

MPR Sliding Door Pharmaceutical Refrigerators

+2°C to +14°C

554 L | 550 L



MPR-S500H-PE



Uniform storage temperature for a broad range of applications

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

Environmentally Friendly Storage Solution

Naturally occurring hydro-carbon [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 performance.

OLED Control Panel

The OLED panel has good visibility and intuitive operation. It displays detailed temperatures with increment of 0.1°C, alarm conditions and minimal and maximal temperature for every 12/24 hours. The USB port and data log functions simplifies temperature data management.

User-friendly Design

The ergonomic design provides a clear view of stored items through the large framed windows. The slim profile allows easy retrieval, and the self-closing sliding doors makes them ideal for limited spaces.



Stable Temperatures

Inverter compressors provide optimum stability, while quality of design ensures reliability. Ideal for samples that are sensitive to temperature fluctuations. HC refrigerant consumes about 85% less energy than conventional models.



Safe & Secure storage

Adjustable audible and visual alarms are standard, along with integrated system diagnostics and predictive performance. 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.



Well-insulated chamber

Double glass separated by an extra wide 12 mm gap contains argon gas to protect samples from exterior heat. Combined with air blowing up from the chamber bottom, the unit completely safeguards samples and maximises energy efficiency.

MPR Sliding Door Pharmaceutical Refrigerators



MPR-S500RH-PE

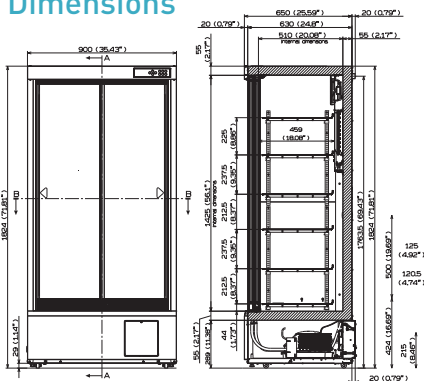
LED Interior Light

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

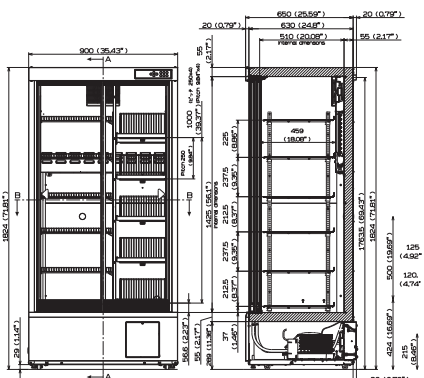
Defrost Methods

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

Dimensions



MPR-S500H-PE



MPR-S500RH-PE

Model Number		MPR-S500H-PE	MPR-S500RH-PE
External Dimensions (W x D x H) ¹⁾	mm	900 x 650 x 1824	
Internal Dimensions (W x D x H)	mm	800 x 510 x 1425	
Volume	litres	554	550
Net Weight (approx)	kg	140	146
Performance			
Temperature control range ²⁾	°C	+2 to +14	
Control			
Controller		Microprocessor with non-volatile memory	
Display		Digital (White graphic OLED), 1°C (increment of 0.1)	
Temperature sensor		Thermistor	
Refrigeration			
Cooling Method		Forced air circulation	
Defrost method		Cyclical defrost + forced defrost	
Refrigerant		R600a (HC refrigerant)	
Insulation material		PUF	
Construction			
Exterior Material		Painted Steel	
Interior Material		Painted Steel	
Outer Doors	qty	2 (Highly insulated double glass door with tempered glass)	
Outer Door Lock		Y	
Shelves	qty	6 wire shelves, coated steel	6
Dimension	mm	W781 mm x D420 mm	W430 mm x D420 mm
Max. load - per shelf	kg	50	20
Drawer Rack		-	5
Dimensions		W263 mm x D352 mm	
Max.load per drawer		20 kg	
Access Port	qty	2	
Access Port Position		Back	
Access Port Diameter	Ø mm	30	
Casters	qty	4 [2 levelling feet]	
Interior light		LED	
Accessories			
Key	set	x 1	
Alarms (R = Remote Alarm, V = Visual Alarm, B = Buzzer Alarm)			
Power Failure ³⁾		R ³⁾	
High Temperature		V-B-M-R	
Low Temperature		V-B-M-R	
Door open		V-B-M	
Electrical and Noise Level			
Power Supply	V	230/50Hz	
Noise Level ⁴⁾	dB [A]	42	
Options			
Temperature chart recorder		MTR-0621LH-PE	
- Chart paper		RP-06-PW	
- Recorder housing		MPR-S30-PW	
Circular type chart recorders		MTR-G04A-PE	
- Chart paper		RP-G04-PW	
- Ink pen		PG-R-PW	
- Recorder housing		MPR-S7-PW	
Battery kit for power failure alarm		MPR-48B2-PW (V-B) ³⁾	
Door window blanking plates		MPR-S50BP-PW ⁵⁾	

Appearance and specifications are subject to change without notice.

PUF = Rigid polyurethane foamed insulation

⁴⁾ Nominal value - Background noise 20dB [A]

⁵⁾ Door window blanking plates consists of 2 pieces.

¹⁾ Exterior dimensions of main cabinet only, excluding external projections - See dimensions drawings on website for full details.

²⁾ Air temperature measured at refrigeration compartment centre and freezer compartment centre, ambient temperature +30°C, no load.

³⁾ Remote alarm includes optional power failure alarm MPR-48B2-PW (V, B, M, R alarm).



PHC Europe B.V.
Nijverheidsweg 120 | 4879 AZ Etten-Leur | Netherlands
T: +31 (0) 76 543 3839 | F: +31 (0) 76 541 3732
www.phchd.com/eu/biomedical