

Laboratory Plus Bluetooth Enabled ATEX Freezer

98L Laboratory Plus Undercounter ATEX Freezer with Solid Door

Product code LSF98BT-ATEX

SKU code 4444*****



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.

Spark-free

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: 98L Laboratory Plus Undercounter ATEX Freezer with Solid Door

SKU Code	4444****
Product Code	LSFSF98BT-ATEX
Gross Capacity (litres)	98L
Net Capacity (litres)	84L
Unit External Width (mm)	595mm
Unit External Depth (mm)	600mm
Unit External Height (mm)	850mm
Product Weight (kg)	37.25kg
Packed Width (mm)	640mm
Packed Depth (mm)	660mm
Packed Height (mm)	910mm
Packed Weight (kg)	41.1kg
Country of Origin	UK
Internal Dimensions (mm) (WxDxH)	420mm x 450mm x 640mm
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 / Solid
Door Type	Solid
Door Style	Hinged, Reversible
Door Liner	Flat
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)	4 All adjustable
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	3
Number of Shelf Positions	3
Shelf Size (mm) (WxDxH)	410mm x 365mm x 4.1mm
Shelf Size 2 (mm) (WxDxH)	410mm x 230mm x 4.1mm
Shelf Material	Glass/HIPS
Drawer Size (mm) (WxDxH)	2@ 408mm x 405mm x 195mm
Drawer Size 2 (mm) (WxDxH)	1@ 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	Manual
Controller Type	Digital, External
Bluetooth	Yes
Number of Probes	1
Probe Type	Air
Ambient Temperature Range	10°C to 32°C
Refrigerant Type	R600a/58g
UK 3 Pin Plug	No
Other Plug Types Available	Yes
Voltage Supply	220-240V
Frequency (Hz)	50Hz
Max Power (W)	90W
Max Current Rating (A)	0.6A
Energy Consumption (kWh/24h)	0.56kWh/24h
Energy Consumption AE (kWh)	204.4kWh
Noise Level (dB)	41dB(A)
Insulation Thickness (mm)	85mm
Insulation Type	High Density Polyurethane Foam
Blowing Agent	Cyclopentane
Anti-Microbial Handle	Yes