

A look into our complete **product collection.**



PRODUCT GROUPS:

-150°C Freezers | -86°C Freezers | -30°C Freezers | Refrigerators | Refrigerator & Freezer Combo Units | CO₂ Incubators |
Multigas Incubators | Biological Safety Cabinets | Heated & Refrigerated Incubators | Cell Processing Work Station |
Drosophila/Plant Growth Chamber | Autoclaves | Lab Monitoring System |

-86°C and Cryogenic Freezers

Tested to meet the toughest quality standards, Panasonic Healthcare ultra-low temperature freezers offer superior performance and reliability. The cooling and insulation systems in ultra-low temperature freezers maintain uniform conditions throughout the freezer's interior, even in response to frequent door openings. Find the right freezer for your needs.



Models MDF-DU702VXC-PA and MDF-DC700VXC-PA

Model MDF-DU702VH-PA

Model MDF-U7586SC-PA

Model MDF-C8V1-PA

Model MDF-C2156VANC-PA

TwinGuard® Series

-86°C Ultra-Low Temperature Freezers

MDF-DU702VXC-PA | 25.7 cu.ft. (729 L) **NEW**
 MDF-DC700VXC-PA | 25.3 cu.ft. (715 L)
 MDF-DU502VXC-PA | 18.6 cu.ft. (528 L) **NEW**

Two independent compressor systems offer double security for your samples.

5-year parts and labor warranty

VIP® Series

VIP -86°C Ultra-Low Temperature Freezers

MDF-U76VA-PA | 25.7 cu.ft. (728 L)
 MDF-U76VC-PA | 25.7 cu.ft. (728 L)
 MDF-U56VC-PA | 18.6 cu.ft. (526 L)
 MDF-U53VA-PA | 18.3 cu.ft. (519 L)
 MDF-U33V-PA | 11.8 cu.ft. (333 L)

VIP Biorepository Freezer

MDF-DU900VC-PA | 29.8 cu.ft. (845 L) **NEW**

VIP ECO Natural Refrigerant Freezer

MDF-DU702VH-PA | 25.7 cu.ft. (729 L)* **NEW**

Better reliability in your freezer with optimal performance and maximum energy savings.

**ENERGY STAR® Certified
 5-year parts and labor warranty*

PRO Series

-86°C Ultra-Low Temperature Freezers

MDF-U7586SC-PA | 23.5 cu.ft. (668 L)
 MDF-U5586SC-PA | 17.1 cu.ft. (483 L)

High performance with optimum value.

5-year parts and labor warranty

Chest Freezer

-80°C Ultra-Low Temperature Freezer

MDF-C8V1-PA | 3.0 cu.ft. (84 L)

Energy efficiency and high performance cooling with space saving design.

5-year parts and labor warranty

Cryogenic Freezer

-150°C Ultra-Low Temperature Freezer

MDF-C2156VANC-PA | 8.2 cu.ft. (231 L)

Reliable mechanical cryogenic preservation with maximum storage capacity.

2-year parts and labor warranty and 5-year compressor warranty

High Performance Biomedical Refrigerators and Freezers

Panasonic Healthcare high performance freezer and refrigeration systems offer outstanding performance and reliability, even in higher ambient temperatures and in response to frequent door openings. The cooling system also maintains uniform temperatures throughout the equipment's interior, which is especially important for GMP applications and vaccine storage.



Model SR-L6111W-PA

Undercounter Refrigerator & Freezer

2°C to 14°C Refrigerator

SR-L6111W-PA | 5.7 cu.ft. (161 L)*

-15°C to -20°C Freezer

SF-L6111W-PA | 5.5 cu.ft. (156 L)*

Suitable for demanding standards in clinical, life science, pharmaceutical, biotechnology, and industrial laboratories.

*ENERGY STAR Certified



Model MDF-U731M-PA

Laboratory Freezers

-30°C Freezers

MDF-U731M-PA | 24.4 cu.ft. (690 L)*
 MDF-U731-PA | 22.0 cu.ft. (623 L)*
 MDF-U5312-PA | 17.0 cu.ft. (482 L)
 MDF-U334-PA | 9.7 cu.ft. (274 L)

Ideal for long or intermediate-term storage. These freezers are used in medical, biotechnology, and industrial labs for storage of vaccines, specimens and other pharma reagents. Available with optional storage bins, standard in MDF-U5312-PA & MDF-U334-PA.

*ENERGY STAR Certified



Model MPR-715F-PA

Combo Refrigerators/Freezers

2°C to 14°C Refrigerators -30°C Freezers

MPR-715F-PA | 14.7 cu.ft. Ref & 6.2 cu.ft. Frzr (415 L Ref & 176 L Frzr)
 MPR-414F-PA | 12.0 cu.ft. Ref & 2.9 cu.ft. Frzr (340 L Ref & 82 L Frzr)
 MPR-215F-PA | 6.2 cu.ft. Ref & 1.4 cu.ft. Frzr (176 L Ref & 39 L Frzr)

The biomedical refrigerators with freezer combine high performance refrigeration and monitoring systems with an energy efficient design. One unit with dual temperature zone is engineered with separate refrigeration systems for demanding applications.



Model MPR-721-PA

Swinging Door Refrigerators

2°C to 14°C Refrigerators

MPR-1411-PA | 48.2 cu.ft. (1364 L)*
 MPR-1411R-PA | 48.0 cu.ft. (1359 L)*
 MPR-721-PA | 24.2 cu.ft. (684 L)*
 MPR-721R-PA | 23.7 cu.ft. (671 L)*

Ideal temperature environment for clinical research, pharmaceutical, and industrial use. Adjustable shelves and wide range setpoint for varying laboratory applications, including chromatography and pharmaceutical storage. Available with optional sliding shelves.

*ENERGY STAR Certified



Model MPR-514-PA

Sliding Door Refrigerators

2°C to 14°C Refrigerators

MPR-1014-PA | 36.5 cu.ft. (1033 L)*
 MPR-1014R-PA | 36.3 cu.ft. (1029 L)*
 MPR-514-PA | 17.3 cu.ft. (489 L)*
 MPR-514R-PA | 17.2 cu.ft. (486 L)*
 MPR-S313-PA | 12.0 cu.ft. (340 L)

The slim design and optional sliding shelves give pharmaceutical refrigerators an ergonomic advantage, while complying with strict storage temperatures and easy product access.

*ENERGY STAR Certified

General Purpose Refrigerators and Freezers

Panasonic Healthcare's general purpose laboratory refrigerators and freezers are used for storage of life science research materials such as cell culture media, agar plates, PCR materials, DNA and other reagents.



Models GPR-22-1 and GPR-72-3

ProtoCool™ General Purpose Laboratory Refrigerators

2°C to 8°C Refrigerators

GPR-72-3 | 72.0 cu.ft. (2039 L)
GPR-50-2 | 50.0 cu.ft. (1416 L)
GPR-22-1 | 22.0 cu.ft. (623 L)

ProtoCool general purpose laboratory refrigerators are used for 2°C to 8°C storage of a wide variety of life science reagents. One, two and three door options provide a variety of storage capacities based on the needs of your laboratory.



Models GPF-24-1 and GPF-47-2

ProtoCool General Purpose Laboratory Freezers

-10°C to -20°C Freezers

GPF-47-2 | 47.0 cu.ft. (1331 L)
GPF-24-1 | 24.0 cu.ft. (680 L)

ProtoCool general purpose laboratory freezers are used for -10°C to -20°C storage of life science research materials such as enzymes, media components, DNA, and experimental reagents.



Model PR-L2460W-PA

General Purpose Undercounter Laboratory Refrigerators

2°C to 8°C Refrigerators

PR-L5111W-PA | 4.9 cu.ft. (139 L)
PR-L5111WSEC-PA | 4.9 cu.ft. (139 L)
PR-L2460W-PA | 2.3 cu.ft. (65 L)

-25°C to -15°C Freezers

PF-L5011W-PA | 5.0 cu.ft. (142 L)
PF-L5011WSEC-PA | 5.0 cu.ft. (142 L)

Optimized for space-savings and cold storage. Panasonic Healthcare undercounter refrigerators are ideal for quick and easy storage of laboratory materials.

CO₂ and Multigas Incubators

Panasonic Healthcare incubators are extensively tested to meet the toughest quality standards for performance, ergonomics, and cost of ownership. With a range of CO₂ and multigas incubators, Panasonic Healthcare has the right technology to meet every application, setting and budget.



Model MCO-170AICUVDL-PA

Cell-IQ™ CO₂ Incubator with Dry Heat Sterilization

CO₂ Incubator

MCO-170AICUVDL-PA | 5.8 cu.ft. (165 L) **NEW**

Touchscreen CO₂ incubator for optimal cultivation conditions with inCu-saFe germicidal interior and SafeCell UV for continuous protection. A unique dual heat sterilization system provides complete decontamination of the incubator's interior.



Model MCO-230AICUVL-PA

Cell-IQ CO₂ Incubators with Vaporized H₂O₂ Decontamination Option

CO₂ Incubators

MCO-230AICUVL-PA | 8.1 cu.ft. (230 L)
MCO-170AICUVL-PA | 5.8 cu.ft. (165 L)

Optional: H₂O₂ decontamination available for both models

CO₂ incubator with touchscreen control panel delivers ease-of-use, effortless cleaning, easy maintenance, and outstanding performance with multi-level contamination control and optional fast H₂O₂ decontamination.



Model MCO-170ML-PA

Cell-IQ Multigas Incubators

Multigas Incubators

MCO-170ML-PA | 5.7 cu.ft. (161 L)
MCO-5M-PA | 1.7 cu.ft. (49 L)

Optional: UV background decontamination available for both models. H₂O₂ decontamination available for MCO-170ML-PA model

The Cell-IQ Multigas is a complete cell culture incubator for highly regulated applications like stem cell research, regenerative medicine, and *in vitro* fertilization.*

**For ova and embryo use, consult your Panasonic Healthcare Sales Representative*



Model MCO-18ACL-PA

CytoGrow Optimal Incubators

CO₂ Incubators

MCO-18ACL-PA | 6.0 cu.ft. (170 L)
MCO-5ACL-PA | 1.7 cu.ft. (49 L)

Optional: UV background decontamination

CytoGrow Optimal CO₂ incubators are ideal for cell culture and clinical based research applications with an optimum value.



Model MCO-80ICL-PA

CytoGrow ReachIn Incubator

CO₂ Incubator

MCO-80ICL-PA | 30.1 cu.ft. (851 L)

Optional: UV background decontamination

CytoGrow ReachIn CO₂ incubators have the flexibility to grow a wide variety of cells, while providing a greater capacity for storage. Available with optional roller bottle apparatus ramp and reinforced shaker shelves.

Biological Safety Cabinets

The Panasonic Healthcare Class II, Type A2 Biological Safety Cabinet (BSC) offers a combination of cabinet design and filtration systems to protect personnel, the work product and the environment from biological particulates.

Models: MHE-N300A2-PA | 3 ft. (0.9 m) **NEW**
MHE-N400A2-PA | 4 ft. (1.2 m) **NEW**
MHE-N500A2-PA | 5 ft. (1.5 m) **NEW**
MHE-N600A2-PA | 6 ft. (1.8 m) **NEW**

The BSC is engineered for work with low to moderate risk organisms that pose a biohazard to work in process, people and the facility. True laminar airflow with a constant face velocity airflow creates a performance envelope within and throughout the work surface to minimize or eliminate cross contamination.

5-year parts and labor warranty



Model MHE-N400A2-PA



Model MHE-PF4025CW2-PA

CPWS Cell Processing Work Station

Model: MHE-PF4025CW2-PA

The CPWS offers a cost-effective alternative to high capital equipment and maintenance expenses associated with clean rooms. The CPWS provides Class 100 air quality with barrier isolation required for regenerative stem cell therapies and other cell therapies.



Model MIR-554-PA

Heated & Refrigerated and Microbiology Incubators

Models: MIR-554-PA | 14.3 cu.ft. (406 L) **HEAT AND COOL**
MIR-254-PA | 8.40 cu.ft. (238 L) **HEAT AND COOL**
MIR-154-PA | 4.34 cu.ft. (123 L) **HEAT AND COOL**

MIR-262-PA | 5.40 cu.ft. (153 L) **HEAT**
MIR-162-PA | 3.28 cu.ft. (93 L) **HEAT**

MIR series incubators are designed for general laboratory applications requiring fixed setpoint or cycling temperature control. A selection of five cabinet sizes offers programmed operation and integrated alarms for a wide temperature range.

Drosophila/ Plant Growth Chamber

Model: MLR-352H-PA | 10.4 cu.ft. (294 L)

Panasonic Healthcare's humidified drosophila/plant growth chamber functions within a temperature range of 5°C to 50°C, with programmable lighting, and humidity control for diurnal protocols in plant and insect experiments.



Model MLR-352H-PA

Top-Loading Portable Autoclaves

For research use only.

Models: MLS-3781L-PA | 2.6 cu.ft. (75 L)
MLS-3751L-PA | 1.8 cu.ft. (50 L)

Panasonic Healthcare's MLS top-loading autoclaves are a popular method of sterilization for today's research laboratories. Self-contained and easy to use, these reliable energy-saving autoclaves are ideal for a wide-range of applications, including liquid culture media preparation, labware, and waste sterilization.



Models MLS-3781L-PA and MLS-3751L-PA

LabAlert® Real-Time Monitoring & Notification System

What is LabAlert?

LabAlert is a complete, end-to-end wireless, monitoring solution for all your laboratory equipment.



What can be tracked?

ULT FREEZERS	LAB FREEZERS	LAB REFRIGERATORS	INCUBATORS	GMP CLEAN ROOM	LN ₂ STORAGE
<ul style="list-style-type: none"> • Temperature • Door Status • 0-5V DC • 4-20 mA 	<ul style="list-style-type: none"> • Temperature • Door Status • 0-5V DC • 4-20 mA 	<ul style="list-style-type: none"> • Temperature • Door Status • 0-5V DC • 4-20 mA 	<ul style="list-style-type: none"> • CO₂ Concentration • Temperature • Humidity 	<ul style="list-style-type: none"> • Temperature • Humidity • Pressure • Water level 	<ul style="list-style-type: none"> • Temperature

Laboratory Equipment Parameters

Product	Temperature	CO ₂	O ₂	Humidity	Door Status	Liquid Level	Pressure	RPM	Flow
Cryogenic Freezers	●	—	—	—	●	—	—	—	—
ULT Freezers	●	—	—	—	●	—	—	—	—
Lab Freezers	●	—	—	—	●	—	—	—	—
Lab Refrigerators	●	—	—	—	●	—	—	—	—
Incubators	●	●	●	●	●	●	—	—	—
LN ₂ Storage	●	—	●	—	●	●	—	—	—
Environment Chambers	●	—	—	●	●	●	—	—	—
Clean Rooms	●	—	—	●	●	—	●	—	—
Environment Rooms	●	—	—	●	●	—	●	—	—
Ovens	●	—	—	—	●	—	—	—	—
Centrifuges	●	—	—	—	●	—	—	●	—
Facility Ambient	●	—	●	●	●	●	—	—	—
BioSafety Cabinets	●	—	—	—	—	—	●	—	●
Water Baths	●	—	—	—	—	●	—	—	●

*Other parameters available. Contact Panasonic Healthcare for information.



Panasonic[®]

Panasonic Healthcare Corporation of North America
1300 Michael Drive, Suite A, Wood Dale, IL 60191
Toll Free USA (800) 858-8442, Fax (630) 238-0074
www.panasonic-healthcare.com/us/biomedical

Printed in USA | 09 | 19 | 17 | OW11002.6 | vF

Specifications are subject to change without notice.
For latest specification information contact Panasonic Healthcare at info@us.panasonic-healthcare.com.