

Spark Proof Refrigerator (+2°C to +10°C)

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.

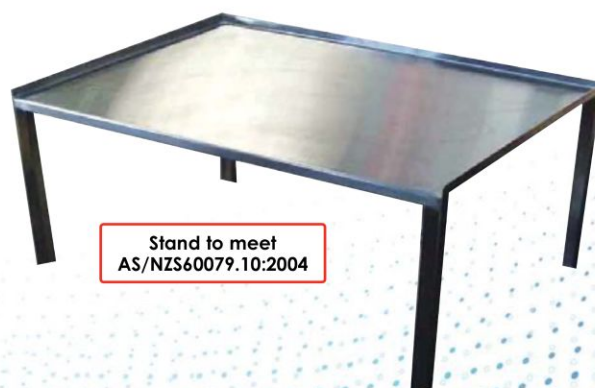
NOTE: Only the interior of the chamber is spark proofed.

Standard features include:

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



Standard Model SPR-130



Stand to meet
AS/NZS60079.10:2004

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Spark Proof Refrigerator (+2°C to +10°C)

Standard Model Specifications:

Model	SPR-130	SPR-240	SPR-374
Capacity (litres)	138	240	372
Ext. Dim. (cm)	w60*d65*h83	w55*d56*h145	w64*d60*h193
Temp. Controller	Digital Controller		
Temp. Min	2°C		
Temp. Max	10°C		
Temp. Setting Accuracy	+/-0.1°C		
Temp. Fluctuation	+/- 2.0°C		
Refrigerant	R600a (CFC Free)		
Interior Material	Easy Clean Moulded Plastic Liner		
Exterior Material	Stainless Steel	White Painted	
Door Material	Solid Door		
Shelving	3 + Base	4 + Base	7 + Base
Options	Additional Shelving, lockable doors		
Power Supply	240V / 10AMPS / 50Hz		
Energy Consumption (kWh/24h)	0.98	0.66	1.794
Weight (kgs)	36	60	88

- 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

Compliant with AS/NZS60079.14:2017 and AS1940:2017

Model	SPR-100T	SPR-450T	SPR-600T	SPR-1000T	SPR-1300T	SPR-1600T
Capacity (litres)	100	440	600	900	1300	1500
Ext. Dim. (cm)	w54*d57*h85	w60*d75*h197	w75*d80*h215	w120*d75*h195	w132*d80*h215	w180*d75*h197
Temp. Controller	Digital Controller					
Temp. Min	2°C					
Temp. Max	10°C					
Temp. Setting Accuracy	+/-0.1°C					
Temp. Fluctuation	+/- 2.0°C					
Refrigerant	R404a / R134a (CFC Free)					
Interior Material	Aluminium / Stainless Steel					
Exterior Material	Stainless Steel					
Door Material	Solid Door / Glass Door					
Shelving	3	4	4	8	8	12
Options	Additional Shelving, lockable doors					
Power Supply	240V / 10AMPS / 50Hz					
Energy Consumption (kWh/24h)	0.98	2.9	3.3	4.4	4.9	5.2
Weight (kgs)	40	96	120	135	175	180

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



Model SPR-100T/GD

LABEC SPARK PROOF REFRIGERATORS:

These spark proof refrigerators feature stainless steel construction and are designed to have the compressor and electrics mounted on top of the chamber so the requirement of 300mm in AS/NZS60079.14:2017 is satisfied without needing a stand.

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