



Sparkfree Fridge Freezers





LABCOLD™

medical & scientific refrigeration



RLFF13248 Sparkfree Fridge Freezer

Part Number	RLFF13248
Capacity refrigerator	271 litres
Capacity freezer	113 litres
Style	Freestanding
Exterior Dimensions (HxWxD)	2000 x 595 x 650mm
Weight	67.5kg
Energy consumption	0.88kWh/24hr
Operating temperature	Fridge +0°C to +10°C Freezer -18°C to -23°C
Interior construction	Moulded Plastic
Exterior construction	White Enamel
Door style	Solid
Door hinging	Right
Door alarm	✓ Refrigerator only
Shelves	5
Drawers	3
Feet	4
Digital thermometer with temperature display, high and low alarms and min/max recording	Optional
High Temperature Alarm	✓ Visual only and only for the refrigerator compartment
Defrost	Fridge - auto Freezer - manual
Low GWP refrigerant	✓
1 year UK parts and labour warranty	✓

This Labcold Sparkfree fridge freezer is engineered to store flammable materials safely with all potential sources of ignition, such as the thermostat removed from inside the compartments of both the fridge and the freezer.

Warning: Do not store open containers of volatile substances in this fridge freezer

Did you know that 25% of chemical accidents are caused by improper storage?

Source: US Chemical Safety and Laboratory Investigation Board



Featuring a door open alarm on the refrigerator compartment as standard, this fridge freezer can also be factory fitted with a Labcold digital thermometer which has a high and low alarm and records minimum and maximum temperatures. If you require door locks, these can also be fitted at time of order, simply use RLFF13248LK as the product code.

As you would expect, your sparkfree fridge freezer is backed by a comprehensive UK parts and labour warranty and as Labcold are an accredited UKAS temperature calibration laboratory #8898 we can take care of all your calibration needs as part of a general maintenance contract. Please ask for a quote when you place your order.

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RLFF13248LK Sparkfree Fridge Freezer



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Part Number	RLFF13248LK
Capacity refrigerator	271 litres
Capacity freezer	113 litres
Style	Freestanding
Exterior Dimensions (HxWxD)	2000 x 625 x 680mm
Weight	67.5kg
Energy consumption	0.88kWh/24hr
Operating temperature	Fridge +0°C to +10°C Freezer -18°C to -23°C
Interior construction	Moulded Plastic
Exterior construction	White Enamel
Door style	Solid
Door hinging	Right
Door alarm	✓ Refrigerator only
Shelves	5
Drawers	3
Feet	4
Door lock with 2 keys Refrigerator Freezer	✓ ✓
Digital thermometer with temperature display, high and low alarms and min/max recording	Optional
High Temperature Alarm	✓ Visual only and only for the refrigerator compartment
Defrost	Fridge - auto Freezer - manual
Low GWP refrigerant	✓
1 year UK parts and labour warranty	✓



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RLAA5003/-1 Fridge/Freezer Thermometer

This Labcold thermometer with audible and visual alarms and minimum and maximum temperature recording can be used on both refrigerators and freezers and is ideal for use as an independent digital thermometer for vaccine storage.

The clear LED display is encased in splashproof ABS to which has been added Biomaster antimicrobial technology. This uses the active ingredient of silver to bind to the cell wall to disrupt the bacteria's DNA which provides safe, effective and long-lasting protection against the growth of harmful bacteria.



The thermometer also has two sensors. Sensor one records the ambient temperature and records minimum and maximum temperatures plus high and low temperature alarms. Sensor 2 is at the end of a one metre waterproof cable and is for monitoring the internal temperature of your fridge and freezer. Naturally, like sensor one, minimum and maximum temperatures are recorded and stored and it will trigger alarms for high and low temperatures.

Part Number	RLAA5003-1 - freestanding RLAA5003 - fitted
Internal temperature sensor range	-19.9° C to 49.9° C
External temperature sensor range	-39.9° C to 49.9° C
Accuracy	±0.4° C
Dimensions (HxWxD)	96mm x 73mm x 29mm
Weight	165g
Probe length	1m
Construction	Splashproof ABS casing (IP54-rated) with Biomaster antibacterial additive
Free wall bracket	✓
Battery	2 x 1.5V AA
Battery life	25,000 hours (normal use, without alarm)
High/low temperature alarms	✓
Min/max recording	✓
Sensor type	Thermistor
Resolution	0.1°c
Cal check	✓
Optional UKAS calibration available from Labcold's UKAS temperature laboratory #8898	✓

The RLAA5003 can be factory fitted to the Labcold Sparkfree fridge/freezer by way of bespoke brackets. It can be fitted to both the RLFF13248 and RLFF13248/LK but needs to be specified at time of order.

The RLAA5003-1/RLAA5003 also features a CalCheck 0.0 °C (±0.1 °C) function that allows you to verify the accuracy of the thermometer at any time, giving confidence that measurements are accurate and Labcold's UKAS temperature laboratory #8898 can calibrate the thermometer and provide a certificate. Why not ask for more information when you place your order?

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