

-150°C Cryogenic Freezer

Safe, Economical Air Phase Cryogenic Storage *Without* Liquid Nitrogen

For US, Puerto Rico, Hawaii, Alaska, and Canada



Model MDF-C2156VANC-PA | **MP10046-900**

8.2 cu.ft. | 231 L

Mechanically refrigerated cryogenic freezer

Air phase storage within a mechanical cryogenic system minimizes the total cost of cryogenic storage.

- Eliminate reliance upon liquid nitrogen
- Decrease safety concerns

For Special Pricing

Place your order referencing part #: **MP10046-900**

Terms and Conditions. This offer is good for new orders only and is not applicable for previous orders. This offer applies to purchases made January 1, 2024 through midnight Central Standard Time, December 31, 2024. This offer applies to the model MDF-C2156VANC-PA | **MP10046-900** listed herein and cannot be combined with any other offers or incentives. No substitutions will be made or permitted. This offer is applicable to sales and deliveries made to VWR customers in the US, Puerto Rico, Hawaii, Alaska, and Canada. To receive the special offer, quote promo code on purchase order. Additional terms and conditions may apply. Interpretations of these rules, eligibility and resolution of conflicts to this program shall be determined by PHC Corporation of North America and all decisions shall be final and binding.

Promotional part numbers are available for a limited time, must be used at the time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com. (Promotional part numbers cannot be found via Search on vwr.com.) For assistance with ordering, please contact your Avantor representative at 1.800.932.5000.

Leverage the Power of Mechanical Cryopreservation



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Operational Benefits

- Decrease LN₂ handling safety hazards (liquid nitrogen available as backup)
- Reduce energy consumption through hybrid cascade/autocascade mechanical refrigeration design
- Decrease cross contamination potential of liquid phase storage
- Small footprint with valuable capacity
- VIP® PLUS insulation accommodates up to 150 two inch boxes

Performance Benefits/Details

- Tight uniformity at -150°C, ±5°C
- Minimizes consumption of LN₂ where greater than 3% loss per day is typical in nonmechanical refrigeration
- Lowers total costs of ownership, reduces global energy costs of LN₂ production to help meet facility sustainability objectives
- Standard 220V power requirements
- Compressors designed specifically for cryogenic storage
- -150°C operation in up to a +30°C ambient environment
- Quiet operation (low noise 51 dBA)

PHC Corporation of North America

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