf size	530mm W x 650mm D	530mm W x 650mm D
Interior light	N	Y
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	ST	ST
Refrigerant type	R134a	R134a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Ammonia free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	60mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Battery low alarm	Y (visual)	Y (visual)
Air/load/defrost sensor fail alarm	Y (visual)	Y (visual)
Compressor alarm	Y (visual)	Y (visual)
Door open alarm	Y (audio and visual)	Y (audio and visual)
Air temperature alarm	Y (audio and visual)	Y (audio and visual)
Mains failure alarm	Y (audio and visual)	Y (audio and visual)
Antimicrobial handle	N	N
Optional drawer system available	N	N



Product	Large Pharmacy Refrigerator Solid Door 1200L	Large Pharmacy Refrigerator Glass Door 1200L
GDPA code	PSR1200UK	PGR1200UK
SKU code	UK 444440368, EU 444442594	UK 444440366, EU 444442592
External dimensions	1330mm W x 1995mm H x 840mm D	1330mm W x 1995mm H x 840mm D
Internal dimensions	1220mm W x 1386mm H x 653mm D	-
Packed dimensions	1480mm W x 2195mm H x 990mm D	1480mm W x 2196mm H x 990mm D
Product weight	200kg	210kg
Packed weight	220kg	230kg
Gross capacity	1200L	1200L
External finish	Stainless steel	Stainless steel
Colour	White/green	White/green
Internal finish	Stainless steel	Stainless steel
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Glass
Door finish	Painted stainless steel	Painted stainless steel
Door style	Hinged	Hinged
Door open depth	1145mm	1145mm
Replacement door seal	N	Y
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	Fitted castors	Fitted castors
Temperature range	2°C to 8°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	10	10
Shelf material	Wire	Wire
Number of shelf positions	40	40
Shelf size	645mm W x 523mm D	645mm W x 523mm D
Interior light	N	Y
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	ST	ST
Refrigerant type	R134a	R134a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y.
Ammonia free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	Y	Y
Insulation thickness	60mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Battery low alarm	Y (visual)	Y (visual)
Air/load/defrost sensor fail alarm	Y (visual)	Y (visual)
Compressor alarm	Y (visual)	Y (visual)
Door open alarm	Y (audio and visual)	Y (audio and visual)
Air temperature alarm	Y (audio and visual)	Y (audio and visual)
Mains failure alarm	Y (audio and visual)	Y (audio and visual)
Antimicrobial handle	N	N
Optional drawer system available	N	N

All of our spec details are available to download from our website

Pharmacy Range

Accessories

Specification



Product	Portable Vaccine Cooler	Stacking Kit
GDPA code	-	ASK151
SKU code	444443288	444443318
External dimensions	500mm W x 320mm H x 450mm D	225mm W x 100mm H x 190mm D
Internal dimensions	360mm W x 230mm H x 210mm D	-
Product weight	-	2.5kg
Packed weight	-	3kg
Gross capacity	18L	-
Net capacity	13L	-
External finish	Plastic	-
Colour	Cream	-
Internal finish	Aluminium	-
Temperature range	2°C to 8°C	-
Temperature display on panel	Y	-
Temperature alarm	N	-
Number of gel packs	12	-



The Lec Medical stacking kit is suitable for the following units:

- ✓ PSR151
- ✓ PGR151
- ✓ LSR151 ATEX
- ✓ LSR151
- ✓ LSF151 ATEX
- ✓ LSF151
- ✓ WSR151

Pharmacy Range

Drugs Cabinets

Specification



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 210L	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 300L
GDPA code	CDC210L	CDC300
SKU code	444449863	444449860
External dimensions	210mm W x 300mm H x 270mm D	300mm W x 250mm H x 150mm D
Product weight	10kg	10kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	1	1



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 335L	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 500L
GDPA code	CDC335L	CDC500
SKU code	444449864	444449861
External dimensions	335mm W x 300mm H x 270mm D	500mm W x 600mm H x 330mm D
Product weight	10kg	53kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	1	2

Pharmacy Range

Drugs Cabinets

Specification



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 550L	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 560L
GDPA code	CDC550	CDC560
SKU code	444449866	444449856
External dimensions	500mm W x 550mm H x 300mm D	565mm W x 480mm H x 160mm D
Product weight	20kg	18kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	2	2



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 570L	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 750L
GDPA code	CDC570	CDC750
SKU code	444449857	444449862
External dimensions	570mm W x 520mm H x 200mm D	500mm W x 750mm H x 330mm D
Product weight	20kg	58kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	2	2



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 760L	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 1250L
GDPA code	CDC760	CDC1250
SKU code	444449858	444449859
External dimensions	760mm W x 865mm H x 305mm D	760mm W x 1730mm H x 305mm D
Product weight	53kg	106kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	3	6



Product	Wall Mounted, Ambient Steel Controlled Drugs Cabinet 850L	Floor Mounted, Ambient Steel Controlled Drugs Cabinet 350L
GDPA code	CDC450	CDC350
SKU code	444449865	444449867
External dimensions	450mm W x 860mm H x 335mm D	350mm W x 500mm H x 300mm D
Product weight	53kg	45kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	2	1

All of our spec details are available to download from our website

Pharmacy Range

Drugs Cabinets
Specification



Product	Floor Mounted, Ambient Steel Controlled Drugs Cabinet 450L	Floor Mounted, Ambient Steel Controlled Drugs Cabinet 470L
GDPA code	CDC450	CDC470
SKU code	444449868	444449869
External dimensions	450mm W x 860mm H x 335mm D	470mm W x 697mm H x 480mm D
Product weight	53kg	53kg
External finish	Powder coated steel	Powder coated steel
Colour	Steel	Steel
Internal finish	Powder coated steel	Powder coated steel
Door type	Solid	Solid
Door finish	Powder coated steel	Powder coated steel
Door style	Hinged right hand only, non-reversible	Hinged right hand only, non-reversible
Open door sensor	Optional	Optional
Lock	Y	Y
Temperature display on panel	N	N
Temperature alarm	N	N
Number of shelves	2	2





Measure what matters with our Pharmacy Refrigeration range



Bloodbank Range

Temperature in Control

Lec Medical's Bloodbank refrigerators have a host of important features developed in conjunction with bloodbank managers. Our range boasts an advanced controller, 'Heart' software interface, and is available in a variety of sizes with solid or glass door options. Due to our comprehensive alarms and safety backups, our Bloodbank range will give you complete confidence.

All Lec Medical Bloodbanks come with a **48 hour battery backup** for the controller, an **energy efficient LED light** and **auto-defrost** as standard, as well as a chart recorder, which has an independent battery backup. Our larger Bloodbank units use a dual refrigeration system, with twin independent, hermetically sealed compressors, which work by alternately switching operation between one another following each cooling cycle to ensure consistent and long-term performance and reliability of the unit.

Installation Service (IQ/OQ)

Our team of dedicated UK-wide service engineers can provide installation and operation qualifications (IQ/OQ) for all Lec Medical Bloodbanks. An IQ and OQ from Lec Medical will provide you with the following:

- ✓ Full installation
- ✓ Assistance in staff training on how to use the product correctly and to its full potential
- ✓ Guarantee that the unit is in sound condition and operating within the correct parameters
- ✓ Dedicated technical helpline and award-winning customer care centre
- ✓ UK-wide service engineer team
- ✓ IQ and OQ certificate to guarantee the product's performance at point of installation
- ✓ Temperature map upon installation

Key specifications at a glance

Lec Medical Bloodbanks have a comprehensive alarm system to alert you to a number of potential issues, including:

- ✓ Door open alarm
- ✓ High/low air and load temperature alarm (audible and visual)
- ✓ Mains failure alarm
- ✓ Low battery warning for the controller in the event of mains failure
- ✓ Compressor failure warning
- ✓ Internal probe failure alarm
- ✓ Fan fail alarm

The high/low air and load temperature alarms can even be automatically tested by using the built-in sensor test function for additional peace of mind, which results in no damage to internal probes from manual handling during testing, and won't affect any actual temperatures recorded on the 'Heart' software and chart recorder.

Product Overview

Lec Medical Bloodbanks have been designed in conjunction with bloodbank centres and we are proud of the many features they provide.

Each bloodbank is built to order in our UK factory and can be delivered directly to your department.

OUR WARRANTY
2 YEARS PARTS 2 YEARS LABOUR

MADE IN BRITAIN



+ Magnetic Key Fob and Digital Keypad

Magnetic key fob for quick access, and a digital keypad so that authorised personnel can access the bloodbank

+ Innovative Controller with LCD Display

Our controller fully meets guidelines set out by the MHRA. The LCD screen shows both the air and load temperatures and allows you to view important parameters such as internal temperature, alarm times and mute time

+ USB Slot Control Panel

A USB stick can be plugged into the control panel and temperature information downloaded as often as required, then put onto a computer and converted into a graph for you to view

+ Internal LED Light

The position of the internal light has been selected to ensure the light and any resulting heat emitted is directed away from the blood bags

+ Self Closing Door

+ Fully Removable, Vented Drawers

+ Easy Clean Interior

+ Lockable Roller Castors

+ 'Heart' Temperature Monitoring Software

The monitoring technology stored within the controller records the air and load temperatures constantly and holds a full 7 day alarm history. Once downloaded, the 'Heart' software shows if an alarm has been activated, why, and for how long, allowing you to see if anything has occurred in the bloodbank if you are away from it for long periods of time

Freestanding bloodbank solid door 360 bag (BBK360S)

All of our spec details are available to download from our website

Bloodbank Range

Specification



Product	Under-counter Bloodbank Solid Door 48 bag	Under-counter Bloodbank Glass Door 48 bag
GDPA code	BBK48SUC	BBK48CUC
SKU code	UK 444441460, EU 444442359	UK 444440881, EU 444442363
External dimensions	520mm W x 830mm H x 600mm D (645mm D inc handle)	520mm W x 830mm H x 600mm D (645mm D inc handle)
Internal dimensions	420mm W x 352mm H x 440mm D	420mm W x 352mm H x 440mm D
Packed dimensions	570mm W x 940mm H x 640mm D	570mm W x 940mm H x 640mm D
Product weight	70.5kg	72.5kg
Packed weight	77kg	79kg
Gross capacity	78L	78L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Castors (4, 2 lockable at front)	Castors (4, 2 lockable at front)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	2	2
Blood bag capacity 250ml bags	48	48
Blood bag capacity 450ml bags	30	30
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Tangential	Tangential
Controller type	Digital, external	Digital, external
Refrigerant type	R600a	R600a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +40°C Min: +10°C	Max: +38°C Min: +10°C



Product	Countertop Bloodbank Solid Door 48 bag	Countertop Bloodbank Glass Door 48 bag
GDPA code	BBK48SCT	BBK48GCT
SKU code	UK 444441459, EU 444442357	UK 444440360, EU 444442365
External dimensions	522mm W x 780mm H x 600mm D (645mm D inc handle)	522mm W x 780mm H x 600mm D (645mm D inc handle)
Internal dimensions	420mm W x 352mm H x 440mm D	420mm W x 352mm H x 440mm D
Packed dimensions	570mm W x 940mm H x 640mm D	570mm W x 940mm H x 640mm D
Product weight	70.5kg	72.5kg
Packed weight	77kg	79kg
Gross capacity	78L	78L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Y (4)	Y (4)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	2	2
Blood bag capacity 250ml bags	48	48
Blood bag capacity 450ml bags	30	30
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Tangential	Tangential
Controller type	Digital, external	Digital, external
Refrigerant type	R600a	R600a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +40°C Min: +10°C	Max: +38°C Min: +10°C

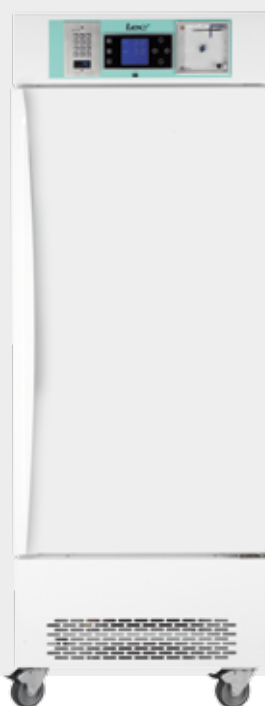
All of our spec details are available to download from our website

Bloodbank Range

Specification



Product	Freestanding Bloodbank Solid Door 72 bag	Freestanding Bloodbank Glass Door 72 bag
GDPA code	BBK72S	BBK72G
SKU code	UK 444441461, EU 444442361	UK 444440361, EU 444442367
External dimensions	520mm W x 1200mm H x 605mm D (650mm D inc handle)	520mm W x 1200mm H x 605mm D (650mm D inc handle)
Internal dimensions	440mm W x 602mm H x 440mm D	440mm W x 602mm H x 440mm D
Packed dimensions	570mm W x 1340mm H x 640mm D	570mm W x 1340mm H x 640mm D
Product weight	90kg	93kg
Packed weight	97kg	100kg
Gross capacity	110L	110L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Castors (4, 2 lockable at front)	Castors (4, 2 lockable at front)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	3	3
Blood bag capacity 250ml bags	72	72
Blood bag capacity 450ml bags	45	45
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Tangential	Tangential
Controller type	Digital, external	Digital, external
Refrigerant type	R600a	R600a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +43°C Min: +10°C	Max: +43°C Min: +10°C



Product	Freestanding Bloodbank Solid Door 360 bag	Freestanding Bloodbank Glass Door 360 bag
GDPA code	BBK360S	BBK360G
SKU code	UK 444440882, EU 444442375	UK 444440362, EU 444442369
External dimensions	680mm W x 1935mm H x 865mm D (910mm D inc handle)	680mm W x 1935mm H x 865mm D (910mm D inc handle)
Internal dimensions	550mm W x 1000mm H x 640mm D	550mm W x 1000mm H x 640mm D
Packed dimensions	740mm W x 2150mm H x 875mm D	740mm W x 2150mm H x 875mm D
Product weight	210kg	216kg
Packed weight	222kg	228kg
Gross capacity	350L	350L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Y (4, 2 lockable at front)	Y (4, 2 lockable at front)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	5	5
Blood bag capacity 250ml bags	360	360
Blood bag capacity 450ml bags	180	180
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Axial	Axial
Controller type	Digital, external	Digital, external
Refrigerant type	R600a	R600a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +43°C Min: +10°C	Max: +43°C Min: +10°C

All of our spec details are available to download from our website

Bloodbank Range

Specification



Product	Freestanding Bloodbank Solid Door 432 bag	Freestanding Bloodbank Glass Door 432 bag
GDPA code	BBK432S	BBK432G
SKU code	UK 444440883, EU 444442377	UK 444440363, EU 444442371
External dimensions	680mm W x 1980mm H x 850mm D	680mm W x 1980mm H x 850mm D
Internal dimensions	560mm W x 1225mm H x 640mm D	560mm W x 1225mm H x 640mm D
Packed dimensions	-	-
Product weight	250kg	259kg
Packed weight	270kg	279kg
Gross capacity	439L	439L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Castors (4, 2 lockable at front)	Castors (4, 2 lockable at front)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	6	6
Blood bag capacity 250ml bags	432	432
Blood bag capacity 450ml bags	216	216
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Axial	Axial
Controller type	Digital, external	Digital, external
Refrigerant type	R134a	R134a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +43°C Min: +10°C	Max: +43°C Min: +10°C



Product	Freestanding Bloodbank Solid Door 864 bag	Freestanding Bloodbank Glass Door 864 bag
GDPA code	BBK864S	BBK864C
SKU code	UK 444440884, EU 444442379	UK 444440364, EU 444442373
External dimensions	1340mm W x 1980mm H x 850mm D	1340mm W x 1980mm H x 850mm D
Internal dimensions	1225mm W x 1225mm H x 640mm D	1225mm W x 1225mm H x 640mm D
Packed dimensions	-	-
Product weight	370kg	388kg
Packed weight	400kg	418kg
Gross capacity	960L	960L
Colour	White/green	White/green
Door type	Solid	Glass
Door style	Hinged	Hinged
Door construction	Zintec steel	Double glazed
Self-closing door	Y	Y
Open door sensor	Y	Y
Lock	Digital (2 key fobs)	Digital (2 key fobs)
Adjustable feet	Castors (4, 2 lockable at front)	Castors (4, 2 lockable at front)
Temperature range	2°C to 6°C	2°C to 6°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of drawers	12	12
Blood bag capacity 250ml bags	864	864
Blood bag capacity 450ml bags	432	432
Interior light (LED)	Y	Y
Auto or manual defrost	Auto	Auto
Fan	Axial	Axial
Controller type	Digital, external	Digital, external
Refrigerant type	R134a	R134a
Plug options	UK and EU	UK and EU
Voltage supply	220-240, 50/60Hz	220-240, 50/60Hz
Air temperature alarm	Y	Y
Mains fail alarm	Y	Y
Door open alarm	Y	Y
Compressor battery backup alarm	Y	Y
Air/load/defrost sensor fail alarm	Y	Y
Backup battery alarm (visible)	Y	Y
Remote alarm contacts	Y	Y
Fan fail alarm	Y	Y
Controller battery backup	Y	Y
USB	Y	Y
Chart recorder	Y	Y
Ambient working temperature	Max: +43°C Min: +10°C	Max: +43°C Min: +10°C

All of our spec details are available to download from our website



Laboratory Range

We have developed our range with reliability and ease of use in mind.

All of our Laboratory fridges operate at a temperature of 2°C to 10°C and our freezers operate at -18°C and below. We have also added a number of improvements to certain popular models to ensure we are offering you the best possible secure and reliable refrigerated storage. Many of our models are also available with an alternative fitted European plug.



Lec Medical suggests the following advice to ensure you are getting the most from your Laboratory fridge or freezer:

- ✓ Do not open the door for prolonged periods
- ✓ Always ensure the door is closed firmly after use
- ✓ Do not overstock the unit as this can affect the internal airflow
- ✓ Clean the unit regularly, ensure freezers are defrosted according to the recommendations provided
- ✓ Always ensure your fridge or freezer has space around it for cooling airflow to prevent the refrigerant system working harder than it needs to

Product Overview

Space Efficient

Under-counter storage offers laboratories a simple way of refrigerating vital products, in a space-effective way. At only 845mm high, our LSF151 fits neatly under most work benches and has fitted rear rollers to assist in moving the unit when access is required for cleaning behind it.

Space Effective

Our LSF151 has a large internal storage capacity of 151 litres. **ALL** Lec Medical Laboratory fridges and freezers are spark free, and our specially designed wire shelves and door furniture allow cold air to circulate easily within the cabinet.



+ ATEX Approved

Most Laboratory models are now ATEX approved. The internal refrigeration chamber is classed as zone 2, category 3 when the door is closed. The external parts of the refrigerator are classed as safe areas and as such do not need to comply with the requirements of the Directive. Look out for the ATEX symbol ⚠️

+ Optional Plug Types

Many of our models are available with a variety of plug types depending on your country. Please contact us for details

+ Ready to Use

Lec Medical fridges are supplied with a preset temperature of 2°C to 10°C and freezers -18°C and below, meaning they are ready for use 24 hours after plugging in

+ New Advanced Controller

Our latest integral controller enables the user to select minimum and maximum temperatures, and manage the warning alarm system at the press of a button

+ Antimicrobial Handle

+ Lock Fitted as Standard

+ Energy Efficient Refrigerant

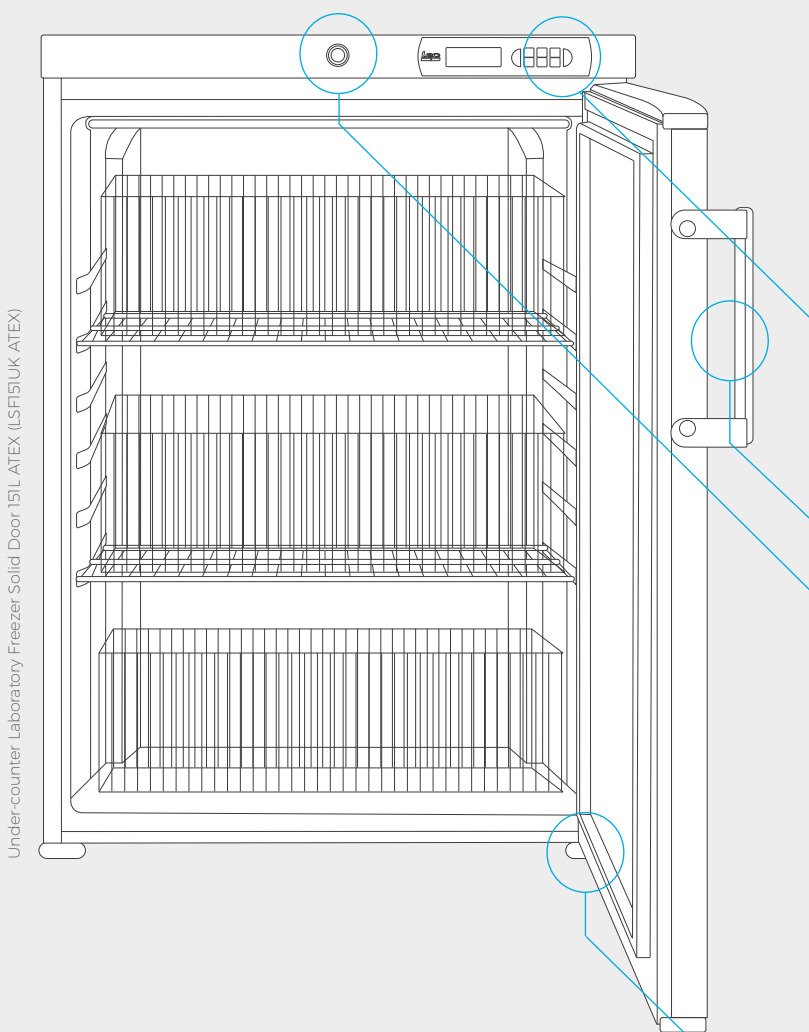
Many models in our new range use R600a refrigerant, which is kinder to the environment as well as being an efficient cooling system, meaning the running costs of the fridge are kept as low as possible

+ Auto-defrost Feature

+ Storage Flexibility

Shelf heights can be varied in all our refrigerators to ensure you are able to maximise the storage potential of your unit

+ Fitted Rollers



Under-counter Laboratory Freezer Solid Door 151L ATEX (LSF151UK ATEX)

All of our spec details are available to download from our website

Laboratory Range

ATEX Range

Specification



Product	Under-counter Laboratory Refrigerator Solid Door 151L	Freestanding Laboratory Refrigerator Solid Door 288L
GDPA code	LSR151UK ATEX	LSR288UK
SKU code	UK 444440964, EU 444442770	UK 444440966, EU 444440967
External dimensions	595mm W x 845mm H x 595mm D	595mm W x 1570mm H x 634mm D
Internal dimensions	500mm W x 705mm H x 450mm D (step 185mm H x 165mm D)	480mm W x 1382mm H x 445mm D (step 255mm H x 175mm D)
Packed dimensions	657mm W x 884mm H x 694mm D	657mm W x 1585mm H x 734mm D
Product weight	36kg	58kg
Packed weight	40kg	63kg
Gross capacity	151L	288L
Net capacity	146L	284L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	1165mm	1185mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 10°C	2°C to 10°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	3	5
Basket material	Wire	Wire
Number of shelf positions	6	12
Shelf size	320mm W x 6mm H x 520mm	540mm W x 6mm H x 497mm D
Moulded drawer	-	1 solid
Adjustable door bins	2 wire	4 solid
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	N	N
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Air temperature alarm	Y	Y
Door open alarm	Y	Y
Stacking kit compatible	Y	N



Product

	 Under-counter Laboratory Freezer Solid Door 151L	 Freestanding Laboratory Freezer Solid Door 232L
GDPA code	LSF151UK ATEX	LSF232UK ATEX
SKU code	UK 444442773, EU 444442774	UK 444442775, EU 444442776
External dimensions	595mm W x 845mm H x 595mm D	595mm W x 1570mm H x 634mm D
Internal dimensions	500mm W x 705mm H x 450mm D (step 185mm H x 165mm D)	480mm W x 1382mm H x 445mm D (step 175mm D x 255mm H)
Packed dimensions	657mm W x 872mm H x 694mm D	657mm W x 1585mm H x 734mm D
Product weight	36kg	60kg
Packed weight	40kg	65kg
Gross capacity	151L	232L
Net capacity	151L	212L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	1165mm	1185mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	-18°C to -25°C	-18°C to -25°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	3	4 baskets
Basket material	Wire	Wire
Number of shelf positions	Fixed	Fixed
Shelf size	.	.
Moulded drawer	.	4 solid
Adjustable door bins	.	.
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	Y	Y
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Air temperature alarm	Y	Y
Door open alarm	Y	Y
Stacking kit compatible	Y	N

All of our spec details are available to download from our website

Laboratory Range

ATEX Range

Specification



Product	Under-counter Laboratory Fridge-Freezer Solid Door 119L	Freestanding Laboratory Fridge-Freezer Solid Door 263L
GDPA code	LSC119UK ATEX	LSF263UK ATEX
SKU code	UK 444442777, EU 444442778	UK 444442779, EU 444442780
External dimensions	540mm W x 860mm H x 600mm D	540mm W x 1680mm H x 600mm D
Internal dimensions	Fridge 450mm W x 525mm H x 450mm D (step 225mm H x 155mm D), Freezer 400mm W x 120mm H x 295mm D	Fridge 457mm W x 725mm H x 450mm D (step 220mm H x 170mm D), Freezer 408mm W x 670mm H x 415mm D
Packed dimensions	602mm W x 877mm H x 639mm D	597mm x 1700mm H x 684mm D
Product weight	34kg	58kg
Packed weight	36kg	64kg
Gross capacity	119L (fridge 106L, freezer 13L)	263L (fridge 159L, freezer 104L)
Net capacity	117L (fridge 105L, freezer 12L)	245L (fridge 157L, freezer 88L)
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	1090mm	1110mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	Fridge 2°C to 10°C, freezer -18°C to -25°C	Fridge 2°C to 10°C, freezer -18°C to -25°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	3
Basket material	Wire	Wire
Number of shelf positions	4	6
Shelf size	1x 308mm W x 4.5mm H x 448mm D, 1x 200mm W x 4.5mm H x 448mm D	308mm W x 4.5mm H x 448mm D
Moulded drawer	1 solid	2 half solid
Adjustable door bins	2 full, 2 half solid	2 full, 2 half solid
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	SN	N
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	Y	Y
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Air temperature alarm	Y	Y
Door open alarm	Y	Y
Stacking kit compatible	N	N



Freestanding Laboratory Fridge-Freezer Solid Door 324L

Product	
GDPA code	LSC324UK ATEX
SKU code	UK 444442790, EU 4444427981
External dimensions	660mm W x 1870mm H x 600mm D
Internal dimensions	Fridge 510mm W x 805mm H x 430mm D (step 260mm H x 250mm D), Freezer 463mm W x 780mm H x 445mm D
Packed dimensions	657mm W x 1885mm H x 734mm D
Product weight	70kg
Packed weight	78kg
Gross capacity	324L (fridge 190L, freezer 134L)
Net capacity	302L
External finish	White
Colour	White/green
Internal finish	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)
Door type	Solid
Door style	Hinged, reversible
Door open depth	1190mm
Replacement door seal	N
Open door sensor	Y
Lock	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers
Temperature range	Fridge 2°C to 10°C, freezer -18°C to -25°C
Temperature display on panel	Y
Temperature alarm	Y
Number of shelves	3
Shelf/basket material	Wire
Number of shelf positions	6
Shelf size	320mm W x 6mm H x 505mm D
Moulded drawer	2 half solid
Adjustable door bins	2 full, 4 half solid
Interior light	N
Auto or manual defrost	Manual
Fan	N
Controller type	Digital, external
Climate class	N
Refrigerant type	R600a
CFC free	Y
HFC free	Y
HCFC free	Y
Optional plug types	Y
Voltage supply	230
Spark free	Y
Auxiliary output	Y
Insulation thickness	60mm
Insulation type	Cyclopentane
Air temperature alarm	Y
Door open alarm	Y
Stacking kit compatible	N

All of our spec details are available to download from our website

Laboratory Range

Refrigerator Range

Specification



Product	Countertop Laboratory Refrigerator Solid Door 82L	Under-counter Laboratory Refrigerator Solid Door 107L
GDPA code	LR207C	LR307C
SKU code	UK 444441799, EU 444442345, AU 444442346	UK 444441800, EU 444442347, AU 444442348
External dimensions	502mm W x 660mm H x 540mm D	495mm W x 830mm H x 620mm D
Internal dimensions	415mm W x 540mm H x 340mm D	403mm W x 540mm H x 400mm D
Packed dimensions	520mm W x 675mm H x 595mm D	560mm W x 850mm H x 655mm D
Product weight	27.5kg	31.5kg
Packed weight	30.5kg	35kg
Gross capacity	82L	107L
Net capacity	67L	103L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	976mm	1050mm
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	Y
Adjustable feet	N	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 10°C	2°C to 10°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	2
Shelf/basket material	Wire	Wire
Number of shelf positions	2	4
Shelf size	438mm W x 6mm H x 274mm D	427mm W x 6mm H x 374mm D
Moulded drawer	.	.
Adjustable door bins	.	.
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R134a	R134a
Ammonia free	.	.
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	N	N
Insulation thickness	30mm	35mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<43dB	<43dB
Energy consumption	0.77 kW/24h	0.86 kW/24h
Air temperature alarm	Y	Y
Stacking kit compatible	N	N



Product	Under-counter Laboratory Refrigerator Solid Door 151L	Freestanding Laboratory Refrigerator Solid Door 288L
GDPA code	LSR151UK	LSR288UK
SKU code	UK 444440964, EU 444440965	UK 444440966, EU 444440967
External dimensions	595mm W x 845mm H x 595mm D	595mm W x 1570mm H x 634mm D
Internal dimensions	500mm W x 705mm H x 450mm D (step 185mm H x 165mm D)	480mm W x 1382mm H x 445mm D (step 255mm H x 175mm D)
Packed dimensions	657mm W x 884mm H x 694mm D	657mm W x 1585mm H x 734mm D
Product weight	36kg	58kg
Packed weight	40kg	63kg
Gross capacity	151L	288L
Net capacity	146L	284L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	.	1185mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	2°C to 10°C	2°C to 10°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	3	5
Shelf/basket material	Wire	Wire
Number of shelf positions	6	12
Shelf size	320mm W x 6mm H x 520mm D	540mm W x 6mm H x 497mm D
Moulded drawer	.	1 solid
Adjustable door bins	.	4 solid
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
Ammonia free	.	.
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	N	N
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	.	.
Energy consumption	.	.
Air temperature alarm	Y	Y
Stacking kit compatible	Y	N

All of our spec details are available to download from our website

Laboratory Range

Refrigerator Range

Specification



Product	Freestanding Laboratory Refrigerator Solid Door 475L	Large Laboratory Refrigerator Solid Door 600L
GDPA code	LSR1607C	PSR600UK
SKU code	UK 444441801, EU 444442349, AU 444442350	444440367
External dimensions	695mm W x 1810mm H x 910mm D	690mm W x 1995mm H x 840mm D
Internal dimensions	550mm W x 1170mm H x 670mm D	560mm W x 1230mm H x 680mm D
Packed dimensions	770mm W x 1810mm H x 950mm D	-
Product weight	95kg	135kg
Packed weight	116kg	150kg
Gross capacity	475L	600L
Net capacity	441L	-
External finish	White	Painted stainless steel
Colour	White/green	White/green
Internal finish	Plastic	Stainless steel
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged right hand only, non-reversible	-
Door open depth	1596mm	1145mm
Replacement door seal	N	N
Open door sensor	N	Y
Lock	Y	Y
Adjustable feet	Castors	Castors
Temperature range	2°C to 10°C	2°C to 8°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	5	5
Shelf/basket material	Wire	Wire
Number of shelf positions	30	20
Shelf size	536mm W x 6mm H x 609mm D	530mm W x 650mm D
Moulded drawer	-	-
Adjustable door bins	-	-
Interior light	N	-
Auto or manual defrost	Auto	Auto
Fan	N	Y
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R134a	R134a
Ammonia free	-	Y
CFC free	Y	Y
HFC free	N	Y
HCFC free	Y	Y
Optional plug types	Y	Y
Voltage supply	230	230
Spark free	Y	N
Auxiliary output	N	Y
Insulation thickness	65mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	-	-
Energy consumption	-	-
Air temperature alarm	Y	Y (Audio and visual)
Mains failure alarm	-	Y (Audio and visual)
Load alarm delay (with no delay)	-	Y (Audio and visual)
Door open alarm	-	Y (Audio and visual)
Compression alarm	-	Y (Visual)
Air/load/defrost sensor fail alarm	-	Y (Visual)
Battery low alarm	-	Y (Visual)
Stacking kit compatible	N	N



Large Laboratory Refrigerator Solid Door 1200L

Product	
GDPA code	PSR1200UK
SKU code	444440368
External dimensions	1300mm W x 1995mm H x 840mm D
Internal dimensions	1200mm W x 1386mm H x 653mm D
Packed dimensions	.
Product weight	200kg
Packed weight	.
Gross capacity	1200L
Net capacity	.
External finish	Painted stainless steel
Colour	White/green
Internal finish	Stainless steel
Type of plastic	SRL800 (HIPS/ABS mix)
Door type	Solid
Door style	.
Door open depth	1145mm
Replacement door seal	N
Open door sensor	Y
Lock	Y
Adjustable feet	Castors
Temperature range	2°C to 8°C
Temperature display on panel	Y
Temperature alarm	Y
Number of shelves	10
Shelf/basket material	Wire
Number of shelf positions	40
Shelf size	645mm W x 523mm D
Moulded drawer	.
Adjustable door bins	.
Interior light	N
Auto or manual defrost	Auto
Fan	Y
Controller type	Digital, external
Climate class	ST
Refrigerant type	R134a
Ammonia free	Y
CFC free	Y
HFC free	Y
HCFC free	Y
Optional plug types	Y
Voltage supply	230
Spark free	N
Auxiliary output	Y
Insulation thickness	60mm
Insulation type	Cyclopentane
Noise level	.
Energy consumption	.
Air temperature alarm	Y (Audio and visual)
Mains failure alarm	Y (Audio and visual)
Load alarm delay (with no delay)	Y (Audio and visual)
Door open alarm	Y (Audio and visual)
Compression alarm	Y (Visual)
Air/load/defrost sensor fail alarm	Y (Visual)
Battery low alarm	Y (Visual)
Stacking kit compatible	N

All of our spec details are available to download from our website

Laboratory Range

Freezer Range

Specification



Product	Countertop Laboratory Freezer Solid Door 50L	Under-counter Laboratory Freezer Solid Door 102L
GDPA code	ISU27C	ISU37C
SKU code	UK 444441802, EU 444442351, AU 444442352	UK 444441803, EU 444442353, AU 444442354
External dimensions	500mm W x 562mm H x 510mm D	495mm W x 830mm H x 620mm D
Internal dimensions	345mm W x 365mm H x 330mm D	414mm W x 683mm H x 415mm D
Packed dimensions	520mm W x 590mm H x 595mm D	560mm W x 850mm H x 655mm D
Product weight	17kg	33kg
Packed weight	20kg	36.5kg
Gross capacity	50L	102L
Net capacity	38L	87L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	976mm	1050mm
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	Y
Adjustable feet	N	1 front
Temperature range	-18°C to -25°C	-18°C to -25°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	1	2
Shelf/basket material	Wire	Wire
Number of shelf positions	Fixed	Fixed
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R600a	R134a
CFC free	Y	Y
HFC free	N	N
HCFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	N	N
Insulation thickness	30mm	35mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<45dB	<43dB
Energy consumption	0.58 kW/24h	1.3 kW/24h
Air temperature alarm	Y	Y
Stacking kit compatible	N	N



Product	Under-counter Laboratory Freezer Solid Door 151L	Freestanding Laboratory Freezer Solid Door 232L
GDPA code	LSF151UK	LSF232UK
SKU code	UK 444440968, EU 444440969	UK 444440970, EU 444440971
External dimensions	595mm W x 845mm H x 595mm D	595mm W x 1570mm H x 634mm D
Internal dimensions	500mm W x 705mm H x 450mm D (step 185mm H x 165mm D)	432mm W x 1300mm H x 430mm D (step 255mm H x 190mm D)
Packed dimensions	657mm W x 872mm H x 694mm D	657mm W x 1585mm H x 734mm D
Product weight	36kg	60kg
Packed weight	40kg	65kg
Gross capacity	151L	232L
Net capacity	134L	212L
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	1165mm	1185mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	Y
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	-18°C to -25°C	-18°C to -25°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	3 baskets	4 drawers, 2 fixed flaps
Shelf/basket material	Wire	Wire
Number of shelf positions	Fixed	Fixed
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	SN	SN
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	Y	Y
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	.	.
Energy consumption	.	.
Air temperature alarm	Y	Y
Stacking kit compatible	Y	N

All of our spec details are available to download from our website

Laboratory Range

Fridge-Freezer Range/Accessories

Specification



Product	Under-counter Laboratory Fridge-Freezer 119L	Freestanding Laboratory Fridge-Freezer 263L
GDPA code	LSC119UK	LSC263UK
SKU code	UK 444440972, EU 444441955	UK 444440973, EU 444441956
External dimensions	540mm W x 860mm H x 600mm D	540mm W x 1680mm H x 600mm D
Internal dimensions	Fridge 450mm W x 525mm H x 450mm D (step 225mm H x 155D), Freezer 400mm W x 120mm H x 295mm D	Fridge 457mm W x 725mm H x 450mm D (step 220mm H x 170mm D), Freezer 408mm W x 670mm H x 415mm D
Packed dimensions	602mm W x 877mm H x 639mm D	597mm W x 1700mm H x 684mm D
Product weight	34kg	58kg
Packed weight	36kg	64kg
Gross capacity	119L (fridge 106L, freezer 13L)	263L (fridge 159L, freezer 104L)
Net capacity	117L (fridge 105L, freezer 12L)	245L (fridge 157L, freezer 88L)
External finish	White	White
Colour	White/green	White/green
Internal finish	Plastic	Plastic
Type of plastic	SRL800 (HIPS/ABS mix)	SRL800 (HIPS/ABS mix)
Door type	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible
Door open depth	1090mm	1110mm
Replacement door seal	N	N
Open door sensor	Y	Y
Lock	Y	2 fitted locks (1 on fridge, 1 on freezer)
Adjustable feet	2 adjustable front feet, 2 rear rollers	2 adjustable front feet, 2 rear rollers
Temperature range	Fridge 2°C to 10°C, freezer -18°C to -25°C	Fridge 2°C to 10°C, freezer -18°C to -25°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	3
Shelf/basket material	Wire	Wire
Number of shelf positions	4	6
Shelf size	1x 308mm W x 4.5mm H x 448mm D, 1x 200mm W x 4.5mm H x 448mm D	308mm W x 4.5mm H x 448mm D
Moulded drawer	1x solid	2x half solid (fridge)
Adjustable door bins	2x full, 2x half	2x full, 2x half
Interior light	N	N
Auto or manual defrost	Fridge auto, freezer manual	Fridge auto, freezer manual
Fan	N	N
Climate class	N	N
Refrigerant type	R600a	R600a
CFC free	Y	Y
HFC free	Y	Y
HCFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	Y	Y
Insulation thickness	45mm	60mm
Insulation type	Cyclopentane	Cyclopentane
Air temperature alarm	Y	Y
Stacking kit compatible	N	N



Product	Freestanding Laboratory Fridge-Freezer 324L	Stacking Kit
GDPA code	LSC324UK	ASK151
SKU code	UK 444441790, EU 444441957	444443318
External dimensions	600mm W x 1870mm H x 600mm D	.
Internal dimensions	Fridge 510mm W x 805mm H x 430mm D (step 260mm H x 250mm D), Freezer 463mm W x 780mm H x 445mm D	.
Packed dimensions	657mm W x 1885mm H x 734mm D	225mm W x 100mm H x 190mm
Product weight	70kg	2.5kg
Packed weight	78kg	3kg
Gross capacity	324L (fridge 190L, freezer 134L)	.
Net capacity	302L	.
External finish	White	.
Colour	White/green	.
Internal finish	Plastic	.
Type of plastic	SRL800 (HIPS/ABS mix)	.
Door type	Solid	.
Door style	Hinged, reversible	.
Door open depth	1190mm	.
Replacement door seal	N	.
Open door sensor	Y	.
Lock	Y	.
Adjustable feet	2 adjustable front feet, 2 rear rollers	.
Temperature range	Fridge 2°C to 10°C, freezer -18°C to -25°C	.
Temperature display on panel	Y	.
Temperature alarm	Y	.
Number of shelves	3 (fridge)	.
Shelf/basket material	Wire	.
Number of shelf positions	6	.
Shelf size	320mm W x 6mm H x 505mm D	.
Moulded drawer	2x half solid	.
Adjustable door bins	2x full, 4x half	.
Interior light	N	.
Auto or manual defrost	Fridge auto, freezer manual	.
Fan	N	.
Climate class	N	.
Refrigerant type	R600a	.
CFC free	Y	.
HFC free	Y	.
HCFC free	Y	.
UK 3 pin plug	Y	.
Voltage supply	230	.
Spark free	Y	.
Auxiliary output	Y	.
Insulation thickness	60mm	.
Insulation type	Cyclopentane	.
Air temperature alarm	Y	.
Stacking kit compatible	N	.

All of our spec details are available to download from our website



Low Temperature Units

Lec Medical low and ultra low temperature Laboratory freezers come in a choice of temperature ranges, which are designed for trustworthy and safe medium-term storage of chemicals and samples.

Both chest and upright styles are available, and all models are spark free to further ensure protection of both the contents and everyone around them.

+ Low Temperature Freezer -40°C

Vertical and chest freezers combine the robust structure of traditional insulation:

- E2003™ Electronic controller
- High temperature stability
- Low noise
- Easy to move
- User friendly

+ Low Temperature Freezer -45°C

The low temperature freezers can maintain temperatures as low as -45°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals. R404a refrigerant, cyclopentane insulation combined with recyclable materials make the freezers extremely eco-friendly.

- Single compressor low-energy system
- User-friendly and maintenance-free
- Digital XR30CX controller
- Audible and visual alarms

+ Low Temperature Freezer -85°C

- E2003™ Electronic controller
- Superior thermal insulation and energy efficiency
- High performance
- Low noise
- Ergonomic

OUR WARRANTY
2 YEARS PARTS 2 YEARS LABOUR

MADE IN BRITAIN

E2003™ Electronic controller

- Microprocessors with two independent sections for settings and alarms
- Audible and visual alarms
- High and low temperature alarm
- Door open alarm
- Power failure alarm
- Backup battery (up to 48 hours)
- Remote alarm (4-20 milliamp) contact for external alarm and monitoring systems

Low Temperature Units

Chest Freezers

Specification

This is a special order/MTO product.
Please contact us for further details



Product	Low Temperature Chest Freezer 140L	Low Temperature Chest Freezer 296L
GDPA code	CLT140	CLT296
SKU code	444440160	444440161
External dimensions	720mm W x 885mm H x 600mm D	1260mm W x 885mm H x 600mm D
Internal dimensions	560mm W x 650mm H x 440mm D	1100mm W x 650mm H x 440mm D
Packed dimensions	960mm W x 960mm H x 700mm W	1300mm W x 960mm H x 700mm D
Product weight	59kg	80kg
Packed weight	59kg	82kg
Gross capacity	140L	296L
Net capacity	133L	284L
Colour	White	White
Door type	Solid	Solid
Door style	Hinged	Hinged
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	Y
Adjustable feet	N	N
Temperature range	-10°C to -45°C	-10°C to -45°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R404	R404
CFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230/240	230/240
Spark free	Y	Y
Auxiliary output	Y	Y
Noise level	-	-
Energy consumption	2.2 kW/24h	4.4 kW/24h

All of our spec details are available to download from our website

Low Temperature Units

Chest Freezers/Low Temperature Units

Specification



This is a special order/MTO product. Please contact us for further details

Product	Low Temperature Chest Freezer 383L	Freestanding Low Temperature Freezer 111L
GDPA code	CLT383	CLT111
SKU code	444440162	444446463
External dimensions	1560mm W x 885mm H x 600mm D	730mm W x 1080mm H x 850mm D
Internal dimensions	1400mm W x 650mm H x 440mm D	450mm W x 450mm H x 560mm D
Packed dimensions	1600mm W x 960mm H x 700mm D	.
Product weight	80kg	200kg
Packed weight	95kg	.
Gross capacity	383L	110L
Net capacity	368L	.
Colour	White	Silver/blue
Door type	Solid	Solid
Door style	Hinged	Hinged
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	Y
Adjustable feet	N	Castors
Temperature range	-10°C to -45°C	-20°C to -45°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	N	.
Refrigerant type	R404	R404a
CFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230/240	230
Spark free	Y	Y
Auxiliary output	Y	Y
Noise level	.	52dB
Energy consumption	5.2 kW/24h	5 kW/24h

This is a special order/MTO product.
Please contact us for further details



Product	Freestanding Low Temperature Upright Freezer 341L	Freestanding Low Temperature Upright Freezer 531L
GDPA code	ULT341	ULT531
SKU code	444448399	444448400
External dimensions	765mm W x 1985mm H x 900mm D	1015mm W x 1985mm H x 900mm D
Internal dimensions	450mm W x 1350mm H x 530mm D	700mm W x 1350mm H x 530mm D
Packed dimensions	.	.
Product weight	260kg	.
Packed weight	.	.
Gross capacity	322L	500L
Net capacity	.	.
Colour	Silver/blue	Silver/blue
Door type	Solid	Solid
Door style	Hinged	Hinged
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	Y
Adjustable feet	Castors	Castors
Temperature range	-20°C to -45°C	-20°C to -45°C
Temperature display on panel	Y	Y
Temperature alarm	Y (audible and visual)	Y (audible and visual)
Interior light	N	N
Auto or manual defrost	Manual	Manual
Fan	N	N
Controller type	Digital, external	Digital, external
Climate class	T	T
Refrigerant type	R404a	R404a
CFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	Y	Y
Auxiliary output	Y	Y
Noise level	52dB	52dB
Energy consumption	6.5 kW/24h	6.5 kW/24h

All of our spec details are available to download from our website



Low Temperature Units

Ultra Low Temperature Units

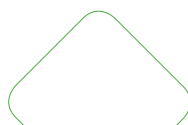
Specification



This is a special order/MTO product. Please contact us for further details

Product

	Freestanding Ultra Low Temperature 112L	Freestanding Ultra Low Temperature Upright Freezer 340L
GDPA code	CLT112	ULT340
SKU code	444448288	444443766
External dimensions	730mm W x 1080mm H x 850mm D	765mm W x 1985mm H x 900mm D
Internal dimensions	450mm W x 450mm H x 560mm D	450mm W x 1350mm H x 530mm D
Packed dimensions	.	800mm W x 2150mm H x 950mm D
Product weight	220kg	260kg
Packed weight	.	260kg
Gross capacity	133L	.
Colour	Silver/blue	Silver/blue
Door type	Solid	Solid
Door style	Hinged lid	Hinged
Replacement door seal	N	N
Open door sensor	N	N
Lock	Y	N
Adjustable feet	Castors	Castors
Temperature range	-40°C to -86°C	-40°C to -85°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Interior light	N	N
Auto or manual defrost	Manual	.
Fan	N	.
Controller type	Digital, external	Digital, external
Climate class	T	T
Refrigerant type	R404a/R508 mix	R404a/R508 mix
CFC free	Y	.
UK 3 pin plug	Y	Y
Voltage supply	230	230v/50Hz
Spark free	Y	Y
Auxiliary output	Y	Y
Noise level	52dB	52dB
Energy consumption	12.4 kW/24h	16.2 kW/24h



This is a special order/MTO product.
Please contact us for further details



Product

Freestanding Ultra Low Temperature Upright Freezer 532L

GDPA code	ULT532
SKU code	444447608
External dimensions	900mm W x 1985mm H x 1015mm D
Internal dimensions	700mm W x 1350mm H x 530mm D
Packed dimensions	1000mm W x 2130mm H x 1060mm D
Product weight	330kg
Packed weight	350kg
Gross capacity	500L
Colour	Silver/blue
Door type	Solid
Door style	Hinged
Replacement door seal	N
Open door sensor	N
Lock	Y
Adjustable feet	Castors
Temperature range	-40°C to -85°C
Temperature display on panel	Y
Temperature alarm	Y
Interior light	N
Auto or manual defrost	.
Fan	.
Controller type	Digital, external
Climate class	T
Refrigerant type	R404a/R508 mix
CFC free	.
UK 3 pin plug	Y
Voltage supply	230v/50Hz
Spark free	Y
Auxiliary output	Y
Noise level	53dB
Energy consumption	21.5 (kW/24h)

Temperature Monitoring

Our fully validated and compliant web-based, wireless temperature monitoring systems are specifically designed for controlled storage and testing environments.

The system alerts designated staff members when the temperature deviates from pre-set parameters. The broad scope of applications includes fridges, freezers, incubators in hospitals, pharmacies, laboratories and bloodbanks.

Why do you need it?

The healthcare industry relies heavily on fridge temperature monitoring and organisations must comply with monitoring legislation.

- ✓ The system is MHRA and CPA compliant
- ✓ Full validation package available to include full IQ and OQ
- ✓ Regulatory compliance and solid audit trails
- ✓ Using web-based technology, electronic records are securely accessible 24/7 globally on any internet-enabled device
- ✓ Prevents damaging valuable samples/medication with its proactive alerts

What it's used for

- ✓ Temperature controlled areas including medical fridges, freezers and incubators to alert staff members of temperature fluctuations
- ✓ In bloodbanks to monitor air and core temperatures (see the Kelsius system on page 58)
- ✓ Sensors for all temperature ranges from -200°C to 200°C
- ✓ Other parameters include – CO2, O2, humidity, door ajar sensors, water bath sensors and incubators, amongst others (Kelsius system only)

A complete system

- ✓ No hidden software upgrade or validation costs
- ✓ Delivers unparalleled accuracy
- ✓ As well as monitoring temperature, the system offers a number of other sensors designed to target specific areas of the healthcare industry. This allows you to custom build the right package for you (Kelsius system only)

Data Loggers

Recommended in the Green Book, Chapter 3:

“At least one maximum-minimum thermometer that is independent of mains power should be used (as well as any integrated thermometer), so temperatures can be measured in the event of electricity loss. The maximum-minimum thermometer should be calibrated annually to confirm that it is giving accurate readings.”

Lec Medical's range of data loggers measure temperature ranging from -40°C to 125°C. Some models measure humidity too which are ideal for laboratory testing environments where humidity can cause problems.

Download data using the USB connection directly into your PC, or with the new WIFGP+ the temperature data can be transmitted wirelessly.

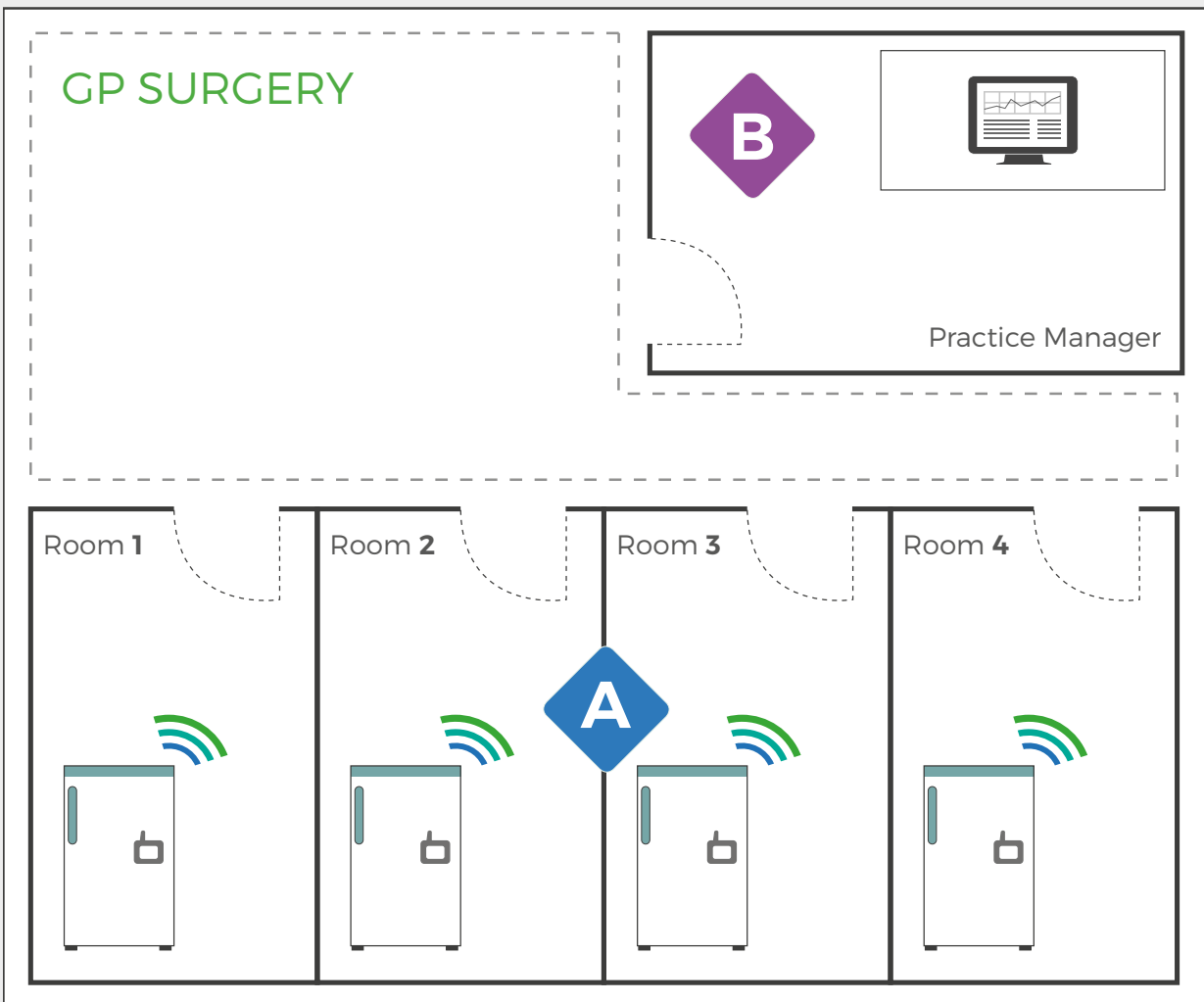
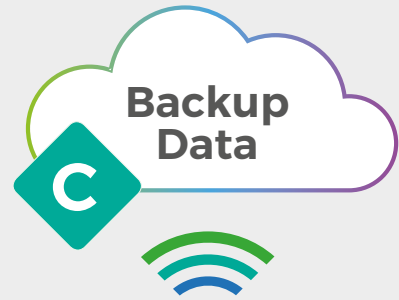
Lec Medical provides temperature mapping services. Contact us now for more details.

iAlert

Wifi Temperature Monitoring System

Ideal for pharmacies and GP surgeries

The diagram below demonstrates the transfer of data and easy access for the practice manager of a typical GP surgery.



- A** Our sensors monitor air temperature and transmit data to the on-site router.
- B** Data is then easily accessed by the access manager from any device. This includes information displayed in a diagrammatic format. **The system also has a proactive alert system - warning of any significant fluctuations in temperature.**
- C** Data is then stored on our secure cloud-based server using the latest encryption software.

Call now for your bespoke quotation.

Reasons to buy

- + Safeguard vaccine wastage and saving £000's
- + Secure backup data
- + Proactive alerts
- + Automated logging
- + Wifi enabled

All of our spec details are available to download from our website



Data Loggers

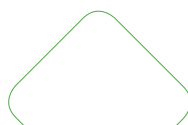
Specification



Product	Advanced Data Logger with Calibration	Advanced Data Logger
GDPA code	ATMDL-LCD-CAL	ATMDL-LCD
SKU code	444442737	444442167
External dimension	119.5mm W x 25.3mm H x 22.1mm D	120mm W x 25mm H x 22mm D
Measurement range	-35°C to 80°C	-35°C to 80°C
Temperature display on panel	Y	Y
Accuracy	+/-0.5°C	+/-0.5°C



Product	USB Temperature Data Logger	Advanced Humidity & Thermistor Data Logger
GDPA code	ATMDL01	ATMDL-HUSB
SKU code	444448729	444444355
External dimension	25mm W x 100mm H x 25mm D	108mm W x 25mm H x 22mm D
Measurement range	-35°C to 80°C	-35°C to 80°C Relative Humidity = 0 to 100%RH
Temperature display on panel	N	Y
Accuracy	+/-1°C	+/-0.5°C





Product	Advanced Humidity & Thermistor Data Logger with LCD	Advanced Temperature Probe Data Logger
GDPA code	ATMDL-HUSB-LCD	ATMDL-LCDGP
SKU code	444444356	444444352
External dimension	126mm W x 25mm H x 22mm D	135mm W x 24mm H x 21mm D
Measurement range	-35°C to 80°C Relative Humidity = 0 to 100%RH	-40°C to 125°C
Temperature display on panel	Y	Y
Accuracy	+/-0.5°C	+/-0.1°C



Product	Dual Probe High Accuracy Data Logger with Graphic	High Accuracy External Thermistor Wifi Temperature Sensor Data Logger
GDPA code	ATMDL-DTP+	ATMDL-WIFIGP+
SKU code	444444353	444444354
External dimension	101mm W x 48.5mm H x 30.5mm D	82mm W x 70mm H x 36mm D
Measurement range	-40°C to 125°C	-40°C to 125°C
Temperature display on panel	Y	Y
Accuracy	+/-0.1°C	+/-0.6°C

All of our spec details are available to download from our website



Kelsius Temperature Monitoring System

Ideal for hospitals, bloodbanks and larger clinic facilities where temperature monitoring is vital

Features and Benefits

+ Greater Visibility of Data

Data from all locations (i.e. separate departments and buildings) can be centralised on the web portal, providing users with an overall view of their monitored environments from any internet-enabled device. Certain areas may not have 24-hour supervision. If a temperature excursion occurs during out-of-hours, the system will send alerts to personnel who can then access further information remotely via the internet, enabling prompt decisions and necessary course of action.

+ Reduced Cost

Data is held on the server resulting in a zero cost infrastructure model (i.e. no need for computer hardware, network servers and software).

+ Wireless

Wireless sensors utilise active radio frequency and have the capability to communicate data up to a range of 500 metres. Also, the Network Controller has the ability to receive data from over 250 channels. Hence large areas can be covered by minimal hardware. Remote maintenance capability avoids engineer call-outs.

+ Remote Programmability

The web architecture is centrally updated facilitating rapid and regular implementation of new software releases. There is no need for users to download software patches and upgrades.

+ Data Availability/Security

The client's data is hosted on multiple servers across multiple sites in the UK and Ireland. In addition, the servers can control access and resources, to guarantee that only clients with the appropriate permissions may access and change data.

+ Easy Installation

The system can proceed without IT network permissions. There is no need for wiring, PC hardware or software. The new Configuration Wizard will enable real-time configuration of the client's web portal during installation.

+ Easy to Maintain

The servers detect failures in the system and alert customers. Remote diagnosis avoids unplanned maintenance visits. A dedicated representative will attend annually to complete necessary maintenance and calibration visits.



+ Network Controller

The network connects to local ISP by modem using phone line, ethernet local area network (broadband) GSM/GPRS modem, and mobile wifi. It has a signal strength of up to 300m and 500m with repeaters for larger networks. The system operates on a proprietary Kelsius operating system and there is no need for OS updates or antivirus. Alarms via email, SMS, local audible/flasher, voice-call (can escalate sequentially if unanswered). It has full remote reprogrammability (OS and programs) and up to 250 channels

+ Wireless Temperature Sensor - Air

These sensors are designed to be portable or directly mountable within the desired location. The unit has both internal and external sensors. Internal sensors are used to monitor core temperature. External sensors are used to monitor, e.g. surface (air), product

+ Wireless Temperature Sensor - Bloodbank

Designed to monitor bloodbank storage units in the specific temperature range. The unit has both air and product sensors. Simulated product temperature is measured using a stainless temperature probe inserted into a laboratory bottle containing 200ml of water

+ Wireless Temperature Sensor - Hot

The K101P probe is designed to work with the K101A temperature sensor and can be used in water baths or placed in a buffer to replicate product temperature

+ Carbon Dioxide Sensor

Records temperature compensated CO₂ measurement. Separate temperature reporting is also available

+ Carbon Dioxide Sensor

The door ajar and light sensors are designed to work with the K101A temperature sensor. The system can raise an alarm if the door is left ajar for longer than a user-defined number of seconds or minutes. Each door open event is recorded and logged

+ Wireless Humidity Sensor

These portable sensors communicate wirelessly with the network controller, even when buried deep inside storage cabinets. Temperature and humidity are reported

+ Wireless Cryogenic Sensor

The cryogenic sensor communicates wirelessly with the network controller with a range of up to 100m. The unit itself can be placed, for example, on top of the cold box/freezer cabinet and the 3m thermocouple wire can be coiled inside the cabinet. Suitable for liquid nitrogen applications

+ Wireless Repeater

For larger wireless networks, the wireless repeater unit enables us to extend the range of the Kelsius wireless network. The repeater is powered from 1A 12V mains adapter. Internal rechargeable batteries maintain connectivity in the event of power failure for up to 2 days. Up to 5 repeaters can be used in any one wireless network

+ Alarm Flasher - Wired

The alarm flasher provides a local alarm to enable quick alerting of temperature outages or connectivity problems. Each alarm flasher has an audible alarm facility that can be deactivated if not required. The AL1 alarm flasher is a wired alarm that plugs into (and is powered from) the network controller and so will be located beside the network controller

+ Alarm Flasher - Wireless

The alarm flasher provides a local alarm to enable quick alerting of temperature outages or connectivity problems. The AL2 is a wireless alarm offering flexibility of location. The user is free to position the alarm anywhere within the Kelsius wireless network. It is powered by a 12V 1A power supply unit

Custom build your package

Our dedicated sales team can tailor a package specifically for you

Get in touch today for more information

☎ 0344 815 3742



Ice Makers

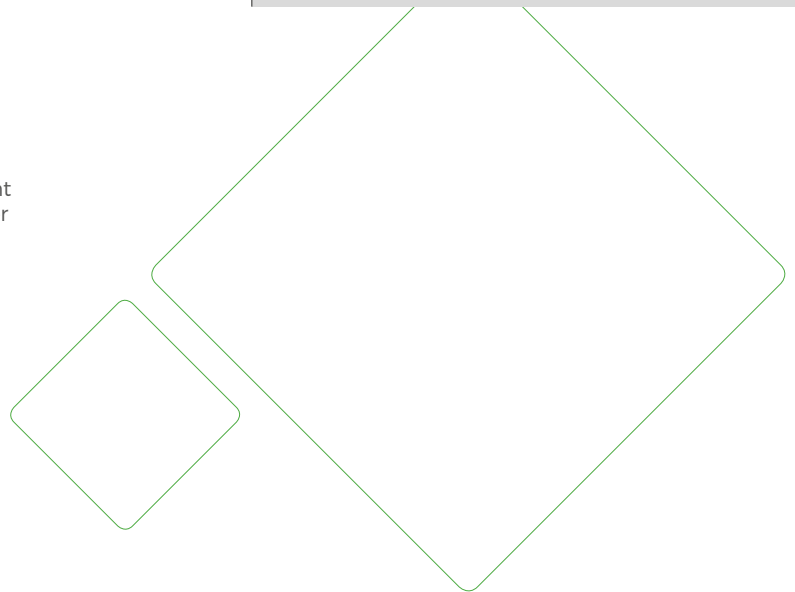
Temperature in Control

Hoshizaki is widely considered to be one of the world's leading manufacturers of ice machines and is committed to providing an outstanding level of reliability and performance.

All machines are originally designed. Parts are precision engineered exclusively for each machine. Bins are polyurethane foam injected with insulated, precision made doors with gaskets to create a closed environment that minimises meltage and thus decreases the number of ice production cycles.

OUR WARRANTY
2 YEARS PARTS 2 YEARS LABOUR

 **MADE IN
BRITAIN**



This is a special order/MTO product.
Please contact us for further details



Product	Hoshizaki Ice Machine Nugget 110kg/day	Hoshizaki Ice Machine Flake 125kg/day
GDPA code	FM-150KE 50-N	FM-150KE 50
SKU code	444449290	444449272
External dimensions	940mm W x 800mm H x 600mm D	940mm W x 800mm H x 600mm D
Packed dimensions	706mm W x 1046mm H x 922mm D	706mm W x 1046mm H x 922mm D
Product weight	81kg	81kg
Packed weight	94kg	94kg
Colour	Grey	Grey
Temperature range	5°C to 40°C	5°C to 40°C
Temperature display on panel	N	N
Temperature alarm	N	N
Refrigerant type	R134a	R134a
UK 3 pin plug	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	N	N
Freezing capacity	110kg/24h	125kg/24h
Energy consumption	12.48 kW/24h	12.48 kW/24h

This is a special order/MTO product.
Please contact us for further details



Product	Hoshizaki Ice Machine Nugget 110kg/day	Hoshizaki Ice Machine Flake 125kg/day
GDPA code	FM-150KE-N	FM-150KE
SKU code	444449271	444449270
External dimensions	640mm W x 800mm H x 600mm D	640mm W x 800mm H x 600mm D
Packed dimensions	750mm W x 890mm H x 700mm D	750mm W x 890mm H x 700mm D
Product weight	71kg	71kg
Packed weight	82kg	82kg
Colour	Grey	Grey
Ambient temperature range	5°C to 40°C	5°C to 40°C
Temperature display on panel	N	N
Temperature alarm	N	N
Refrigerant type	R134a	R134a
UK 3 pin plug	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	N	N
Freezing capacity	110kg/24h	125kg/24h
Energy consumption	12.48 kW/24h	12.48 kW/24h

All of our spec details are available to download from our website

Ice Makers

Specification

This is a special order/MTO product.
Please contact us for further details



Product	Hoshizaki Ice Machine Nugget 65kg/day	Hoshizaki Ice Machine Flake 85kg/day
GDPA code	FM-80KE-N	FM-80KE
SKU code	444449269	444449268
External dimensions	640mm W x 800mm H x 600mm D	640mm W x 800mm H x 600mm D
Packed dimensions	750mm W x 890mm H x 700mm D	750mm W x 890mm H x 700mm D
Product weight	65kg	65kg
Packed weight	75kg	75kg
Colour	Grey	Grey
Ambient temperature range	5°C to 40°C	5°C to 40°C
Temperature display on panel	N	N
Temperature alarm	N	N
Refrigerant type	R134a	R134a
UK 3 pin plug	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	N	N
Freezing capacity	65kg/24h	85kg/24h
Energy consumption	7.2 kW/24h	7.2 kW/24h

This is a special order/MTO product.
Please contact us for further details



Product	Hoshizaki Countertop Ice Dispenser 125kg/day	Hoshizaki Countertop Ice Dispenser 60kg/day
GDPA code	DCM-120KE	DCM-60KE
SKU code	444449266	444449265
External dimensions	350mm W x 855mm H x 585mm D	350mm W x 695mm H x 585mm D
Packed dimensions	420mm W x 1011mm H x 655mm D	440mm W x 931mm H x 655mm D
Product weight	-	-
Packed weight	67kg	56kg
Colour	Grey	Grey
Temperature range	5°C to 40°C	5°C to 40°C
Temperature display on panel	N	N
Temperature alarm	N	N
Refrigerant type	R134a	R134a
UK 3 pin plug	Y	Y
Voltage supply	220-240	220-240
Spark free	N	N
Auxiliary output	N	N
Freezing capacity	125kg/24h	60kg/24h
Energy consumption	14.5 kW/24h	6.72 kW/24h

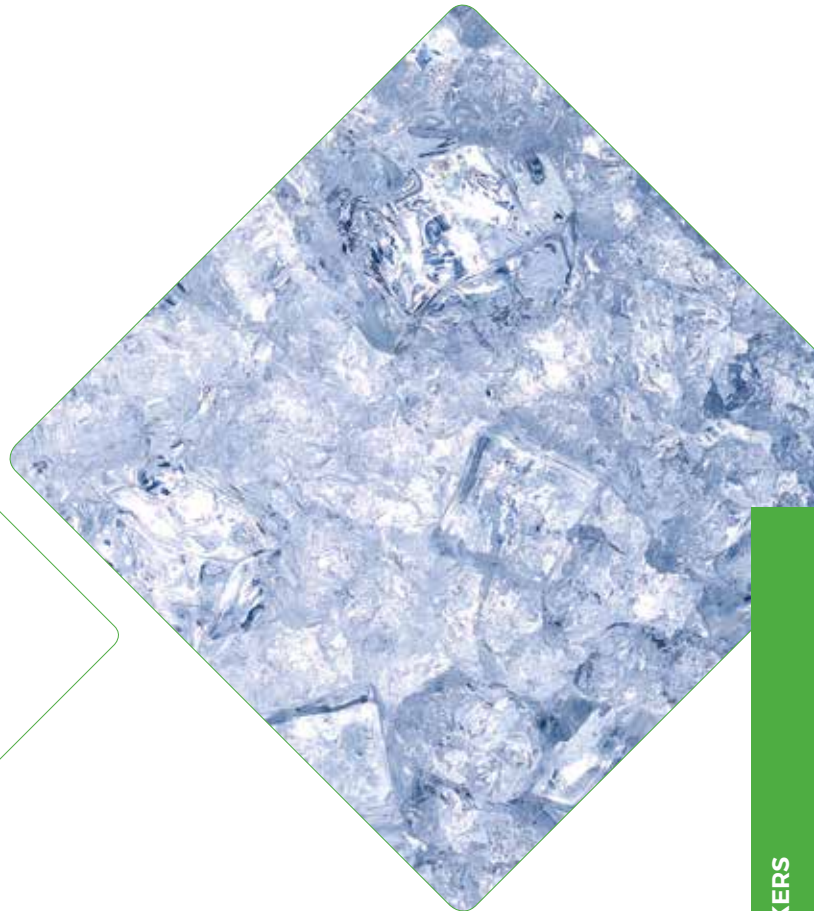


This is a special order/MTO product.
Please contact us for further details

Product

Hoshizaki Ice Dispenser Upright 32kg/day DIM30-DE

GDPA code	DIM30-DE
SKU code	444449267
External dimensions	350mm W x 1600mm H x 500mm D
Packed dimensions	450mm W x 1670mm H x 690mm D
Product weight	-
Packed weight	71kg
Colour	Grey
Temperature range	1°C to 40°C
Temperature display on panel	N
Temperature alarm	N
Refrigerant type	R134a
UK 3 pin plug	Y
Voltage supply	220-240
Spark free	N
Auxiliary output	N
Freezing capacity	32kg/24h
Energy consumption	7.68 kW/24h





Ward Refrigeration

Temperature in Control

Lec Medical has an improved range of refrigerators for use on wards in a variety of sizes. With the added security of a lock fitted as standard and the antimicrobial handle to help prevent cross contamination, these refrigerators are built with you in mind.

Lec Medical suggests the following advice to ensure you are getting the most from your Ward fridge

- ✓ Do not open the door for prolonged periods
- ✓ Always ensure the door is closed firmly after use
- ✓ Do not overstock the unit as this can affect the internal airflow
- ✓ Clean the unit regularly, ensure freezers are defrosted according to the recommendations provided
- ✓ Always ensure your fridge or freezer has space around it for cooling airflow to prevent the refrigerant system working harder than it needs to



Product Overview

OUR WARRANTY
2 YEARS PARTS
2 YEARS LABOUR

MADE IN
BRITAIN

+ New Advanced Controller

Manage the internal temperature and monitor min/max settings at the touch of a button

+ Fitted Lock

Maintains security and helps prevent unauthorised access. All units come with two keys

+ Unique Antimicrobial Handle

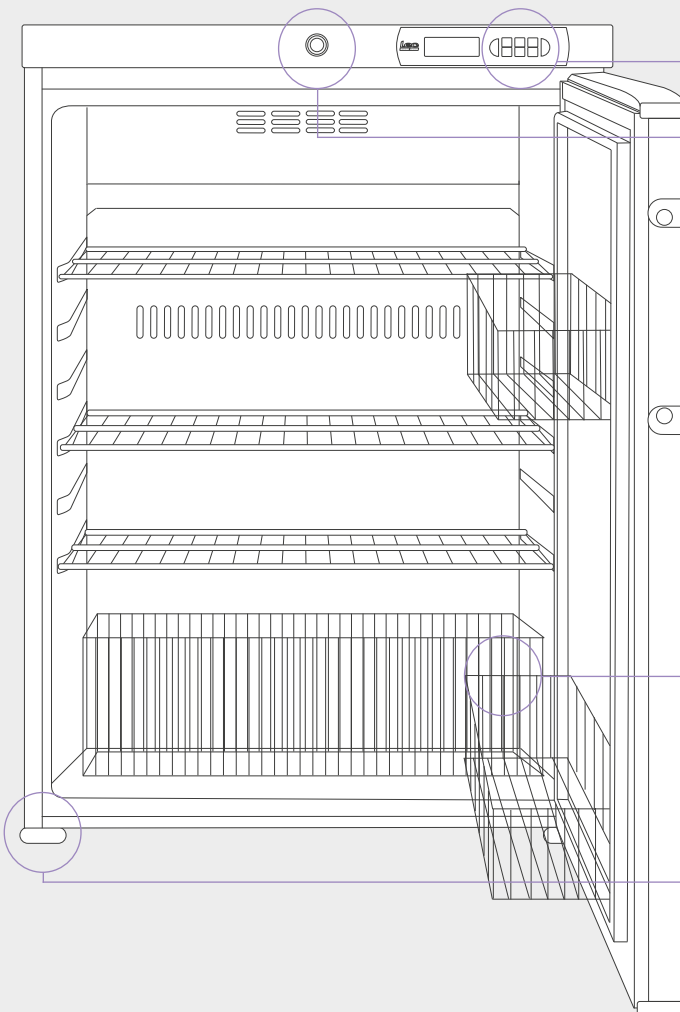
Helps prevent the growth of bacteria and minimise the potential for cross contamination

+ Wire Shelves and Basket

Enables optimal airflow inside the unit. Shelf positions can be varied for maximum storage capacity

+ Fitted Rollers

For easy moving and cleaning



Under-counter Ward Refrigerator Solid Door 151L (WSR151)

All of our spec details are available to download from our website

Ward Range

Specification



Product	Countertop Ward Refrigerator Solid Door 82L	Under-counter Ward Refrigerator Solid Door 151L
GDPA code	WR207C	WSR151
SKU code	444441798	444440962
External dimensions	502mm W x 660mm H x 540mm D	595mm W x 845mm H x 635mm D
Internal dimensions	419mm W x 540mm H x 315mm D (step 215mm H x 165mm D)	500mm W x 705mm H x 450mm D (step 210mm H x 165mm D)
Packed dimensions	520mm W x 675mm H x 595mm D	650mm W x 865mm H x 687mm D
Product weight	27.5kg	37kg
Packed weight	30.5kg	41kg
Gross capacity	82L	151L
Net capacity	67L	145L
External finish	White painted steel	White painted steel
Colour	White/green	White/green
Internal finish	White plastic	White plastic
Type of plastic	HIPS/ABS mix	HIPS/ABS mix
Door type	Solid	Solid
Door finish	Painted steel	Painted steel
Door style	Hinged, reversible	Hinged, reversible
Door open depth	976mm	1165mm
Replacement door seal	N	N
Open door sensor	N	Y
Lock	Y	Y
Adjustable feet	N	2 adjustable front feet, 2 rear rollers
Temperature range	1°C to 5°C	1°C to 5°C
Temperature display on panel	Y	Y
Temperature alarm	Y	Y
Number of shelves	2	3
Shelf material	Wire	Wire
Number of shelf positions	2	6
Shelf size	440mm W x 6mm H x 275mm D	320mm W x 6mm H x 520mm D
Adjustable door bins	.	2 fixed
Interior light	N	N
Auto or manual defrost	Auto	Auto
Fan	Y	Y
Controller type	Digital, external	Digital, external
Climate class	N	N
Refrigerant type	R134a	R600a
CFC free	Y	Y
HFC free	N	Y
HCFC free	Y	Y
UK 3 pin plug	Y	Y
Voltage supply	230	230
Spark free	N	N
Auxiliary output	N	N
Insulation thickness	30mm	40mm
Insulation type	Cyclopentane	Cyclopentane
Noise level	<43dB	.
Energy consumption	1.1 kW/24h	.
Type of model	Light-duty cabinet and vertical cabinet	Light-duty cabinet and vertical cabinet
Energy class	D	B
E24H (kWh)	2.297	1.568
Annual energy consumption (kWh)	1006	687
Net volume of fridge compartments	67L	146L
Climate class	3	3
Stacking kit compatible	N	Y



Product	Ward Refrigerator Solid Door 288L	Stacking Kit
GDPA code	WSR288	ASK151
SKU code	444440963	444443318
External dimensions	595mm W x 1570mm H x 670mm D	.
Internal dimensions	480mm W x 1382mm H x 445mm D (step 200mm H x 260mm D)	.
Packed dimensions	640mm W x 1580mm H x 740mm D	225mm W x 100mm H x 190mm
Product weight	59kg	2.5kg
Packed weight	64kg	3kg
Gross capacity	288L	.
Net capacity	284L	.
External finish	White painted steel	.
Colour	White/green	.
Internal finish	White plastic	.
Type of plastic	HIPS/ABS mix	.
Door type	Solid	.
Door finish	Painted steel	.
Door style	Hinged, reversible	.
Door open depth	1185mm	.
Replacement door seal	N	.
Open door sensor	N	.
Lock	Y	.
Adjustable feet	2 adjustable front feet, 2 rear rollers	.
Temperature range	1°C to 5°C	.
Temperature display on panel	Y	.
Temperature alarm	Y	.
Number of shelves	5	.
Shelf material	Wire	.
Number of shelf positions	12	.
Shelf size	340mm W x 6mm H x 497mm D	.
Adjustable door bins	4	.
Interior light	Y	.
Auto or manual defrost	Auto	.
Fan	Y	.
Controller type	Digital, external	.
Climate class	SN	.
Refrigerant type	R600a	.
CFC free	Y	.
HFC free	Y	.
HCFC free	Y	.
UK 3 pin plug	Y	.
Voltage supply	230	.
Spark free	N	.
Auxiliary output	N	.
Insulation thickness	40-60mm	.
Insulation type	Cyclopentane	.
Noise level	.	.
Energy consumption	.	.
Type of model	Light-duty cabinet and vertical cabinet	.
Energy class	C	.
E24H (kWh)	1.074	.
Annual energy consumption (kWh)	470	.
Net volume of fridge compartments	284L	.
Climate class	3	.
Stacking kit compatible	N	.

All of our spec details are available to download from our website

Flexible Storage

Green Book

“Examples of good practice include: rotating vaccine stocks within the refrigerator so that those with shorter expiry dates are at the front and used first.”

Stock rotation can be easily managed using our fitted drawers.

We now offer our most popular under-counter and freestanding models with pre-fitted drawers for an effective storage system in your pharmacy. The units are available in two options.

Drawer Systems

Plastic Anti-bacterial Fitted Drawers

- ✓ Anti-bacterial plastic minimises the potential for bacterial growth and cross contamination
- ✓ Easy open for simple replenishment
- ✓ Simple to lift out and remove for easy cleaning
- ✓ Supplied with 17mm pre-drilled holes to maintain effective airflow within the fridge
- ✓ Extra dividers available to compartmentalise certain drugs

Aluminium Drawers

- ✓ Robust aluminium construction
- ✓ Easy open for simple replenishment
- ✓ Removable for easy cleaning
- ✓ Supplied with 17mm pre-drilled holes to maintain effective airflow within the fridge
- ✓ Extra dividers available to compartmentalise certain drugs



Our tough anti-bacterial sit on plastic shelf organisers are perfect for organising drugs and vaccines most effectively. They simply sit on existing fridge shelves.

Shelf Organisers

Key Features

- ✓ 448mm wide x 350mm deep footprint – suitable for many Lec Medical models or other units already in your pharmacy or laboratory
- ✓ Anti-bacterial plastic inhibits bacterial growth and minimises the risk of cross contamination
- ✓ Supplied with 17mm pre-drilled holes to maintain effective cooling airflow within the fridge
- ✓ Extra dividers available separately to compartmentalise certain items





All of our spec details are available to download from our website



Support

FIXD (Aftercare Maintenance)

Providing support for ALL Lec Medical products, **even if they are no longer under warranty** Glen Dimplex Professional Appliances, one of the UK's leading manufacturers of commercial and medical use equipment, has launched a dedicated maintenance and repair service.

For more information call **08435 073 432** or email us **contact@fixdservice.com**



- + Dedicated fleet of commercial engineers from a manufacturer
- + Refrigeration qualified for R600, R134, R404
- + Supported by a manufacturer's call handling team and technical help desk
- + In and out of warranty work
- + Health checks and preventative maintenance options for products
- + Dedicated fleet of engineers
- + Comprehensive spare parts holding

Preventative Maintenance

The Lec Medical health check service is designed to increase your refrigerator's lifespan with regular checks and monitoring to ensure the product works as efficiently as possible.

- + Total electrical and mechanical inspection. Testing of all the key parts
- + Calibrate digital display for both air and load temperatures
- + Inspect and calibrate chart recorders
- + Check temperature sensors
- + Check compressor electrics
- + Provide 'best practice' advice and train operators as necessary
- + Issue a Calibration Certificate/Maintenance Certificate



Temperature Mapping

The Green Book advises that all medical refrigerators should be temperature mapped annually. Our Lec Medical temperature mapping service is carried out by fully trained engineers who supply a full report after the service, with no disruption to your day to day operations.

- + Three point temperature map as standard
- + Additional points can be offered to suit your requirements
- + Professional report inclusive of recommendations
- + Fully flexible and can be tailored to suit your requirements
- + This procedure is a MHRA recommendation, any unit holding 'high risk' goods should be temperature mapped annually
- + Applies to any medical refrigerator, whatever the make or model

IQ/OQ for Bloodbanks

The IQ/OQ service is always performed by a fully trained engineer and helps to ensure the correct function and operation when a unit is purchased. The engineer also provides a completion certificate after the service. As this service is an MHRA regulation, an IQ/OQ must be arranged when purchasing any of our Lec Medical Bloodbanks.

- + A fully trained engineer will carry out the procedure
- + In order to comply to MHRA regulations, an IQ/OQ must be arranged when purchasing any Lec Medical Bloodbank
- + This procedure is to ensure the correct function and operation of your refrigerator
- + Certification will be issued once the procedure is completed



Our Warranty

We offer one of the best after-sales warranties within the medical sector

When you buy a Lec Medical product, you can be sure you are also receiving our award winning after-sales service and support. Our award winning UK-based call centre is on hand 5 days a week to answer any questions you may have. We also have a fleet of over 180 service engineers UK-wide ensuring that in the unlikely event that you do encounter an issue with one of our appliances, one of our trained engineers can be with you quickly to help sort the problem out.



The Lec Warranty

ALL refrigeration products come complete with a free 2 years parts and labour warranty giving you complete peace of mind in your new Lec Medical appliance.



5 Year Warranty

Our 5 years parts and labour warranty is available on selected Pharmacy refrigerators. Easy to apply for and giving you further confidence in our range.



Extended Warranty

We now offer all of our customers the opportunity to extend their Lec Medical warranty further, for added security in today's tough economic climate. Our extended warranty packages are affordable and offer a new for old replacement, as long as you have cover in place.

Please visit www.lec-medical.co.uk for more details.

If you do encounter any problems with your Lec Medical unit, simply call our helpline and our support team are on hand to assist you 5 days a week

 **08435 073 432**

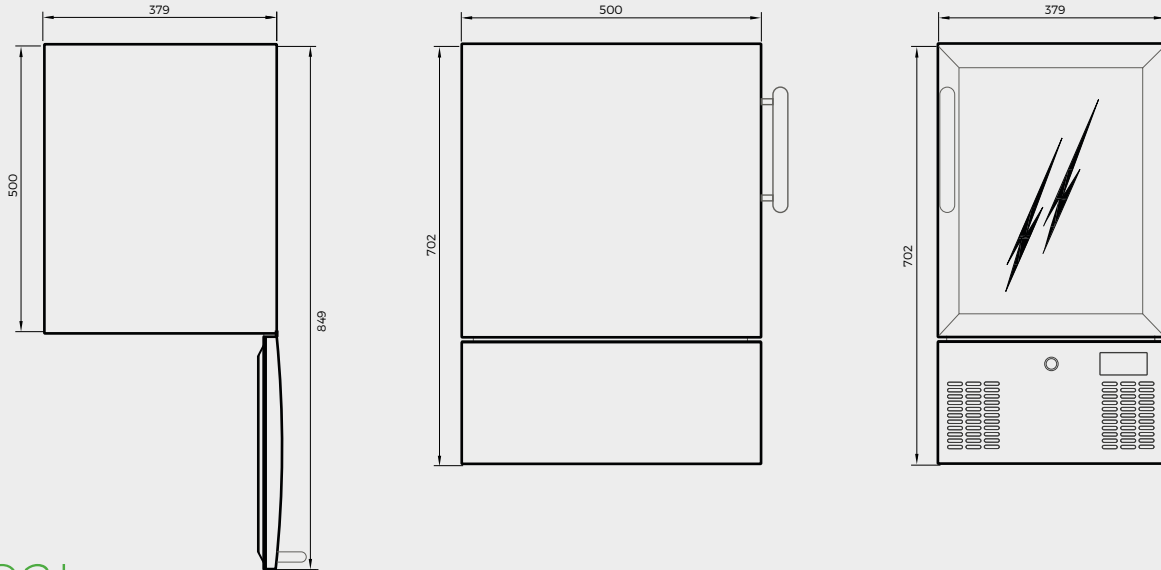


Our support team are
on hand to assist you
5 days a week

☎ 08435 073 432

Model Information

Dimensions

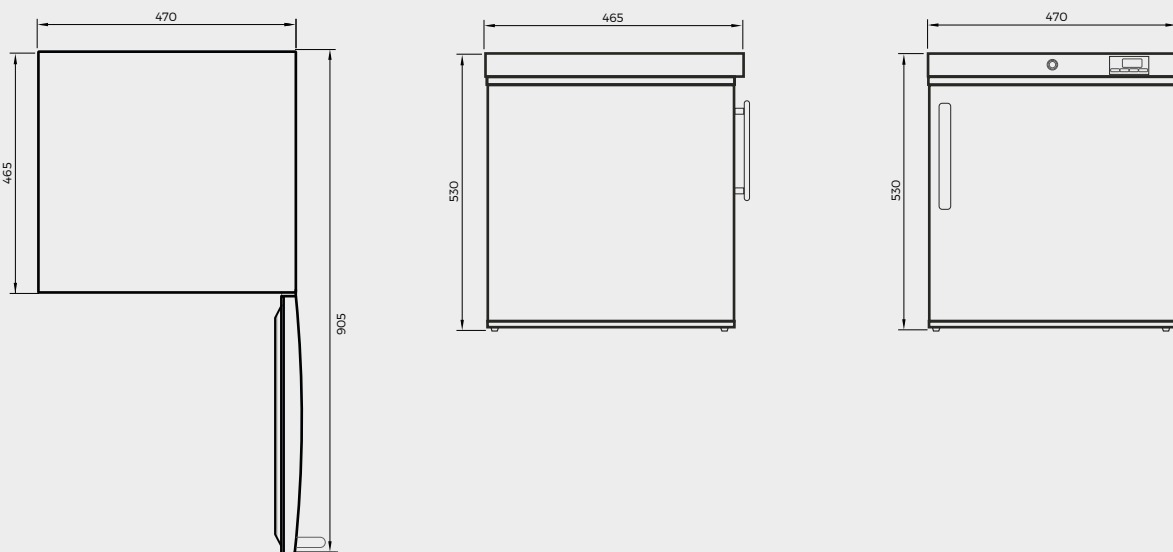


102L

REFRIGERATOR

Model numbers: PE102C, PG102C

Drawings not to scale

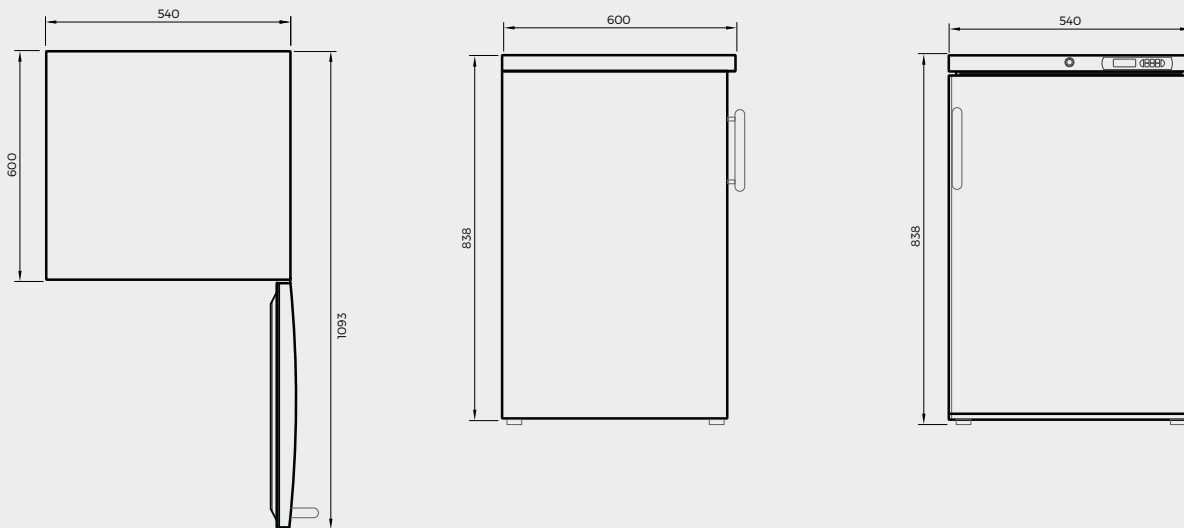


109L

REFRIGERATOR

Model numbers: PE109C

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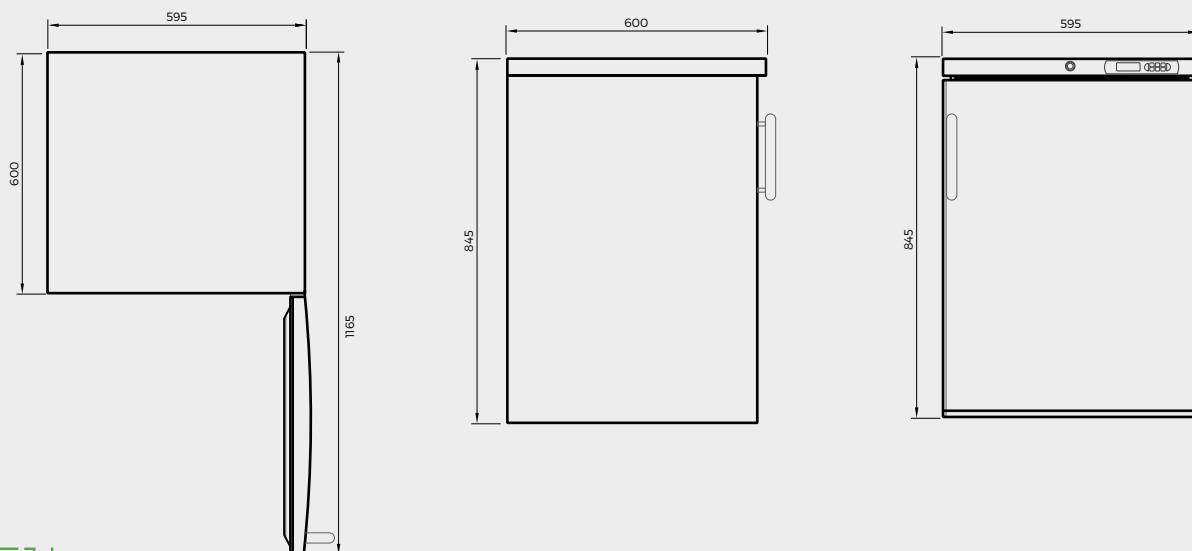


119L

FRIDGE-FREEZER

Model numbers: LSC119UK

Drawings not to scale



151L

REFRIGERATOR, FREEZER

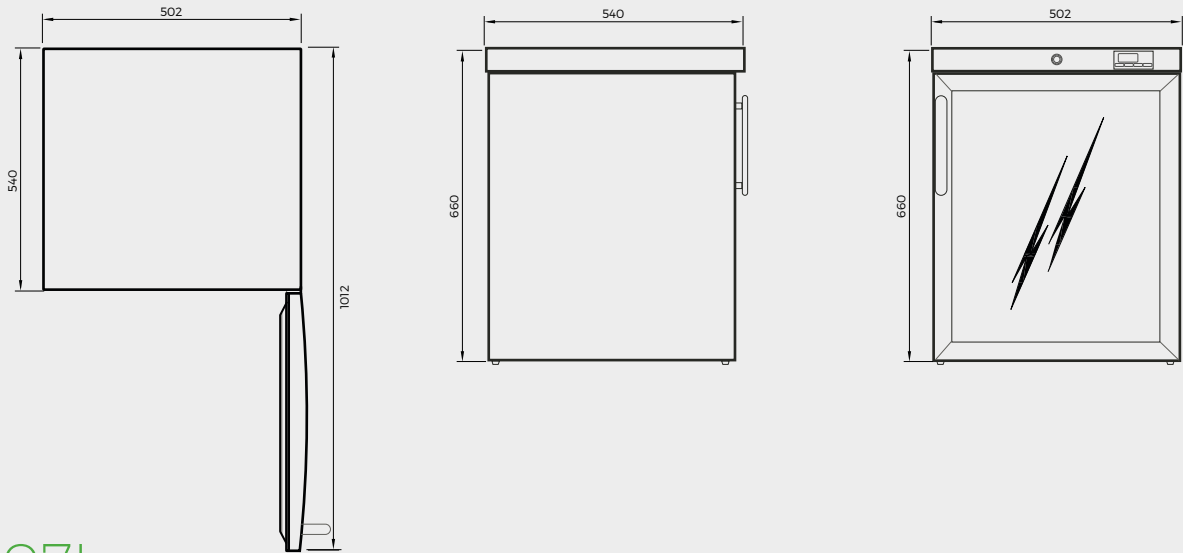
Model numbers: PSRC151UK, PGRC151UK, LSR151UK, LSF151UK, WSR151

Drawings not to scale

All of our spec details are available to download from our website

Model Information

Dimensions

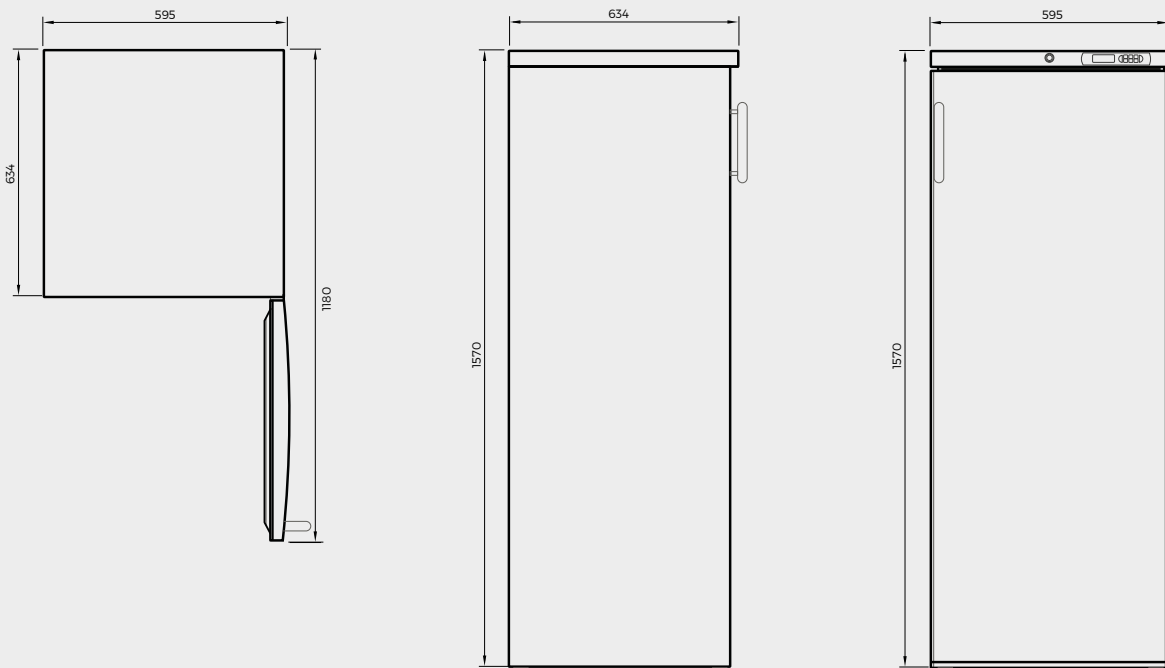


207L

REFRIGERATOR

PE207C, PG207C, LR207C, WR207C

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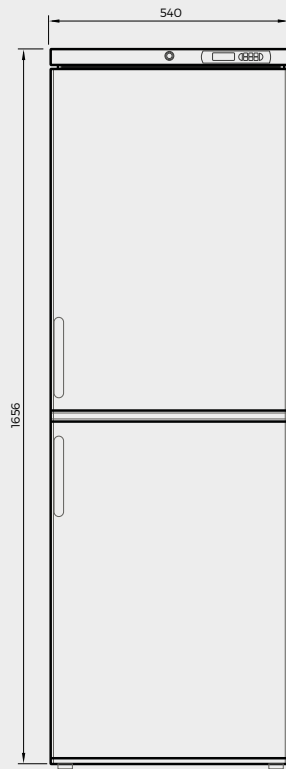
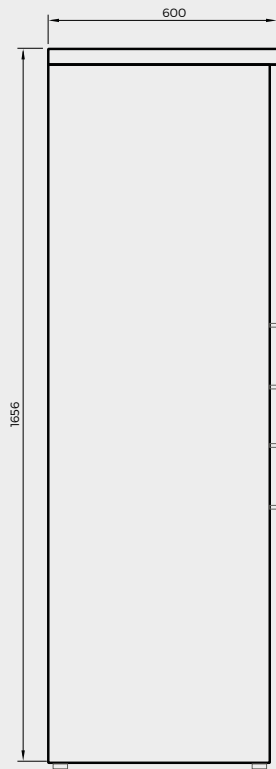
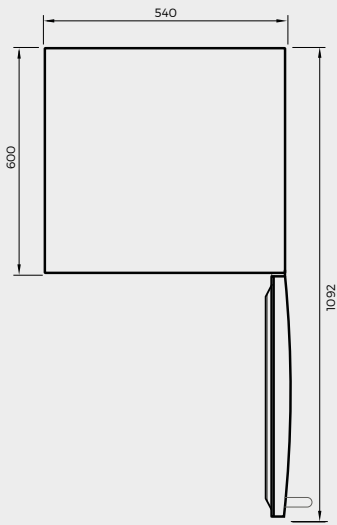


232L

FREEZER

LSF232UK

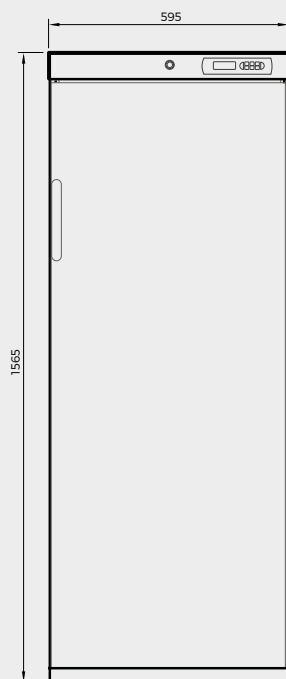
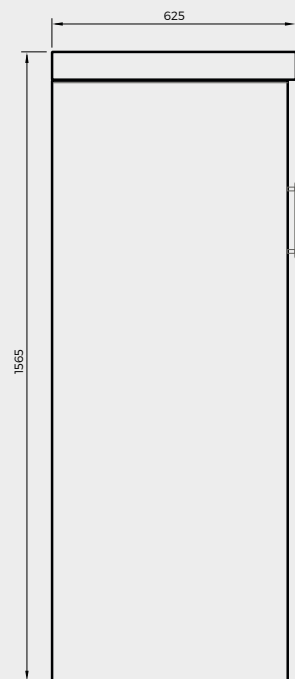
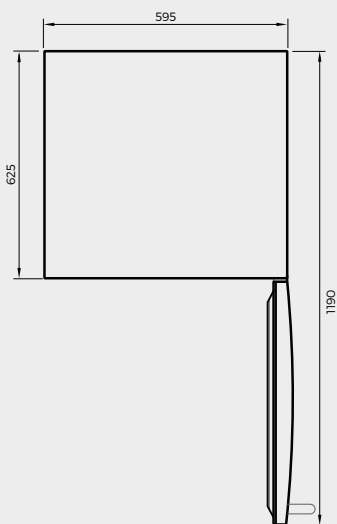
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263L

FRIDGE-FREEZER
LSF263UK ATEX, LSC263UK

Drawings not to scale



273L

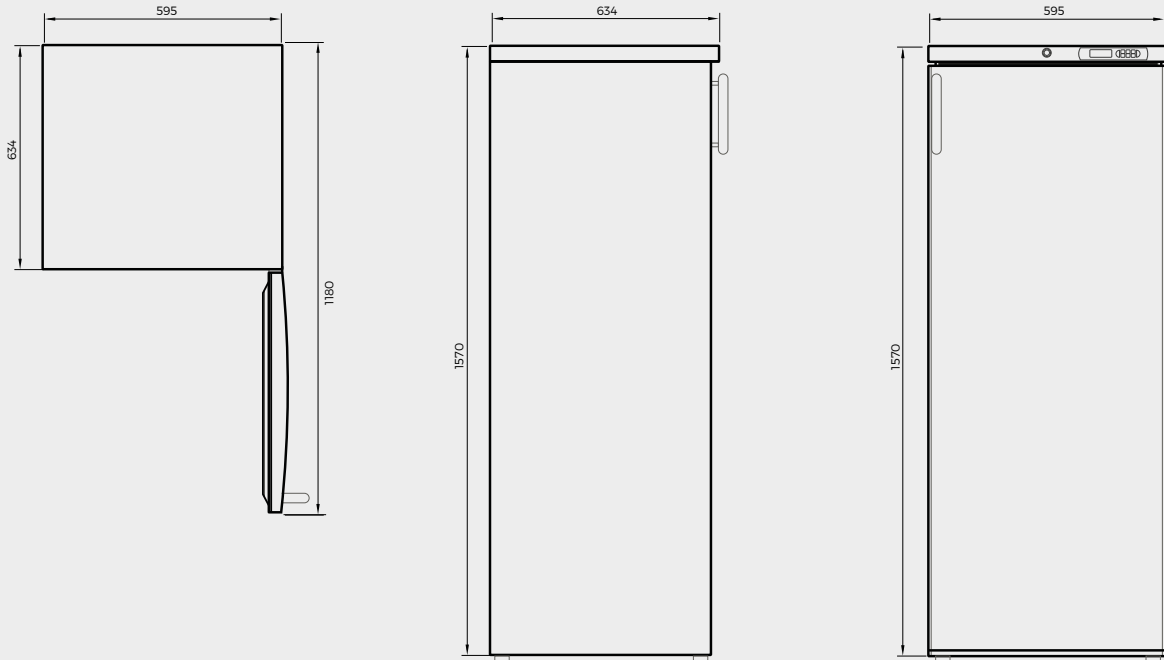
REFRIGERATOR
PSRC273UK, PGRC273UK

Drawings not to scale

All of our spec details are available to download from our website

Model Information

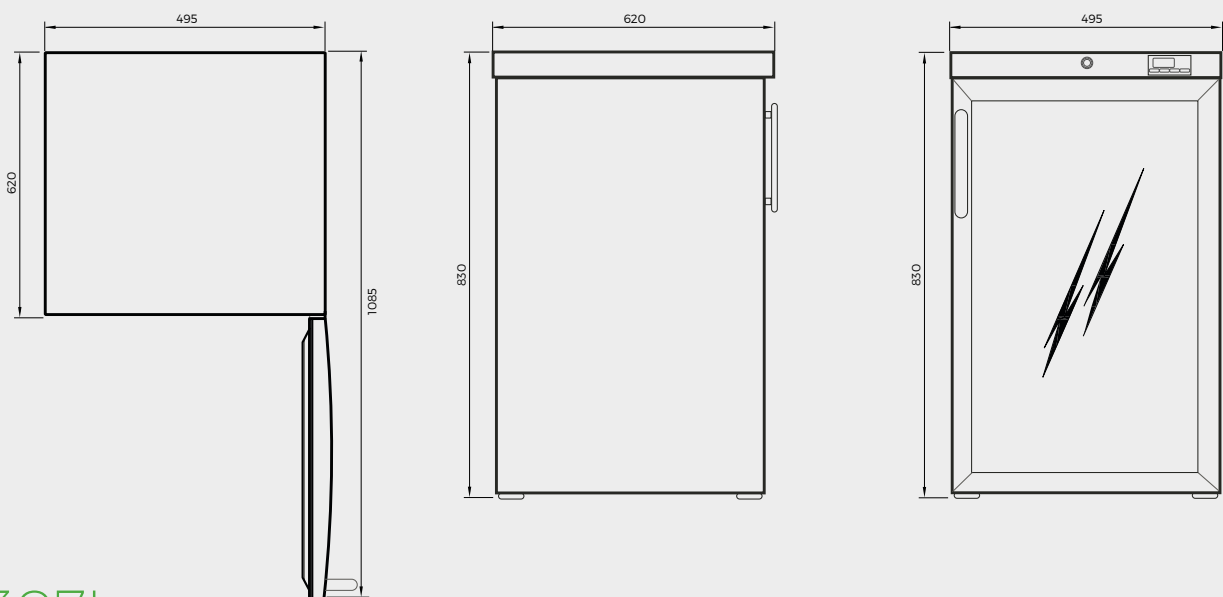
Dimensions



288L

REFRIGERATOR
LSR288UK, WSR288UK

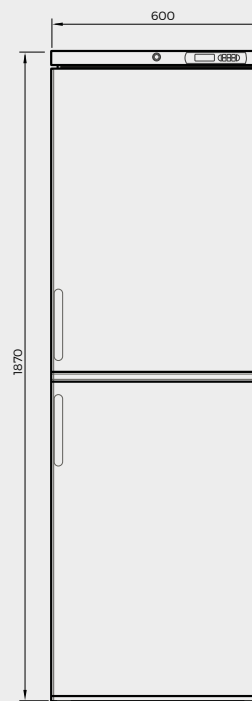
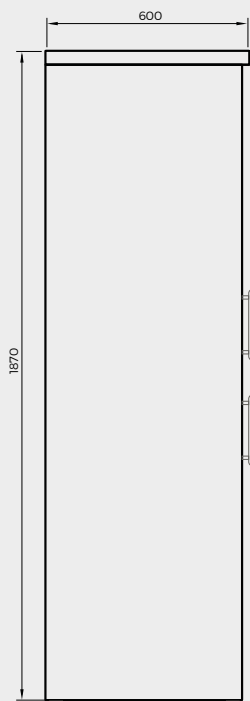
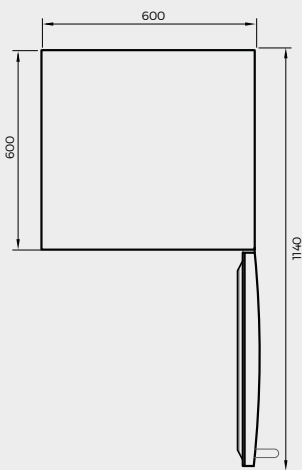
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307L

REFRIGERATOR
PE307C, PG307C, LR307C

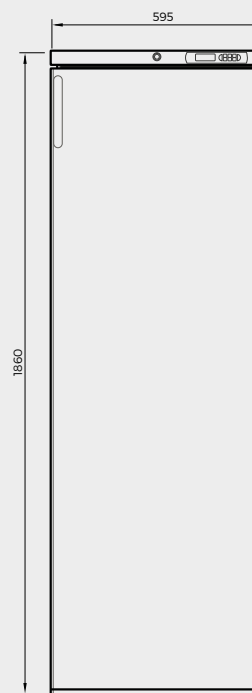
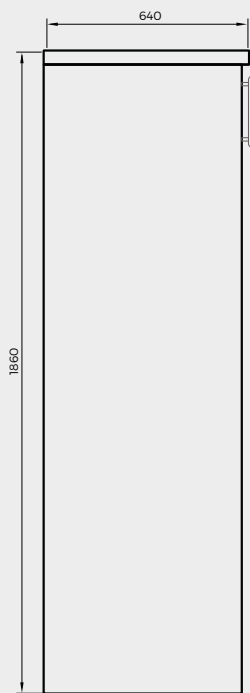
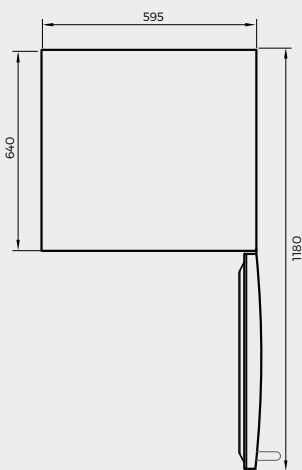
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324L

FRIDGE-FREEZER
LSC324UK

Drawings not to scale



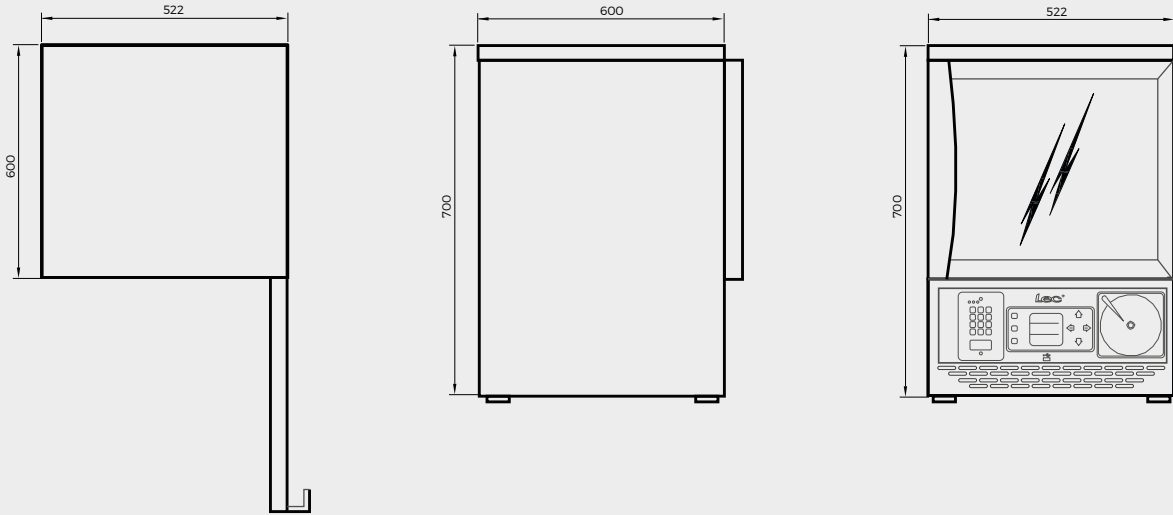
353L

REFRIGERATOR
PSRC353UK, PGRC353UK

Drawings not to scale

Model Information

Dimensions

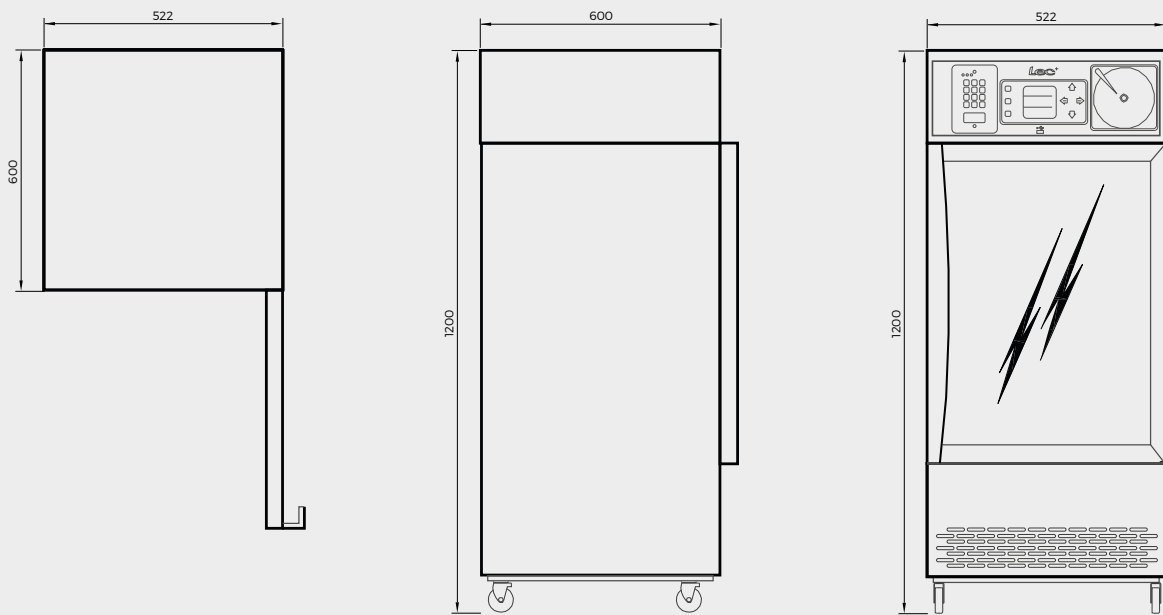


48 Bag

◆ BLOODBANK

BBK48GCT, BBK48SCT, BBK48GUC, BBK48SUC

Drawings not to scale

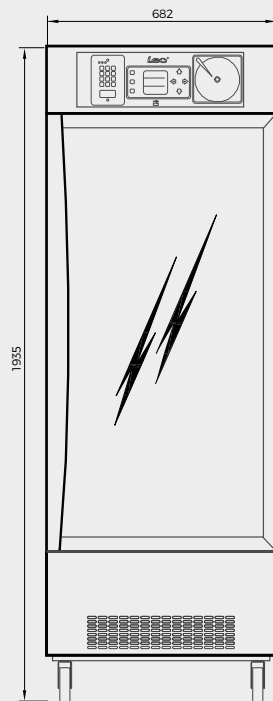
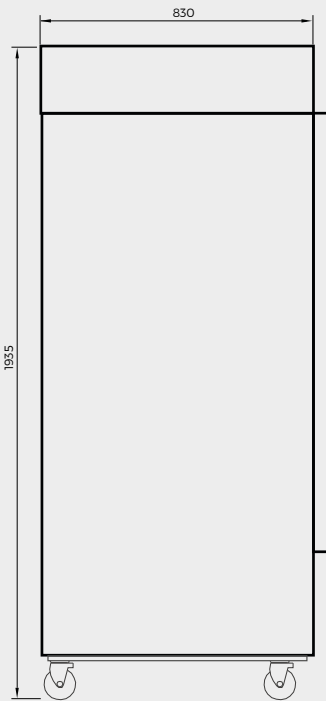
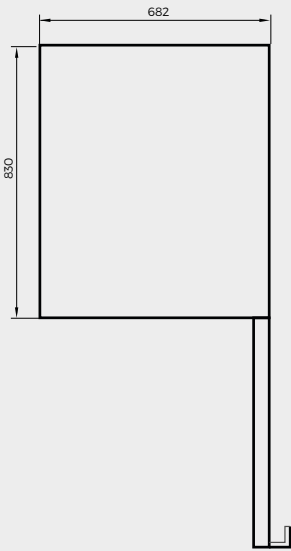


72 Bag


◆ BLOODBANK

BBK72C, BBK72S

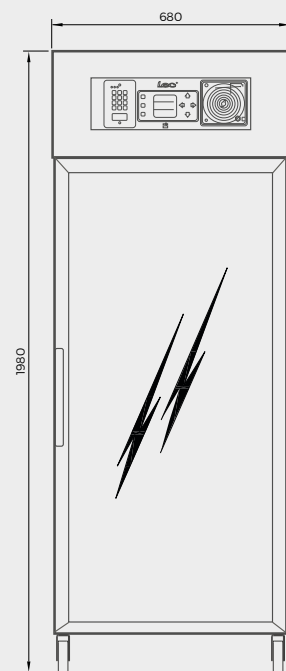
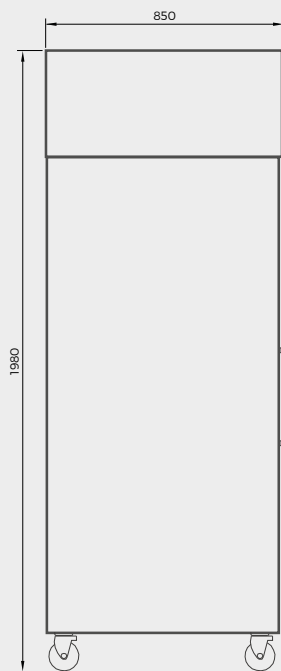
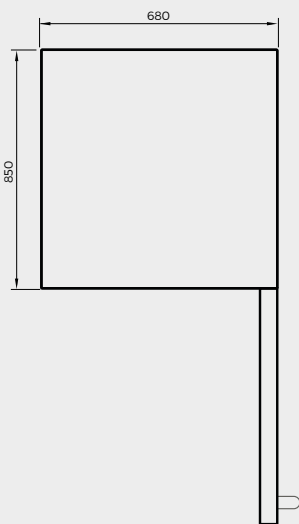
Drawings not to scale




360 Bag


BLOODBANK
 BBK360G, BBK360S

Drawings not to scale



432 Bag

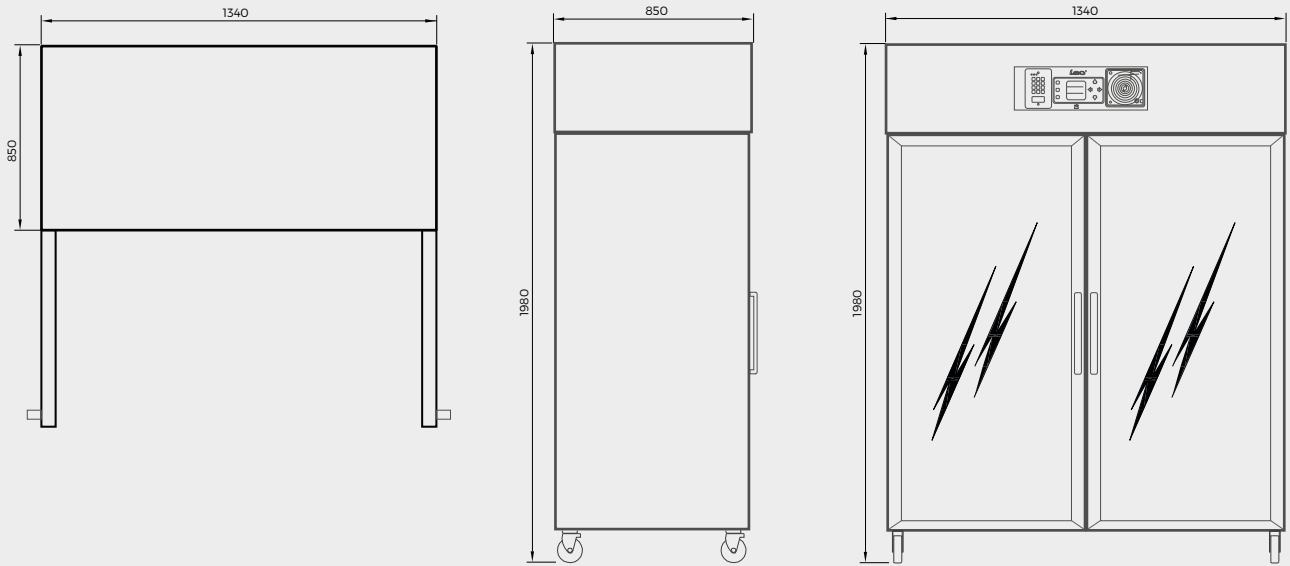

BLOODBANK
 BBK432G, BBK432S

Drawings not to scale

All of our spec details are available to download from our website

Model Information

Dimensions



864 Bag

● BLOODBANK
BBK864C, BBK864S

Drawings not to scale





The Experts in
Medical Refrigeration

Sales Enquiries:

email: sales@gdpa.co.uk
tel: 0344 815 3742
fax: 0344 815 3748

Spares and After Sales Service:

email: info@gdha.com
tel: 0344 815 3755
fax: 0344 815 3748

For all International (Non-UK) Enquiries:

email: sales@gdpa.co.uk

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Merseyside
L35 2XW

For any other information, please visit:
www.lec-medical.co.uk



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is part of the Glen Dimplex Group

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