Spark Proof Refrigerator (+2°C to +10°C) Standard and Custom Models

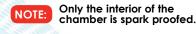
LABEC manufactures a **Spark Proof Refrigerator** which provides a chamber for safe storage of volatile material. The interior of the chambers are spark free and can be controlled within the temperature range of +2°C to +10°C.

On the standard models a moulded plastic liner makes cleaning easy after spillage. The control system is located on the top and controls temperatures with a sensitive temperature sensor. An alarm indicates if the temperature varies from the set point temperature.

For hazardous areas zoning, Zone 2 classification requires a fridge or freezer to be located 300mm above floor level. (AS/NZ60079.10:2004.) A stand is available for the spark proof chambers to raise the units 300mm to meet these requirements.

A hermetically sealed refrigeration system utilizing CFC-Free refrigerant provides controlled temperature conditions with all models using a digital temperature controller with Hi/Lo temperature memory. Power requirements for all models are 10AMP/240Volts and 50Hz power supply.

OPTIONS AVAILABLE - voltage fluctuation protection, additional shelving, lockable doors, BMS monitoring, Data Logging.



Standard features include:

- RCD/ELB (earth leakage breaker).
- Magnetic self closing door.
- Adjustable shelving.









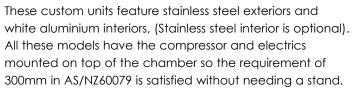
Laboratory Equipment Pty Ltd

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2016

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Custom Models:







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Standard Model Specifications:

Model	SPR-130 SPR-240		SPR-300			
Capacity (litres)	130	240	300			
Int. Dim. (cm) HxWxD	76 x 49 x 47	128 x 45 x 40	150 x 45 x 40			
Ext. Dim. (cm) HxWxD	83 x 60 x 60	150 x 55 x 56	207 x 60 x 64			
Temp. Controller	Digital Controller					
Temp. Min	2°C					
Temp. Max	10°C					
Temp. Setting Accuracy	+/-0.1°C					
Temp. Fluctuation	+/- 2.0°C					
Temp. Sensor	Sensistive Thermocouple/ Resistor					
Refrigerant	R134a (CFC Free)					
Interior Material	Molded Plastic Liner					
Exterior Material	Stainless Steel Powder Coated Steel					
Door Material	Solid Door					
Shelving	3	4	5			
Options	Additional Shelving, lockable doors					
Safety Features	Earth Leakage Beaker					
Power Supply	240V/ 10AMPS/ 50Hz					
Power (W) AMPS	400	400	600			
Weight (kgs)	24	39	85			

• Sizes can be customised to meet your needs, please see the following table specifications for custom models.

All above models require the stand to meet (AS/NZ60079.10:2004).
The stand is fixed to the chamber so it is safe and sturdy.



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SPECIFICATIONS

Spark Proof Refrigerator (+2°C to +10°C) Standard and Custom Models

Custom Model Specifications:

Model	SPR-100	SPR-240	SPR-300	SPR-450	SPR-1000		
Capacity (litres)	100	240	300	450	1000		
Int. Dim. (cm) HxWxD	66 x 49 x 47	128 x 45 x 40	150 x 45 x 40	158 x 51 x 58	160 x 95 x 65		
Ext. Dim. (cm) HxWxD	85 x 55 x 57	150 x 55 x 56	193 x 60 x 64	209 x 68 x 60	208 x 110 x 73		
Temp. Controller	Digital Controller						
Temp. Min	2°C						
Temp. Max	10°C						
Temp. Setting Accuracy	+/-0.1°C						
Temp. Fluctuation	+/- 2.0°C						
Temp. Sensor	Sensistive Thermocouple / Resistor						
Refrigerant	R134a (CFC Free) / R404a (CFC Free)						
Interior Material	Molded Plastic Liner / Aluminium / Stainless Steel						
Exterior Material	Powder Coated Steel / Stainless Steel						
Door Material	Solid Door / Glass Door						
Shelving	3	4	5	5	8		
Options	Additional Shelving, lockable doors						
Safety Features	Earth Leakage Beaker						
Power Supply	240V / 10AMPS / 50Hz						
Power (W) AMPS	400	400	600	600	800		
Weight (kgs)	24	39	85	106	195		

• These models are a guide only, sizes can be customised to meet your needs.

• When ordering please specify SD (Solid Door) or GD (Glass Door) after model number. eg: (SPR-100/GD).



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