

Biomedical Refrigerator with Freezer Combination

SANYO

A member of the Panasonic Group

MPR-715F



**MPR Series
Biomedical
Refrigerator
with Freezer**



Features:

- Energy-saving storage solutions for uniformity, reliability and environmentally safe operation.
- SANYO designed refrigeration systems designed for precise and stable vaccine and biologics storage.

www.sanyobiomedical.com

My Life. My Work. My Choice.

Biomedical Refrigerator with Freezer Combination

SANYO MPR Series pharmaceutical refrigerators with freezer combine high performance refrigeration, control and alarm/monitoring systems with energy efficient, cost-effective cabinet design. One unit with dual temperature zone needs only minimal space. The two door design reduces air loss during door openings.

Biomedical Refrigerator with Freezer Combination

Model Number	Refrigerator Volume (cu.ft.) (415 L)	Freezer Volume (cu.ft.) (176 L)	Exterior Dimensions (w x f-b x h) 35.4" x 28.1" x 75.2" 900 x 715 x 1910 mm	Temperature Range (forced air) 2°C to 14°C	Temperature Range (cold air) -20°C to -30°C	Voltage, Power Connection 115V NEMA 5-15
MPR-715F	14.7 415 L	6.2 176 L	35.4" x 28.1" x 75.2" 900 x 715 x 1910 mm	2°C to 14°C	-20°C to -30°C	115V NEMA 5-15

Designed for storage of vaccines and pharmaceuticals in the hospital, laboratory or medical office.

MPR-715F

Validated Storage of Reagents, Pharmaceuticals and Biological Samples:

- NEW energy saving LED lighting.
- Microprocessor controller and interior forced air circulation.
- Safe and secured storage behind a keyed locking door.
- Integrated alarm functions.
- One unit with dual temperature zone needs only minimal installation space.
- Four-door design reduces air loss during door openings.
- Double-pane windows with heat reflection film reduces the condensation.
- Calibration adjustment through the control panel is available.
- The MPR series combo units have two separate specially designed compressors and offers quiet operation.

Shown below: MPR-715F with storage bins (optional)



Application Specific Performance

Superior uniformity for precise and stable temperature control and monitoring of your vaccines, reagents and other biologicals.

SANYO Cycle Defrost

Unique cycle defrost (refrigerator only) initiates only as required; maintains internal temperature uniformity during cycle defrost. Freezer is manual defrost.

SANYO-Designed Refrigeration

SANYO-designed compressors allow differential control of individual refrigerator and freezer compartments.

Validatable Storage

Laboratory-grade integrated systems are designed to assure stored product safety.

Microprocessor Controls & Alarms

Comprehensive setpoint, alarm, monitoring and diagnostic functions based on SANYO-built microprocessor controller with digital display of all input/output functions.

Applications

Restriction enzyme and reagent preservation

-20°C



Biological Sample Preservation

-30°C



Fresh frozen human blood plasma and vaccine preservation

-30°C



Key Advantages of SANYO

Application Specific Refrigeration

- Digital temperature sensors inside the refrigerator and controllers built specifically to maintain a set temperature within the 2°C to 8°C temperature range
- Evaporator operates at 2°C, therefore preventing vaccines from freezing
- Alarms and temperature monitoring for quick notification of adverse operating conditions
- Fan-forced air circulation for precise temperature uniformity
- Efficient temperature recovery properties. Minimal temperature fluctuations around set points

Alarm & Safety Functions

	MPR-715F
Temperature Alarm	Yes
Overheating Protection	Yes
Memory Back-up Function	Yes
Door Ajar	Yes
Self-diagnostic function	Yes
Key Lock Switch	Yes

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AU201108V1

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