PHARMACY VACCINE REFRIGERATORS

Medical Devices Class I, ARTG 299070
Quality Care Pharmacy Standard, AS85000

ClassOne
Pharmacy Vaccine Refrigerators

ECONOMY PHARMACY REFRIGERATORS

(+5°C)

(Image: TEPR-440-1-GD)
ARTG, 299070

(Image: TEPR-740-2-GD)
ARTG, 299070

- Internal Forced Air Flow
- Digital Temperature Display with High and Low Temperature Alarms
- Max/Min Temperature Logging
- Internal LED Lighting
- Cable/Monitoring Port Hole
- BMS (voltage free connection for remote monitoring alarms)
- Self Closing Door with Key Lock
- Frost Free Operation
- Adjustable/Removable Shelves
- Door ajar alarm
- Pharmacy refrigerators are registered Medical Devices, Class I and are listed in the ARTG, 299070
- Pharmacy refrigerators comply to AS85000: Quality Care Pharmacy Standard

(Image: TEPR-145-1-GD)
ARTG, 299070

(Image: TEPR-200-1-GD)
ARTG, 299070

APPLICATIONS AND DESIGN FEATURES

Specially developed pharmacy and vaccine refrigerators suitable for retail pharmacies, medical centres, universities, hospitals and veterinary hospitals where pharmacy and/or vaccine products are required to be stored safely. Five larger Australian made premium models are also available up to 1500 litres in capacity for increased storage requirements. Temperature is precisely controlled electronically at +5°C in an ambient up to 32°C. The digital display incorporates high (+8°C) and low (+2°C) temperature alarms as well as a door ajar alarm, which emit visual and audible signals to notify the operator when an alarm has been activated. Connection to a building management system (BMS) is standard across all models.

Our Class I Medical Device refrigerators comply to Federal Legislation requiring all medical devices to be registered on the ARTG.

These pharmacy refrigerators tick every box with unbeatable reliability and accurate temperature control. All refrigerators are tested in-house in our state of the art testing rooms to ensure they conform to the toughest regulations required as a medical device.

Thermoline Pharmacy Refrigerators are registered Medical Devices, Class I and are listed in the ARTG, 299070.

The models TEPR-145 and TEPR-200 have a powder coated metal exterior, and powder coated aluminium interior. Larger Australian made models TEPR-440 and TEPR-740 have a grey Colorbond steel exterior and white interior complete with stainless steel floor. Insulation is high efficiency injected polyurethane foam. All models are standard with glass self-closing lockable doors. Glass doors enable the product to be viewed without loss of conditions inside the refrigerator. The TEPR-145 is now also available with a solid front door.

Optional Accessories
Additional shelving
Phone dialler
LTPC : Low temperature protective cut out.
USB Data Logger
TEPR-PRIV : Privacy glass door covers to suit TEPR-145 and TEPR-200 models

An additional mechanical low temperature protective cut-out (LTPC) can be fitted on request to prevent products inside the refrigerator from freezing (particularly important for the storage of vaccines). This independent device will turn off the refrigeration system should the control fail in the cooling mode. Although this feature is optional, it is highly recommended particularly when storing product that can be damaged if exposed to freezing.

Model	Internal Dimensions (WxDxH mm)	Capacity (litres)	External Dimensions (WxDxH mm)	Shelves	Electrical	Weight (kg)
TEPR-145-1-GD/SD*	520x430x620	145	600x600x800	4	1.2A	55
TEPR-200-1-GD*	450x430x1080	200	550x590x1590	4	2.2A	95
TEPR-440-1-GD	500x520x1300	440	650x750x2000	4	3.6A	130
TEPR-740-2-GD	850x550x1300	740	1000x750x2000	4 Levels	4.8A	170

All above economy models are available standard with glass door (GD).
*Solid door (SD) available on 145 litre model. Covers are available for 145 and 200 litre models.

PREMIUM PHARMACY REFRIGERATORS

(+5°C)

(Image: TPR-950-2-GD)
ARTG, 299070

(Image: TPR-520-1-GD)
ARTG, 299070

(Image: TPR-1150-3-GD)
ARTG, 299070

- Internal forced air flow
- Digital temperature display with high and low temperature alarms
- Maximum and minimum temperature logging
- Internal LED light on glass door cabinets
- BMS (voltage free connection for remote monitoring alarms)
- Cable/monitoring port hole
- Self closing doors with key locks
- Frost free operation
- Adjustable/removable shelves
- Castors fitted for easy moving
- Door ajar alarm
- Pharmacy refrigerators are registered Medical Devices, Class I and are listed in the ARTG, 299070
- Pharmacy refrigerators comply to AS85000: Quality Care Pharmacy Standard

APPLICATIONS AND DESIGN FEATURES

Five premium models of specialty pharmacy/vaccine refrigerators are available up to 1500 Litres to accommodate the requirements of retail pharmacies, medical centres, hospitals and universities where pharmacy/vaccine products are required to be stored safely.

Temperature is precisely controlled electronically at +5°C in an ambient up to 32°C. The digital display incorporates high (+8°C) and low (+2°C) temperature alarms as well as a door ajar alarm, which emit visual and audible signals to warn the operator of an alarm condition. Connection to a building management system (BMS) has been made easy on the premium range, as they are supplied standard with voltage free contacts to allow connection for remote monitoring of power loss, door ajar, low and high alarms.

*** Voltage free contacts allow connection for remote monitoring of power loss, low and high temperature alarms**

All premium models have a grey Colorbond steel exterior and white interior complete with stainless steel floor. Insulation is high efficiency injected polyurethane foam. All models are standard with glass self-closing lockable doors.

Optional Accessories
TCR-115 : Chart recorders
Additional shelving
Phone dialler
LTPC : Low temperature protective cut out

An additional mechanical low temperature protective cut-out (LTPC) can be fitted on request to prevent products inside the refrigerator from freezing (particularly important for the storage of vaccines). This independent device will turn off the refrigeration system should the control fail in the cooling mode. Although this feature is optional, it is highly recommended particularly when storing product that can be damaged if exposed to freezing.

SPECIFICATIONS

Model	Internal Dimensions (WxDxH mm)	Capacity (litres)	External Dimensions (WxDxH mm)	Shelves	Electrical	Weight (kg)
TPR-360-1-GD/SD*	590x560x990	360	740x720x1560	3	3.6A	150
TPR-520-1-GD/SD*	590x560x1460	520	740x720x2010	4	3.8A	160
TPR-750-2-GD/SD*	850x560x1460	750	1000x720x2010	4 levels	4.6A	200
TPR-950-2-GD/SD*	1080x560x1460	950	1230x720x2010	4 levels	4.8A	220
TPR-1150-3-GD/SD*	1320x560x1460	1150	1470x720x2010	4 levels	5.5A	250
TPR-1500-3-GD/SD*	1680x560x1460	1500	1830x720x2010	4 levels	5A	300

* Quote SD for solid door or GD for glass door when ordering

The EL-USB-1 data logger measures and stores up to 16,382 temperature readings from a temperature of -35°C to +80°C.

The user can easily set up the logging rate and start-time, and download the stored data by plugging the module straight into a PC's USB port. Temperature data can then be graphed, printed and exported to other applications.

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Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

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SEP. 2020

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