



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO MPR-1410. You'll find the answers to all your questions on the SANYO MPR-1410 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SANYO MPR-1410
User guide SANYO MPR-1410
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Think GAIA
For Life and the Earth

SANYO

**Application Specific Preservation,
Vaccine Storage**

SR-L6111W, SF-L6111W
MPR-1410/1410R
MPR-721/721R
MPR-214F, MPR-414F



Ideally suited for vaccine storage in clinics, hospitals, retail pharmacies and laboratories. Size range includes compact undercounter freezers and refrigerators to large capacity combination units in upright configurations. SANYO provides purpose-built equipment to meet your requirements of precise and stable temperature control and monitoring of your vaccine supply.

Model: SR-L6111W & MPR-414F



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Manual abstract:

2x21.9x70.4(inch) · Strict loading requirements 31.5x23.6x71.0 (inch) can be 21.2x21.9x7 WxDxH WxDxH Effective 176 liters (6.2 cu.ft.) · No alarms (1.4 cu.ft.) 39 liters 340 liters (12.0 cu.

ft.) capacity 82 liters (2.9 cu.ft.) 176 liters (6 Effective vials are particularly high when multi dose capacity used and where there 80 kg Weight 80 kg 414F: 126 kg / 414FS: 119 kg Weight is poor stock and clinic management.

WHO and UNICEF have Exterior Polyester resin finish baked on zinc galvanized steel Exterior estimated that vaccine wastage rates in developing countries Application Specific Preservation aluminium plate resin Styrol Interior Styrol resin Colored aluminium plate Stainless steel Colored can reach as high as 50% Interior for specific vaccines such as the 10Insulation CFC-free selection of foamed in place Insulation SANYO offers arigid polyurethane Pharmaceutical Refrigerators 20 dose lyophilised vaccines. According to the CDC, improper 2 to 14°C 2 to 14°C -20 to -30°C 2 to 14°C Temperature range -30°C -20 to Temperature range that storage is the most common vaccine delivery problem theytemp. : 35°C and Freezer temp. : include significant design and performance Ambient tem Ambient 30°C Ambient Ambient temp. : 30°C properties which differentiate themtemp. : 35°C from conventional household encounter. Cold chain errors affect up to 44 million doses, costing Temperature control Temperature control Microprocessor control refrigerators that are not suitable for pharmacy use. between \$433 and \$481 million. method Fan-Forced Cooling Fan-Forced air circulation Direct cooling Fan-Forced Cooling method air circ. Direct cooling Compressor 60W 60W 160W Compressor 160W 60W Refrigerant Accurate MPR-214F Refrigerant R-134A R-134A (HFC) R-407D (HFC) and uniform (HFC) Key Advantages of SANYO Application R-134A (HFC Shelves 3(20kg/shelf Shelves temperature distribution in a 3(20kg/shelf) 1(10kg/shelf) large: 2(25kg/shelf) 1(15kg/shelf) Specific Refrigeration small: 3(15kg/shelf) refrigerator plays a key role ø 30mm (lef Access port ø 30mm ø 30mm (left) ø 30mm (left) ø 30mm (rear) Access port · Digital temperature (rear) in ensuring the life of your Casters 4 casters with 2 adjustable leveling feet Casters sensors inside the fridge and up during safety Alarm and vaccines, reagents and other High/low temperature alarm, Door ajar alarm, Memory back Alarm and built failure safety controllers power specifically to biologicals.

Research has Self diagnostics, remote alarm contact (DC30V,2A), Door key lock maintain a set temperature 2-pen type circular recorder (MTR-G3504), Mounting kit (MPR-S7) Options Options shown that minor variances in within the 2°C to 8°C temperatures such as those in Drawers for the bottom left compartment (MPR-41R): MPR-414F/FS only temperature range SANYO DAQ System (MTR-480 & MTR-2000) a household refrigerator can · These models are not explosion-proof/safe. DO Evaporator operates at 2°C, These models are not explosion-proof/safe. DO NOT preserve chemicals that are highly volatile or corrosive. @@@@ @Key lock switch Key lock switch Yes Yes openings. @@@@ Air vent locations differ between manufacturers and models. @@@@ · Temperature controller dial has arbitrary scale. Difficult to accurately set desired temperature. · Change in ambient temperature affects internal temperatures. @@@@ @Do not freeze. 2°-8°C (35°-46°F).

Do not freeze. 2°-8°C (35°-46°F). Do not freeze. 2°-8°C (35°-46°F). Do not freeze.

2°-8°C (35°-46°F). Do not freeze. 2°-8°C (35°-46°F). Do not freeze. 2°-8°C (35°-46°F).

Do not freeze. 2°-8°C (35°-46°F). Protect from light. (MMR Virus may be frozen.) 2°-8°C (35°-46°F). Protect from light. 2°-8°C (35°-46°F). Protect from light. 2°-8°C (35°-46°F). Protect from light.

2°-8°C (35°-46°F). Do not freeze Freeze immediately upon arrival. Store at or below -15°C (+5°F). Diluent can be stored at room temperature. Do not freeze diluent. @@@@ @control not affected by ambient temp. Digital Display of chamber temp. @control of Refrigerator (2-4°C) Variable temp. control of freezer (-20°C to -30°C) Uniform temp. at all shelf levels Separate operation of Refrigerator and Freezer Window for viewing Racks (SUS-304, MPR-41R) Monitoring hole/port Temperature recorder (option) Door ajar option with indicator light and audible alarm High/low alarm and under cooling and overheating protection Remote alarm terminal Set temp.

deviation Self diagnostic function Unique automatic defrost system Condensate evaporator MPR Series yes Domestic Refrigerator no yes yes no no yes yes yes yes yes yes yes no Max/Mid/Min no 18°C no no some models yes no some models yes no Vaccine Storage Requirements · Maintain required temperature range throughout the year · Separate doors for refrigerator and freezer · Large enough to hold year's largest vaccine inventory · Dedicated to biologics* *Recommended by the Centers of Disease Control yes yes yes yes no no no yes Effect of Temperature on Vaccines Vaccines need to be kept in refrigerators or freezers at certain temperature ranges to remain potent. Necessary function, construction or performance for preservation of reagents and pharmaceuticals. Live vaccines · Tolerate freezing · Deteriorate rapidly after removal from freezer Inactivated vaccines · Damaged by exposure to freezing temperatures · Tolerate short time out of refrigeration MPR-Series Pharmacy Refrigerator With the growing emphasis on proper storage of laboratory and pharmacy materials, SANYO MPR-Series Pharmacy Refrigerators with Freezer combine high performance refrigeration, control and alarm/monitoring systems with energy MPR-1014 MPR-514 MPR-214F MPR-414F Refrigerators and Freezers Designed for Precise and Stable Vaccine Storage Specifications Cabinet features include positive chamber air circulation for maximum temperature uniformity, and an access port for independent monitoring probe(s). The flat profile inner door enhances interior storage volume on adjustable open wire shelves. Security considerations for protection of high value items include a controller lock-out function to prohibit unauthorized setpoint changes, and a keyed locking door with optional padlock hasp.

Quiet, Energy Efficient Performance Door Mounted Controller 59 · Two specially designed SANYO hermetically sealed compressors operate with quiet efficiency; two compressors allow independent cooling of both refrigerator and freezer compartments. · Four door design reduces cold air loss during door openings; makes most efficient use of available space. · Hot gas heated mullion prevents condensation and icing, maintains integrity of door gasket seal.



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· SANYO developed CFC-free refrigerants are specially formulated for laboratory use. · CFC-free foamed-in-place insulation minimizes performance variations due to ambient temperature changes.

Built-in Under the Counter Scientific Grade Laboratory Refrigerator, SR-L/SF-L Series SANYO undercounter refrigerators and freezers feature stable temperature and uniformity with convenient door mounted temperature controls. Doors have key locks for added security. @@@@ · Meets JCAHO standards for controlling medication access. · Digital input of temperature with setpoint range from 1°C to 14°C (SR), -15°C to -25°C allows end user temperature flexibility · Automatic tracking alarm $\pm 3^{\circ}\text{C}$ around setpoint monitors critical temperature variances · Door ajar alarm with alarm delay timer eliminates nuisance alarms · Easy to read, angled.



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