

Laboratory Plus Bluetooth Enabled ATEX Freezer

312L Laboratory Plus Upright ATEX Freezer with Solid Door

Product code LFSR312BT-ATEX

SKU code 444411367



Key features

- ✓ Temperature range of -18°C to -25°C
- ✓ Audible and visual temperature alarms
- ✓ Air temperature probe
- ✓ Factory fitted 16mm porthole for secondary temperature monitoring probes
- ✓ Certified ATEX Zone 2 Freezer Cavity



Bluetooth Connected Controller

Our upgraded controller is Bluetooth enabled and allows for simple, contactless monitoring of temperature and alarm history, via the official Lec Medical app.

LEC Medical Smartphone App

Contactless local monitoring of air and load temperatures via our bespoke smart phone app. Downloadable temperature reports and alarm history.

ATEX Certified

With no fan or internal light and the temperature probe interfaced through an ATEX intrinsically safe barrier this allows the refrigerator cavity to be certified as ATEX Zone 2 Category.

Anti-Microbial Handle

Our handles have an anti-microbial powder coating which inhibits the growth of microbes to help prevent cross contamination.

Maximum Internal Storage

Removable deep trays for maximum storage.



Specification: 312L Laboratory Plus Upright ATEX Freezer with Solid Door

SKU Code	444411367
Product Code	LSFSF312BT-ATEX
Gross Capacity (litres)	312L
Net Capacity (litres)	290L
Unit External Width (mm)	595mm
Unit External Depth (mm)	600mm
Unit External Height (mm)	1925mm
Product Weight (kg)	75.4kg
Packed Width (mm)	640mm
Packed Depth (mm)	635mm
Packed Height (mm)	1995mm
Packed Weight (kg)	82.4kg
Country of Origin	UK
Internal Dimensions (mm) (WxDxH)	420mm x 455mm x 1710mm
Temperature Range	-18°C to -25°C
Colour	White/green
External Finish	Painted Steel
Internal Finish	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)
Door Finish	Painted Steel / HIPS*
Door Type	Solid
Door Style	Hinged, Reversible
Door Liner	Balcony
Number of Door Trays	N/A
Number of Door Tray Positions	N/A
Door Open Depth (mm)	1150mm
Replacement Door Seal	Yes
Open Door Sensor	Yes
Lock	Yes, 2 Keys
Adjustable Feet (number & position)	2 Adjustable (front)
Porthole	Yes
Porthole Size	16mm
Porthole Location	Rear Bottom (Right)
Temperature Display on Panel	Yes
Temperature Alarm	Yes
Remote Alarm Contacts	Yes
Audible Alarms	Yes
Visual Alarms	Yes
Number of Shelves/Drawers	8
Number of Shelf Positions	8
Shelf Size (mm) (WxDxH)	N/A
Shelf Size 2 (mm) (WxDxH)	N/A
Shelf Material	N/A
Drawer Size (mm) (WxDxH)	408mm x 405mm x 195mm
Drawer Size 2 (mm) (WxDxH)	408mm x 252mm x 210mm
Drawer Material	HIPS*
Number of Baskets	0
Basket Material	N/A
Basket Size (mm) (WxDxH)	N/A
Interior Light	No
Fan	No
ATEX Zone 2 Certified Refrigerator Cavity	Yes
Defrost setting	Auto (Off Cycle)
Controller Type	Digital BT, External
Bluetooth	Yes
Number of Probes	1
Probe Type	Air
Ambient Temperature Range	10°C to 32°C
Refrigerant Type	R600a/80g
UK 3 Pin Plug	Yes
Other Plug Types Available	No
Voltage Supply	220-240V
Frequency (Hz)	50Hz
Max Power (W)	130W
Max Current Rating (A)	0.35A
Energy Consumption (kWh/24h)	1.33kWh/24h
Energy Consumption AE (kWh)	485.45kWh
Noise Level (dB)	36.8dB
Insulation Thickness (mm)	85mm
Insulation Type	High Density Polyurethane Foam
Blowing Agent	Cyclopentane
Anti-Microbial Handle	Yes