

# Panasonic

**New**

ENERGY STAR® Certified VIP® ECO  
Earns Industry's Lowest Energy  
Consumption Rating for Ultra-Low  
Temperature Freezers<sup>1</sup>

## VIP® ECO

With natural refrigerants Panasonic  
Healthcare's VIP ECO delivers  
more energy efficient and dependable  
ultra-low temperature storage with  
forward performing cooling systems.

-50°C to -86°C



25.7 cu.ft.  
(729 L)



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*We Enable Science*

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Healthcare Corporation of North America.

# The Panasonic Healthcare Solution



Model MDF-DU702VH-PA



*High performance and dependability are central to the Panasonic Healthcare sustainability equation. New natural refrigerants, smart compressors and integrated electronics combine to lower operating costs without putting reliability and ultra-low temperature performance at risk.*

*New Panasonic Healthcare VIP ECO ultra-low temperature freezers with natural refrigerants now deliver more energy efficient and dependable ultra-low temperature storage with forward performing cooling systems. Our freezers are designed, tested and field-proven for safe, reliable storage of biologicals.*



*Multi-point door gasket is field replaceable without tools.*

## **ENERGY STAR® Tested and Certified<sup>1</sup>**

Power consumption at commonly used storage temperatures demonstrates significant energy saving potential in the VIP ECO natural refrigerant platform. Power data is based on independent ENERGY STAR evaluation.

- 7.30 kWh/day, Steady State Energy Consumption
- 7.87 kWh/day, Daily Energy Consumption

## **Sustainability Advanced**

New natural refrigerants minimize environmental impact without compromising ultra-low temperature performance.

- Fast pull-down to -80°C demonstrates reserve cooling power
- Fast recovery after door openings protects stored biological product integrity
- Narrow interior uniformity, top to bottom, side to side, front to back minimizes uncertainty
- Patented VIP Series cabinet design slows warm-up during power outage, saves energy
- Unique internal heat exchanger increases performance envelope, tolerates high ambient temperatures



*New highly visible full-color LCD touchscreen controller with intuitive menus for all functions.*

## New User-Friendly Cabinet Design

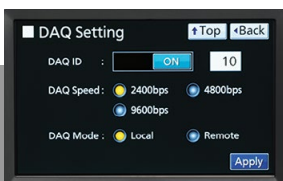
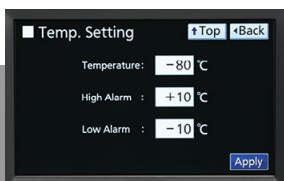
The Advanced Frost Control System is based on EZlatch, a new, one-hand door handle that simplifies door openings and closings.

- Multi-point door gaskets protect the cabinet periphery to save energy, reduce moisture accumulation and eliminate ice build-up
- The gasket is field-replaceable without tools and without shutting down or emptying the freezer
- Robust, insulated inner doors with secondary gaskets provide added protection
- Automatic vacuum relief permits quick door openings

## Smart Controls with Graphic User Interface

The new full-color touchscreen controller serves as a control, eye-level display and data management center with USB port.

- Graphical snapshots display temperature performance, door open frequency and duration, and other parameters
- All setpoints, alarms, data download preferences and notifications are accessed through a password-protected interface





## **Fifty Years of Innovation with Scientific and Social Purpose**

New product introductions based on insufficient life testing are without purpose. At Panasonic Healthcare, we believe innovation includes both scientific and social responsibility to the world.

As new technologies are developed within and beyond our industry, we explore, evaluate, test and deliberate their benefits with respect to the safety of the high-value stored products you entrust us to protect with each laboratory product purchase.

For more than 50 years, we have earned a reputation for introducing new generation ultra-low temperature freezers with documented success, each better than the last, and each created and tested for reliability and performance. We empower our global marketing and sales teams to share ideas and real-world customer experiences with our research and development experts. Our manufacturing engineering group invests in the latest industrial design techniques for building better cabinets. We educate our customers. And as we continue this journey at your side, the Panasonic Healthcare brand promise will remain the industry standard for performance, reliability and common-sense energy management - without compromise.

Disc**o**very powered by  
precision™



## Use Your Existing Inventory Racks

Replace your older, less efficient ultra-low temperature freezer and use the inventory racks you've already purchased from other manufacturers.

- Put your new Panasonic Healthcare ultra-low temperature freezer to work quickly, safely and with minimal downtime
- Use racks from your current ultra-low temperature freezer
- Multiple shelf configurations permit rack-based and bulk storage for a variety of protocols
- A complete selection of conventional inventory components is available

## Learn More about VIP ECO

Contact your Panasonic Healthcare sales representative today, or call 800-858-8442. For details visit [www.panasonic-healthcare.com/us/biomedical/vip-eco](http://www.panasonic-healthcare.com/us/biomedical/vip-eco)

*Panasonic Healthcare VIP ECO ultra-low temperature freezers represent a continuing evolution in the development of products used in life science, pharmaceutical and biotechnology industries. Other Panasonic Healthcare products include ultra-low temperature and cryogenic storage freezers, biomedical freezers, pharmacy and high performance refrigerators, cell culture CO<sub>2</sub> and multigas CO<sub>2</sub>/O<sub>2</sub> incubators, biological safety cabinets, Cell Processing Work Stations, portable autoclaves and cloud-based monitoring systems.*

<sup>1)</sup> Based on independent third-party testing at time of publication. ENERGY STAR test results for submitted products can be compared for performance across the competitive market. Results are published on the ENERGY STAR website [www.energystar.gov](http://www.energystar.gov). See Panasonic Certification Number 4787624501.



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