

Laboratory Grade Automatic Defrost -20°C & -30°C Freezers 'P' Series

The Pinnacle purpose built laboratory refrigerators and freezers have been designed in Australia for the storage of precious samples, vaccines, kits and reagents. Ideal for laboratories and hospitals, they provide reliable temperature control and are easy to use.

Features:

- ✓ **TGA**
P Series freezers entered in the ARTG, 371770
- ✓ **Digital Temperature Controller**
- ✓ **Min-Max Temperature Logger**
- ✓ **Building Management System (BMS) Connection**
- ✓ **Fan Forced Cooling**
- ✓ **Inner Doors**
- ✓ **Internal Lighting**
- ✓ **Door Lock**
- ✓ **Warranty**
24 months parts and labour



Refrigeration - Your size, your way



Pinnacle Scientific Pharmacy Grade Freezers

Pinnacle Scientific has developed a purpose built range of fan forced laboratory freezers. Designed to have both a large storage capacity and refrigeration capacity, this is the premium range of Pinnacle Scientific Laboratory Freezers. The 'P' Series Freezers are best suited to universities, hospitals, pharmacies, vet clinics and clinical trial organisations that have a moderate to high turnover of product.

High Efficiency Insulation

Reduces running costs and improves internal conditions.

Automatic Defrost (Fan Forced)

The fan forced evaporator within the unit improves temperature uniformity and defrosts automatically for low maintenance.

Inner Doors

Minimises air loss during door openings, for superior temperature stability.

Door Switch

Stops the fan when the door opens and reduces temperature fluctuations.

Door Lock

To give product security.

Digital Controller

Digital controller with minimum and maximum temperature logging.

Castors

Lockable castors making moving the freezer easier.

Coated Wire Shelves

Open wire design to improve air circulation around product.

Cable Port Hole

For remote data loggers and probes.

Remote Alarm Contacts (BMS)

This feature is primarily used by facilities that are not staffed 24hrs a day. The normally closed set of contacts will open if there is a high temperature, alarm or power failure. Most often these alarm contacts can be hooked into the existing alarm system within the facility making it very cost effective.

Optional Features:

Guardian T Alarm Testing Facility with 7-day Chart Recorder

Records the temperature within the refrigerator and continually plots it on a 7-day rotating graph.

External Temperature Logger

The loggers are a standalone item to the unit controller that continuously logs the temperature within the cabinet.

Auto Dialler

For alarm notifications via SMS or phone call. Available in 4G and WIFI.

Additional Shelving

For maximum storage utilisation.

Uninterrupted Power Supply (UPS)

For continued power supply during black/brown outs.



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Technical Specifications

Model	PF-P-20-630-1-SD	PF-P-30-630-1-SD	PF-P-1150-2-SD
Storage capacity (litres)	630	630	1150
Set Temperature Point (°C)	Factory Setting -20°C (-10°C to -25°C)	Factory Setting -30°C (-20°C to -30°C)	Factory Setting -20°C (-10°C to -25°C)
Alarm Set Points (°C)	Low -10°C and High -30°C	Low -18°C and High -35°C	Low -10°C and High -30°C
Defrost	Automatic	Automatic	Automatic
Cooling	Fan-Forced	Fan-Forced	Fan-Forced
Door Switch	Yes	Yes	Yes
Ambient Operating Temperature (°C)	<32	<32	<32
Maximum Operating Humidity (%RH)	<60	<60	<60
TGA Listed	✓	✓	✓
Insulation	Cyclopentane	Cyclopentane	Cyclopentane
Amperage (Amps)	3	3.2	3.2
Refrigerant	R290	R290	R290
Voltage (V)	240	240	240
Frequency (Hz)	50	50	50
External Dimensions (mm WDH)*	790 x 825 x 1965	790 x 825 x 1965	1310 x 825 x 1965
Weight	125kg	125kg	165kg
Warranty Parts and Labour <i>(refer to full warranty conditions)</i>	24 Months	24 Months	24 Months
Warranty Parts Only <i>(refer to full warranty conditions)</i>	24 Months	24 Months	24 Months
Door Options	Solid Door Only	Solid Door Only	Solid Door Only
Door Hinge	Right Hand	Right Hand	N/A
Self-Closing Door(s)	Yes	Yes	Yes
Inner Doors	4	4	8 (4 per door)
Number of Shelves	5	5	10 (5 per door)
Controller	Digital with LCD display	Digital with LCD display	Digital with LCD display
Remote Alarm Contacts (BMS)	Yes	Yes	Yes
Hi/Lo Temperature Alarm	Yes	Yes	Yes
Door Open Alarm	Yes	Yes	Yes
Power Loss Alarm	BMS only	BMS only	BMS only
LED Lighting	Yes	Yes	Yes
Cable Port Hole	Yes	Yes	Yes
Door Lock and Keys	Yes	Yes	Yes
Casters	Yes	Yes	Yes

*Allowance for porthole plug (can be removed if necessary), add 10mm to cabinet width. Allowance for light switch (refrigerator only), add 10mm to cabinet width. Allowance for digital controller profile (5mm) and power cord (25mm), add total 30mm to cabinet depth.

Authorised distributor

In Australia:

For customer service, call 1300-735-292
To fax an order, use 1800-067-639
To email an order, ordersau@thermofisher.com

In New Zealand:

For customer service, call 0800-933-966
To fax an order, use 0800-329-246
To email an order, ordersnz@thermofisher.com