





# Pharmaceutical Refrigerators

We offer an integrated solution for precise storage temperatures, which are necessary for pharmaceuticals, medicines, vaccines and other temperature-sensitive samples.

## Ergonomic Design

The ergonomic design of the MPR series refrigerators provides a clear view of stored items through the large framed windows. The slim profile allows for easy retrieval of all the products.

## Safety

Audible and flashing LED visual alarms alert you to the unlikely event of either a high or low temperature condition. If the inside temperature rises abnormally, an over-shooting prevention circuit automatically switches off the fan motor or heater.

## Effective Temperature Control

A thermistor sensor monitors temperature inside the chamber. The microprocessor and the electronic temperature controls ensure that

the set temperature is maintained. Even with frequent door openings, the circulation fan provides rapid temperature adjustment for a highly reliable, stable preservation environment unaffected by ambient temperature.

## Cabinet Construction

Due to the space saving design, less installation space is required. Two double-paned sliding glass doors seal tightly to maintain uniformity.

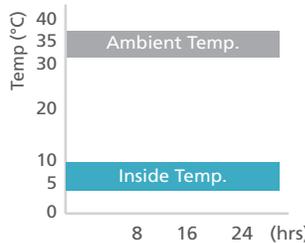
Rigid polyurethane foam insulation construction acts to keep cold air inside the unit and effectively protects against the intrusion of warm air.

Chemical resistant stainless steel interior surfaces of the cabinet ensure long-lasting service for many years of use.

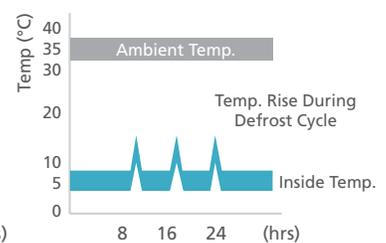
## Cycle Defrost System

Defrosting is performed automatically during compressor "off" cycles by sensing frost levels. This way defrosting is performed only when required, further protecting the contents against unnecessary temperature rise. The defrosting heater also acts as an emergency heat source to prevent samples from freezing in extremely low ambient temperature conditions (below 0°C).

PHCbi Cycle Defrost



Conventional Refrigerator



(Set temp 5°C at 23°C ambient no load actual power consumption may vary depending on load, ambient and set temp)

MODEL	MPR-1014-PA
TEMPERATURE RANGE	2°C to 14°C
EXTERIOR DIMENSIONS (W X F-B X H)	70.9" x 23.6" x 70.5" 1800 x 600 x 1790 mm
INTERIOR DIMENSIONS (W X F-B X H)	66.9" x 18.3" x 51.2" 1700 x 465 x 1300 mm
EFFECTIVE CAPACITY	36.5 cu.ft. (1033 liters)
WIRE SHELVES	Adjustable
OUTER DOORS	2 Sliding doors. Double paned glass window with heat reflection film.
SHELVES & SLIDING RACKS	10 Polyester-coated wire shelves (Load: 110 lbs. per shelf)
COOLING METHOD	Forced cool air circulation
INTERNAL LIGHTING	Fluorescent
DEFROSTING	Fully Automatic Cycle Defrost
POWER REQUIREMENTS	115V/60 Hz/6.43 kWh/day, NEMA 5-15P Plug
NET WEIGHT	542 lbs. (246 kg.)

MODEL	MPR-1014R-PA
TEMPERATURE RANGE	2°C to 14°C
EXTERIOR DIMENSIONS (W X F-B X H)	70.9" x 23.6" x 70.5" 1800 x 600 x 1790 mm
INTERIOR DIMENSIONS (W X F-B X H)	66.9" x 18.3" x 51.2" 1700 x 465 x 1300 mm
EFFECTIVE CAPACITY	36.3 cu.ft. (1029 liters)
WIRE SHELVES	½ Adjustable, ½ Roll-out
OUTER DOORS	2 Sliding doors. Double paned glass window with heat reflection film.
SHELVES & SLIDING RACKS	5 Polyester-coated shelves and 10 polyester-coated sliding racks (Load: 110 lbs. per shelf and 44 lbs. per rack)
COOLING METHOD	Forced cool air circulation
INTERNAL LIGHTING	Fluorescent
DEFROSTING	Fully Automatic Cycle Defrost
POWER REQUIREMENTS	115V/60 Hz/6.43 kWh/day, NEMA 5-15P Plug
NET WEIGHT	569 lbs. (258 kg.)



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Specifications are subject to change without notice. For latest specification information contact PHC Corporation of North America at [info@us.phchd.com](mailto:info@us.phchd.com). Performance data herein is based on independent testing at time of publication.

