MPR Pharmaceutical Refrigerators offer a complete solution for the most demanding requirements for storage of pharmaceuticals, medicines, vaccines, and other temperature-sensitive applications.

MPR-S150H | MPR-S300H

Uniform storage temperature for the most demanding applications

Natural Refrigerants and Inverter Technology

Hydrocarbon (HC) refrigerants have minimal effect on the environment and are compliant with environmental legislation for climate control. Combined with inverter technology, these refrigerants also provide more efficient cooling without compromising cooling performance, ambient tolerance and recovery time following door openings.

OLED Control Panel

The microprocessor controller and OLED display have good visibility and intuitive operation. Control buttons allow convenient but secure user control. Refrigerator temperature can be displayed in 0.1°C increments. Minimum/maximum temperatures are automatically displayed every 12/24 hours. All alarm conditions are displayed and recorded.

User-friendly Design

The ergonomic design of the MPR Pharmaceutical Refrigerators provides a clear view of stored items through the large glass door. The slim, hassle-free sliding glass door allows for easy retrieval of products, without the concern for swinging door clearance. Users can prevent unauthorized access by utilizing the keylock on the door.

Energy-efficient performance

Natural refrigerants, compressors and integrated electronics combine to achieve facility sustainability objectives by minimising any environmental impact without compromising cooling performance, ambient tolerance and recovery time following door openings.

Safe & Secure storage

Adjustable audible and visual alarms are standard, along with integrated system diagnostics and predictive performance supervision. The password-protected control panel provides security and minimises risk of accidental changes. If desired, alarm and operating history can be uploaded through the USB port.

Enhanced sliding glass door

The sliding glass door is meticulously designed to increase energy efficiency and safeguards stored items against heat transfer through the window. The thermal glass door is constructed from a double glass pane where argon gas is used to fill the 12 mm gap. Together with the air vents near the sliding glass door rail, it prevents the formation of moisture.

MPR-S150H MPR-S300H

MPR Pharmaceutical Refrigerators with Natural Refrigerants

+2°C to +14°C

165 L / 345 L
Pharmaceutical Refrigerators with Natural Refrigerants

Defrost Methods
Both models feature automatic defrost which activates electronically when needed. The refrigerator evaporator operates above freezing at all times. This prevents vaccines and lab supplies from freezing.

LED Interior Light
The LED interior light automatically turns on/off in conjunction with the door opening/closing. It can also be controlled from the control panel.

Available options

![Shading glass door](image)

**Dimensions**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>MPR-S300H-PK</th>
<th>MPR-S300H-PAMPR-S150H-PE</th>
<th>MPR-S300H-PE</th>
</tr>
</thead>
<tbody>
<tr>
<td>External dimensions [W x D x H]</td>
<td>mm</td>
<td>800 x 500 x 1120</td>
<td>800 x 500 x 1820</td>
</tr>
<tr>
<td>Internal dimensions [W x D x H]</td>
<td>mm</td>
<td>720 x 360 x 725</td>
<td>720 x 360 x 1425</td>
</tr>
<tr>
<td>Volume litres</td>
<td></td>
<td>165</td>
<td>345</td>
</tr>
<tr>
<td>Net weight kg</td>
<td>73</td>
<td>105</td>
<td>106</td>
</tr>
</tbody>
</table>

**Performance**

- Temperature control range: °C
- 2 to 14

**Control**

- Controller: Microprocessor with non-volatile memory
- Display: Digital [White graphic OLED]°C [Increment of 0.1]
- Temperature sensor: Thermistor

**Refrigeration**

- Cooling method: Fan forced air circulation
- Defrost method: Cyclical defrost + forced defrost
- Refrigerant: HC refrigerant
- Insulation: PUF (Rigid polyurethane foamed insulation)

**Construction**

- Exterior material: Painted Steel
- Interior material: Painted Steel
- Shelving: 3 coated steel wires / 6 coated steel wires
- Dimensions: mm<br>MPR-S30-PW: 720 x 360 x 725<br>MPR-S7-PW: 720 x 360 x 1425
- Max. load - per shelf kg: 20
- Accessory: Casters qty 4 (2 leveling feet)
- Exterior light: LED

**Accessories**

- Key: set x 1

**Alarm**

- V: Visual Alarm, B: Buzzer Alarm, M: Message, R: Remote Alarm

**Electrical and Noise Level**

- Power supply V / Hz<br>PE: 220, 230, 240/50 PK: 200/60<br>AP: 38
- Noise level (A): dB (A)

**Options**

- Temperature chart recorders<br>- Circular type chart recorders<br>- Circular type chart recorders<br>- Circular type chart recorders
- Chart paper: RP-04-PW, RP-06-PW, RP-08-PW, RP-10-PW
- Circular type chart recorders<br>- Circular type chart recorders<br>- Circular type chart recorders
- Ink pen: PG-10-PW, PG-15-PW, PG-20-PW
- Recorder housing: MPR-57-PW, MPR-48-PW
-环氧乙烷灭菌记录仪:MTR-480-PW, MTR-482-PW, MTR-484-PW
-義務品: MTR-480-PW, MTR-482-PW, MTR-484-PW

**Optional Communication Systems**

- Digital interface [RS232C/RS485]: MTR-480-PW, MTR-482-PW, MTR-484-PW
- Ethernet interface [LAN]: MTR-480-PW, MTR-482-PW, MTR-484-PW

**Quality Management System**

- Certification: ISO9001

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**Preservation Equipment, Experimental Environment Equipment, Dispensary Equipment, Culturing Equipment and Drying & Sterilising Equipment for General Laboratory use**
The management of the design, development, production and servicing of the above.

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