



MDF Series Ultra-Low Temperature and Cryogenic Freezers

Choose an ultra-low or cryogenic freezer based on temperature range, size and orientation. From the top-selling VIP® ECO to the dual system TwinGuard®, the time-tested VIP Series or the nitrogen-saving cryogenic freezer, the PHCbi selection emphasizes stored product safety above all else.

	VIP ECO			TwinGuard			VIP		Cryogenic	
	18.6 cu.ft.	25.7 cu.ft.	29.8 cu.ft.	12.7 cu.ft.	18.6 cu.ft.	25.7 cu.ft.	25.3 cu.ft.	25.7 cu.ft.	3.0 cu.ft.	8.3 cu.ft.
CONFIGURATION	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
Upright	■	■	■	■	■	■		■		
Chest							■		■	■
VOLTAGE	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
115V	■	■	■					■	■	
220V	■	■		■	■	■	■	■		■
STORAGE CAPACITY	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
Capacity (2" boxes)	384	576	672	240	384	576	520	576	42	165
Capacity (3" boxes)	256	384	448	144	256	384	360	384	30	105
TEMPERATURE RANGE	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
Ultra-Low: -40°C to -86°C	■	■								
Ultra-Low: -50°C to -86°C	■	■	■	■	■	■	■	■	■	
Cryogenic, Air Phase: -156°C										■
REFRIGERATION SYSTEM	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
PHCbi Differential Variable Speed Cascade	■	■	■							
Dual Auto Cascade				■	■	■	■			
Auto Cascade								■		
Cascade								■		
Hybrid Auto Cascade										■
CONTROL, ALARM, MONITORING AND DATA	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
Microprocessor, Programmable	■	■	■	■	■	■	■	■	■	■
Touchscreen, Color LCD, Graphical Display	■	■	■	■	■	■	■	■	■	■
Touchpad, LCD Viewscreen										■
Comprehensive Alarm System	■	■	■	■	■	■	■	■	■	■
USB Port	■	■	■	■	■	■	■	■		
REFRIGERANT	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
All Natural, SNAP	■	■	■							
ENERGY CERTIFICATION	MDF-DU502VHA-PA MDF-DU502VH-PA	MDF-DU702VHA-PA MDF-DU702VH-PA	MDF-DU901VHA-PA	MDF-DU302VX-PA	MDF-DU502VXC-PA	MDF-DU702VXC-PA	MDF-DC700VXC-PA	MDF-U76VA-PA MDF-U76VC-PA	MDF-C8V1-PA	MDF-C2156VANC-PA
ENERGY STAR® Certified	■	■	■							

PHC Corporation of North America

1300 Michael Drive, Suite A, Wood Dale, IL 60191
 Toll Free USA (800) 858-8442, Fax (630) 238-0074
www.phc.com/us/biomedical
 Printed in USA | 09 | 25 | 2020 | OW12067 | v1

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