Single Door Pharmacy Refrigerator 316 L, 2-8°C Medical Refrigerator with Forced Air Cooling

Model **MSPR5-320SWISS** | Brand **Master Science**





The Master Science Single Door Pharmacy Refrigerator is made for the needs of pharmacies and labs that must keep vaccines, drugs, reagents and specimens at a steady 2-8°C. Optional ranges of 2-10°C and 2-14°C are also available, and the 316 L cabinet is fitted with five adjustable shelves behind a glass door.

KEY HIGHLIGHTS

- Even temperature
- Frost-free interior
- Fast recovery
- Flexible storage

AT A GLANCE

2-8°C (optional 2-10°C or 2-14°C) at ambient 10-32°C
TEMPERATURE RANGE

316 L
CAPACITY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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www.themsci.com

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Overview

Forced-air cooling with a finned evaporator spreads cold air evenly and keeps the interior frost-free, while auto defrost, an LED interior light and a microprocessor controller with 0.1°C setting steps make daily use simple.

> For deep-cold storage alongside it, see our -25°C Upright Freezer, 100 L, a useful partner to the Single Door Pharmacy Refrigerator.

Overview

- Forced-air cooling with optimised air distribution
- Finned evaporator, frost-free interior
- Auto defrost
- Quick temperature recovery
- Permanently lubricated cooling fan

Key Benefits

Even temperature
Forced-air circulation with an optimised air path keeps every shelf at a uniform temperature.

Frost-free interior
The finned evaporator and auto defrost prevent ice build-up.

Fast recovery
The refrigeration system brings the cabinet back to temperature quickly after door openings.

Flexible storage
Five shelves with adjustable height suit packages of different sizes.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSPR5-320SWISS
SKU	MSPR5-320SWISS
Capacity	**316 L**
Temperature Range	**2-8°C (optional 2-10°C or 2-14°C) at ambient 10-32°C**
Cooling Method	Forced-air cooling
Sensor	NTC
Controller	Microprocessor
Refrigerant	R290 (CFC-free)
Defrost	Auto
Compressor	1
Alarms	High/low temperature, door ajar, sensor error, power failure
Interior / Exterior Material	Powder-coated steel
Casters / Remote Alarm Port	Standard
Test Hole	1 x 25 mm
Shelves	5
Noise	50 dB
Display	Digital display

DIMENSIONS & WEIGHT

Internal Dimensions (W x D x H)	540 x 425 x 1380 mm
External Dimensions (W x D x H)	640 x 554 x 1925 mm
Net / Gross Weight	101 / 112 kg
Shipping Dimensions (W x D x H)	715 x 680 x 2030 mm

POWER

Power Failure Alarm Backup	8 h
Power Supply	AC 110/220 V ±10%, 50/60 Hz
Power Consumption	286 W

COMMON COLD-STORAGE ISSUES IT ADDRESSES	
Warm and cold spots between shelves	Forced-air circulation keeps the temperature uniform.
Ice build-up in the cabinet	Frost-free design with auto defrost.
Door left ajar	A door ajar alarm and safety lock reduce the risk.
Unnoticed power failures	An 8-hour backed-up power failure alarm alerts staff.

Applications

The Single Door Pharmacy Refrigerator is used to store
Vaccines and drugs in pharmacies Medicines in hospital wards and clinics Laboratory reagents Specimens that need 2-8°C storage

Control and Display

- Microprocessor control with 0.1°C increments
- Digital temperature display
- Adjustable range 2-8°C; optional 2-10°C or 2-14°C

Safety and Convenience

- Audible buzzer and flashing light alarms
- Alarms for high/low temperature, sensor error, door ajar and power failure
- Safety door lock
- LED interior light
- Five adjustable shelves
- Casters and levelling feet
- Remote alarm port

Standard Accessories Included

- 5 adjustable shelves
- Casters and levelling feet
- Remote alarm port

Optional Accessories

- USB port
- Temperature data logger
- 2-10°C or 2-14°C temperature range