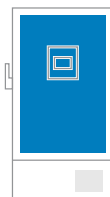


PERFORMANCE by the NUMBERS



25.7 cu.ft.
(729 L)

24°C

AMBIENT

MODEL
MDF-DU702VH-PA
76020-716
EMPTY

-70°C

SETPOINT

-80°C

SETPOINT

~-75°C

COMPOSITE



ENERGY
CONSUMPTION,
kWh/DAY¹

MDEC: ²
0.31 kWh/Day/cu.ft.

[6 OPENINGS]⁴

6.72

6.19

[STEADY STATE]

[6 OPENINGS]⁴

9.00

8.40

[STEADY STATE]

[6 OPENINGS]⁴

7.87

7.30

[STEADY STATE]



INTERIOR
UNIFORMITY,³
AVERAGE
STEADY STATE

1.95°C

2.67°C



TEMPERATURE
RECOVERY⁴

8 min

8 min



BTU/Hr
OUTPUT,
NOMINAL

810

1109



THE VIP[®] ECO
ULTRA-LOW
TEMPERATURE
FREEZER

Life Tested.
Field-Proven.
Without Compromise.



Independently Tested and Documented

The ENERGY STAR[®] Certified VIP ECO Model MDF-DU702VH-PA | 76020-716 delivers the lowest daily energy usage of any ultra-low temperature freezer in its class. It is designed, life tested and field-proven for reliable storage of biologicals without compromise.

Learn More. www.phchd.com/us/biomedical/vip-eco.




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PHC Corporation of North America

Formerly Known as Panasonic Healthcare Corporation of North America

VWR is an authorized distributor for PHC Corporation of North America.

Compare for Yourself:

PHCbi MAKE / MODEL	AMBIENT TEMP.	SETPOINT -70°C	SETPOINT -80°C	ENERGY STAR COMPOSITE ~-75°C	ADDITIONAL NOTES
MDF-DU702VH-PA 76020-716	Energy Consumption, kWh/Day¹ (MDEC ²: 0.31 kWh/Day/cu.ft.)				 Warranty: <i>PHC Corporation of North America offers 5-year, parts and labor warranty protection on VIP Series Ultra-Low Temperature Freezers (North America only).</i>
	24°C	6.72 (Daily)	9.00 (Daily)	7.87 (Daily)	
		6.19 (Steady State)	8.4 (Steady State)	7.30 (Steady State)	
	Interior Uniformity³, Average Steady State				
		1.95 (°C)	2.67 (°C)		
	Temperature Recovery⁴				
		8 (min.)	8 (min.)		
	BTU / Hr Output, Nominal				
		810	1109		

MAKE / MODEL	AMBIENT TEMP.	SETPOINT -70°C	SETPOINT -80°C	ENERGY STAR COMPOSITE ~-75°C	ADDITIONAL NOTES
	Energy Consumption, kWh/Day¹ (MDEC ²: ____ kWh/Day/cu.ft.)				
		(Daily)	(Daily)	(Daily)	
		(Steady State)	(Steady State)	(Steady State)	
	Interior Uniformity³, Average Steady State				
		(°C)	(°C)		
	Temperature Recovery⁴				
		(min.)	(min.)		
	BTU / Hr Output, Nominal				

MAKE / MODEL	AMBIENT TEMP.	SETPOINT -70°C	SETPOINT -80°C	ENERGY STAR COMPOSITE ~-75°C	ADDITIONAL NOTES
	Energy Consumption, kWh/Day¹ (MDEC ²: ____ kWh/Day/cu.ft.)				
		(Daily)	(Daily)	(Daily)	
		(Steady State)	(Steady State)	(Steady State)	
	Interior Uniformity³, Average Steady State				
		(°C)	(°C)		
	Temperature Recovery⁴				
		(min.)	(min.)		
	BTU / Hr Output, Nominal				

About PHCbi’s Data


- Data reflects independent testing to ENERGY STAR specifications based on the variable differential cascade refrigeration system with variable speed compressors, proprietary control algorithms, and natural refrigerants. BTU data is based on internal factory testing.
- VIP ECO models were tested with standard features only, including inner doors (which increase the door opening duration during the open door testing), air-cooled condensers. No accessories, options or modifications were added to influence test outcomes.
- Detailed test results, including additional tests at ambient temperatures of 20°C and 30°C with and without simulated loads are available.



ENERGY STAR Certification Number 4787624501. Learn more about our ENERGY STAR Certified products at www.phchd.com/us/biomedical/energy-star

¹) Energy consumption per day, EPA Test, Version 1.1, Section 7, Reporting, G2 c.
²) Maximum daily energy consumption per cu.ft.
³) Overall average for all recorded interior temperature measurements at setpoints of -70°C or -80°C.
⁴) Based on inner door opening time of 15 seconds.

Specifications are subject to change without notice. Performance data herein is based on independent testing at time of publication.



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