30MED Medical Fridge (94 Litre) - Optional Temperature Data Logger

Product Images

Short Description

Made in the UK for safe and efficient refrigerated storage of drugs and vaccines. High / low temperature alarms and optional temperature data logging.

Description

This medical fridge is made in the UK to the highest standards and is designed for safe and efficient refrigerated storage of drugs and vaccines.

The 30MED model features high / low temperature alarms and optional data logging, for safe drug and vaccine storage. The exterior is white with a green lid section to highlight its purpose, and the door is fitted with an antimicrobial copper handle. The interior is 304 grade stainless steel (harder wearing than moulded plastic), with wire shelves to maintain airflow for even temperature distribution.

With the optional CX402 temperature data logger and CX Internet Gateway, you can get remote alert notifications of temperature excursions and automatically download data from loggers within range of the device.

Key Features: 30MED Medical Fridge

- Ideal for vaccine refrigerated storage
- 1ºC to 5ºC standard temperature range (can be altered to suit specific requirements)
- Fan-assisted interior for even temperature distribution
- Front vented and needs minimal airspace around it (20mm recommended above)
- Maintenance-free condenser & auto-defrost
- LED lighting and low-voltage fans for low energy consumption
- Digital temperature controller
- High / low temperature alarms
- Data logging facility optional
- Solid lockable door standard / glass lockable door optional
- Antimicrobial copper door handle
- Interior is 304 grade stainless steel (harder wearing than moulded plastic)
- Uses environmentally-friendly R600a hydrocarbon refrigerant.

Key Features: Optional CX402 Temperature Data Logger

- Easy-to-read display with current and daily min/max temperatures
- Audible and visual alarms
- Bluetooth transmission of data and alarm states
- Logger setup and download of data in seconds – without a PC or cable
- +/- 0.5ºC accuracy for reliable temperature readings
- Battery-powered to guard against local power loss
- Optional ISO 17025 compliant calibration (NIST included)
- Used in conjunction with the InTemp app, easily view data plus create & share secure PDF reports for streamlined reporting and regulatory compliance.

Additional Information

Country of Manufacture	United Kingdom

DIMENSIONS

Height	805 mm
Width	493 mm
Depth	550 mm
Capacity	94 litre

Weight 41 kg

OTHER OPTIONS (CONTACT US FOR A QUOTE FOR THESE)
• Glass lockable door
• Door left open alarm
• Castors (add 120mm to the overall height).

OPTIONAL TEMPERATURE DATA LOGGER
Full specifications for this data logger can be found in the User Manual found under the Resources tab.

Logger

Radio Power	1 mW (0 dBm)
Transmission Range	Approximately 30.5 m (100 ft) line-of-sight
Wireless Data Standard	Bluetooth Low Energy (Bluetooth Smart)
Logger Operating Range	-30° to 70°C (-22° to 158°F), 0 to 95% RH (non-condensing)
Logging Rate	1 second to 18 hours
Time Accuracy	±1 minute per month at 25°C (77°F)
Battery Type	Two AAA 1.5 V alkaline or lithium batteries, user-replaceable
Battery Life	1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the InTemp app, excessive report generation, numerous audible alarms, and paging all impact battery life.
Memory	128 KB (84,650 measurements, maximum)
Full Memory Download Time	Approximately 60 seconds; may take longer the farther the device is from the logger
LCD	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
Dimensions	9.4 x 4.5 x 2.59 cm (3.7 x 1.77 x 1.02 inches)
Weight	90.2 g (3.18 oz)
Environmental Rating	IP54
CE	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

External Temperature Probe

Range	-40° to 100°C (-40° to 212°F)
Accuracy	±0.5°C from -15° to 80°C (±0.9°F from 5° to 176°F) ±1.0°C from -40° to -15°C (±1.8°F from -40° to 5°F) ±0.7°C from 80° to 100°C (±1.3°F from 176° to 212°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)
Drift	<0.1°C (0.18°F) per year
Response Time	With 5 mL bottle: 10 minutes typical to 90% in air moving 1 m/s With 15 mL bottle: 20 minutes typical to 90% in air moving 1 m/s With 30 mL bottle: 25 minutes typical to 90% in air moving 1 m/s
Cable Length	2 or 4 meter (6.56 or 13.12 feet) flat ribbon cable

Ambient Temperature Sensor

Range	-30° to 70°C (-22° to 158°F)
Accuracy	±0.5°C from -15° to 70°C (±0.9°F from 5° to 158°F) ±1.0°C from -30° to -15°C (±1.8°F from -22° to 5°F)
Resolution	0.024°C at 25°C (0.04°F at 77°F)
Drift	<0.1°C (0.18°F) per year
Response Time	15 minutes typical to 90% in air moving 1 m/s

The "Explanation" label appears to the left of the above block. The "Ideal For" label corresponds to:

Ideal For	Professional
Brand	ACCUR8
New Typical Applications Filter	Life Sciences, Pharmaceutical, Vaccine Storage
Measurements (Industrial) Filter	Temperature

https://www.thermometerspecialist.co.uk/medical-fridge-a8-30med   19/05/2024

Additional Options

Optional Temperature Logger with 2m Probe & 5ml Glycol Bottle	InTemp Temperature Data Logger (SKU: CX402-T205)
Optional Remote Cloud-based Access to Your Data	InTemp CX Internet Gateway (SKU: CX5000)
CX Gateway Service Plan Subscription - required with CX Internet Gateway	CX Gateway Service Plan Subscription (1 Year)