

Preservation
above-zero



MPR-215F

Refrigerator Temperature

+2°C to +14°C

Freezer Temperature

-20°C to -30°C

Effective Capacity

Refrigerator:

Freezer:

176L/6.2cu.ft. **39L/1.4cu.ft.** (MPR-215F)

340L/12.0cu.ft. **82L/2.9cu.ft.** (MPR-414F/FS)

Pharmaceutical Refrigerator features a built-in Freezer

- One unit with dual temperature zone
- Superior cooling performance
- Quiet operation
- Various alarm and safety devices

MPR-215F

Features

Safe Storage

- Microprocessor control system provides accurate temperature.
- Fan-forced air circulation system (refrigerator) offers fast recovery of temperature and better uniformity.
- Unique cycle defrost system prevents temperature rising by shorter defrost cycles which activate after each compressor cycle.
- Various safety systems such as high/low temperature audible and visual alarms, remote alarm, door ajar alarm and keyed door locks.

Usability

- One unit with dual temperature zone needs only minimal installation space.
- Four-door design reduces air loss during door opening and makes efficient use of space in front of unit.
- Triple-pane or double-pane (MPR-215F) windows with heat reflection film reduce condensation.
- Zero adjustment through control panel and optional recorder provide easier validation service.

Quiet Operation

- Two specially designed compressors offer quiet operation.

Specifications

Model No.	MPR-215F	
	Refrigerator	Freezer
External dimensions (W x D x H)	540 x 557 x (45)* x 1794 (mm) 21.3 x 21.9 x (1.8)* x 70.6 (inch) *projection	
Internal dimensions (W x D x H)	455 x 466 x 917 (mm) 17.9 x 18.3 x 36.1 (inch)	420 x 342 x 267 (mm) 16.5 x 13.5 x 10.5 (inch)
Effective capacity	176L (6.2 cu.ft.)	39L (1.4 cu.ft.)
Net weight (Approx.)	86kg (190 lbs.)	
Exterior	Galvanised steel with baked on finish	
Interior	Styrene resin	Colored aluminum plate
Insulation	Rigid polyurethane foamed in place	
Temperature range	+2°C to +14°C (Ambient temp. : 30°C)	-20°C to -30°C (Ambient temp. : 30°C)
Temperature control	Microprocessor control	
Cooling method	Fan-forced air circulation	Direct cooling
Compressor	55W	55W
Refrigerant	HFC	
Shelves (max. load)	3 (20kg/shelf)	1 (10kg/shelf)
Access port	ø 30mm (left)	ø 30mm (left)
Casters	4 casters with 2 adjustable leveling feet	
Alarm and safety	High/low temperature alarm, Door ajar alarm, Memory back-up during power failure Self diagnostics, Remote alarm contact (DC30V, 2A), Door key lock	
Options	2-pen type circular recorder: MTR-G3504, Mounting kit: MPR-S7-PW Recorder for freezer: MTR-4015LH-PE, Mounting kit: MPR-S30-PW Recorder for refrigerator: MTR-0621LH-PE Drawers for the bottom left compartment: MPR-41R (MPR-414F/FS only) Panasonic DAQ System: MTR-5000-PW, MTR-480-PW/MTR-L03-PW	

Voltage specification by destination

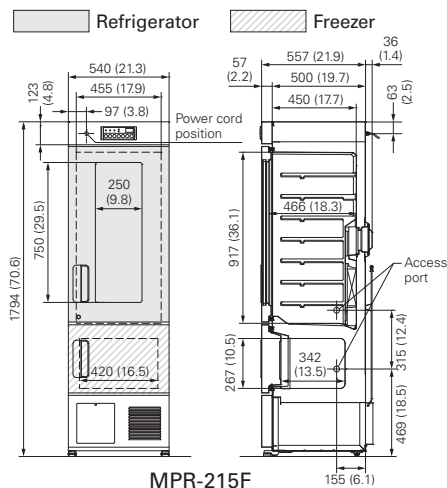
Representative destination	Voltage/Hz	Model
Europe	230V, 50Hz (CE)	MPR-215F-PE
Korea	220V, 60Hz	MPR-215F-PK
Thailand	220V, 50Hz	MPR-215F-PB
Taiwan	110V/220V, 60Hz	MPR-215F-PT

*Cooling performance is indicated by the temperature reached at the center of the freezer (at ambient temperature of 30°C with no load). In order to use the freezer at a stable temperature for a long time, it is recommended that the temperature be set to at least 5°C higher than the indicated lowest temperature. In addition, depending on the usage conditions, it may not be possible to reach the indicated lowest temperature.

Caution: Panasonic guarantees the product under certain warranty conditions. Panasonic in no way shall be responsible for any loss of content or damage to content.
• Appearance and specifications are subject to change without notice.

Dimensions

Unit: mm (inch)



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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PHC Corporation, Biomedical Division is certified for:
Environmental management system: ISO14001

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