

VWR undercounter cold storage

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MODELS AVAILABLE

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FLAMMABLE MATERIALS





VWR® SERIES BUILT-IN UNDERCOUNTER FREEZERS WITH NATURAL REFRIGERANTS

Built-in units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies. Both manual and auto defrost models are available to accommodate all preferences and requirements. Units listed as manual defrost will need to be defrosted periodically to prevent severe ice build-up. Auto defrost units will have defrost cycles during which air temperatures will rise to approximately 0°C, so attention must be paid to the temperature requirements of samples intended to be stored in these units. The temperature display and alarm module offers product security with a monitoring and alarm system that is 100% independent of the temperature controller.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Digital setting accuracy
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Alarm mute
- Remote alarm contacts (except auto defrost unit)

Certifications: UL/C-UL listed.

Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	Defrost	Door Type	No. of Shelves	Cat. No.
118.9 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 33¾	Auto	Solid, Left Hinged	3 Adjustable	76210-118
118.9 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 33¾	Manual	Solid, Left Hinged	2 Fixed	76210-394
118.9 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 31½	Manual	Solid, Left Hinged	2 Fixed	76210-114
118.9 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 33¾	Manual	Solid Steel, Left Hinged	2 Fixed	76210-116
119 (4.2)	115 V, 60 Hz, 1.8 A	23¾ x 24½ x 31½	Auto	Solid, Right Hinged	3 Adjustable	10819-890
119 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 33¾	Manual	Solid Stainless Steel, Right Hinged	2 Fixed	10819-888
119 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 31½	Manual	Solid, Right Hinged	2 Fixed	10819-668
119 (4.2)	115 V, 60 Hz, 1.5 A	23¾ x 24½ x 33¾	Manual	Solid, Right Hinged	2 Fixed	10819-666

VWR® STANDARD SERIES FREE STANDING UNDERCOUNTER REFRIGERATOR AND FREEZER

These Standard Series Undercounter Refrigerators and Freezers are designed specifically for general-purpose applications where precise temperature control, maintenance and alarms are not necessary.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

Warning: Units marked as 'freestanding' are not designed for built-in and/or enclosed installations. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

- Keyed door locks
- Probe access port
- Manual defrost

Certifications: UL/C-UL Listed.



Description	Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	Door Type	No. of Shelves	Temperature Range	Cat. No.
Freestanding Refrigerator	130 (5)	115 V, 60 Hz, 0.90 A	20¼ x 22 x 31½	1 Solid Swing	(2 Adjustable/1 Fixed)	1 to 10°C	10819-650
Freestanding Freezer	113 (4)	115 V, 60 Hz, 0.90 A	20¼ x 21⅞ x 31½	1 Solid Swing	2 Fixed	-25 to -15°C	10819-894

VWR® CRITICAL STORAGE UNDERCOUNTER LABORATORY REFRIGERATOR AND FREEZER, MANUAL DEFROST

These units are designed to meet the demanding standards of clinical, life science, pharmaceutical, biotechnology and industrial applications. They offer exceptional temperature control and uniformity via a door-mounted microprocessor controller and interior forced air circulation.

A built-in front-breather condenser allows units to be placed under benches or countertops and requires no additional clearance from the top, back or sides of the cabinet. These compact units can also be left free standing, placed side by side or securely stacked to create a combination refrigerator/freezer. A keyed door ensures safe and secure storage within each unit. The refrigerator is equipped with adjustable wire shelves; the freezer is equipped with fixed evaporator shelves. Both units feature a right-hinged door swing and a rounded door profile and handle.

- Optimal performance in clinical, life science, pharma, biotechnology and industrial applications
- Exceptional temperature control and uniformity
- Microprocessor control with user-programmable functions and features
- Built-in front-breather condenser

Certifications: Both models meet JCAHO standards for controlling medication access.



Description	Volume, L (cu. ft.)	No. of Shelves	Temperature Range	Cat. No.
Refrigerator	173 (6)	3	2 to 8°C	89031-974
Manual Defrost Freezer	153 (5.4)	2	-25 to -15°C	89031-976



VWR® SERIES UNDERCOUNTER FREESTANDING REFRIGERATORS WITH NATURAL REFRIGERANTS

The VWR® Series Undercounter Freestanding Refrigerators are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies. A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Temperature controller
- Digital setting accuracy
- Precise temperature maintenance
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Certifications: UL/C-UL listed.

Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	Defrost	Door Type	No. of Shelves	Cat. No.
28.3 (1)	115 V, 60 Hz, 0.90 A	17 ¹ / ₄ x 19 ¹ / ₄ x 21 ¹ / ₄	Cycle	Solid, Left Hinged	2 Adjustable	76210-102
28.3 (1)	115 V, 60 Hz, 0.90 A	17 ¹ / ₄ x 19 ¹ / ₄ x 21 ¹ / ₄	Cycle	Glass, Left Hinged	2 Adjustable	76210-104
51 (1.8)	115 V, 60 Hz, 0.90 A	17 ¹ / ₄ x 19 ¹ / ₄ x 21 ¹ / ₄ "	Cycle	1 Glass, Swing Right Hinged	2 Adjustable	10834-032
71 (2.5)	115 V, 60 Hz, 0.90 A	17 ³ / ₄ x 19 ¹ / ₂ x 28 ⁷ / ₈	Cycle	1 Glass, Swing Right Hinged	4 Adjustable	10819-872
28 (1)	115 V, 60 Hz, 1.6 A	17 ³ / ₄ x 19 ⁵ / ₈ x 21	Cycle	1 Solid, Swing Right Hinged	1 Adjustable	10819-646
71 (2.5)	115 V, 60 Hz, 0.90 A	17 ³ / ₄ x 19 ¹ / ₂ x 28 ⁷ / ₈	Cycle	1 Solid, Swing	4 Adjustable	10819-870
147 (5.2)	115 V, 60 Hz, 1.3 A	23 ³ / ₄ x 24 x 32 ¹ / ₈	Cycle	1 Glass, Swing Right Hinged	3 Adjustable	10819-876
147 (5.2)	115 V, 60 Hz, 0.90 A	23 ³ / ₄ x 24 x 32 ¹ / ₈	Cycle	1 Solid, with Locks	3 Adjustable	76300-508



VWR® BUILT-IN UNDERCOUNTER REFRIGERATORS WITH NATURAL REFRIGERANTS

These Built-In Undercounter Refrigerators with Natural Refrigerants are purpose-built for scientific and medical applications. The all new temperature display and alarm module offers product security with a monitoring and alarm system that is 100% independent of the temperature controller. Units feature a digital microprocessor temperature controller allowing for the precise temperature management necessary for critical samples and supplies. A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings. An automatic cycle-defrost design prevents product-damaging temperature spikes.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Temperature controller
- Digital setting accuracy
- Precise temperature maintenance
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Certifications: UL/C-UL listed.

Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	Defrost	Door Type	No. of Shelves	Cat. No.
130.3 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 24½ x 33¾	Cycle	Solid, Left Hinged	2 Adjustable/1 Fixed	76210-106
130.3 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 24½ x 33¾	Cycle	Glass, Left Hinged	2 Adjustable/1 Fixed	76210-108
130.3 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 25½ x 31½	Cycle	Glass, Left Hinged	2 Adjustable/1 Fixed	76210-110
130.3 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 24½ x 33¾	Cycle	Solid Steel, Left Hinged	2 Adjustable/1 Fixed	76210-112
130 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 25½ x 31½	Cycle	1 Glass Swing, Right Hinged	2 Adjustable/1 Fixed	10819-884
130 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 25½ x 33¾	Cycle	1 Glass Swing, Right Hinged	2 Adjustable/1 Fixed	10819-882
130 (4.6)	115 V, 60 Hz, 1.74 A	23¾ x 24½ x 33¾	Cycle	1 Solid Swing, Right Hinged	2 Adjustable/1 Fixed	10819-880
127 (4.5)	115 V, 60 Hz, 1.74 A	23¾ x 24½ x 33¾	Cycle	1 Stainless Swing, Right Hinged	2 Adjustable/1 Fixed	10819-886

VWR® SERIES FLAMMABLE MATERIAL STORAGE REFRIGERATORS

Flammable Storage Refrigerators are designed to meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable or volatile materials in general laboratory work areas. No electrical components are located in the interior of the unit, and the electrical components of the compressor have sealed in a vapor-proof enclosure for additional safety. Real-time sample simulated temperatures are constantly displayed and supported by audible/visual high and low temperature alarms, along with power outage and sensor error alarms. Remote alarm dry contacts and an access port are provided to simplify connections to existing facility monitoring systems. The all-new temperature display and alarm module offers industry-leading product security with a monitoring and alarm system that is 100% independent of the temperature controller.

Unit uses Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Suitable for holding flammable materials
- Array of product sensitivity alarms
- Vapor-proof enclosure

Certifications: UL/C-UL listed.

No electrical components inside



Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	No. of Shelves	Cat. No.
142 (5)	115V, 60Hz, 1.2A	23 ³ / ₈ x 24 ¹ / ₄ x 32 ³ / ₁₆	3 Adjustable	10819-746

VWR® SERIES FLAMMABLE MATERIAL STORAGE UNDERCOUNTER FREEZER

This freezer is designed to meet NFPA and OSHA guidelines 45 and 70 for the refrigerated storage of flammable or volatile materials in general laboratory work areas.

- Temperature controller
- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Power failure alarm
- Alarm mute with ring back
- Remote contacts
- Alarm validation
- Resettable 1-point min/max history



Undercounter Freezer

Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	No. of Shelves	Cat. No.
113 (4)	115V, 60 Hz, 1.4A	23 ³ / ₈ x 24 ¹ / ₄ x 32 ³ / ₁₆	2 Fixed	10820-434

VWR® SERIES FREESTANDING COUNTERTOP AND UNDERCOUNTER FREEZERS

Series Freestanding Freezers are purpose built for scientific and medical applications. Units feature a digital microprocessor temperature controller allowing the precise temperature management necessary for critical samples and supplies. A forced air directional refrigeration system provides superior temperature uniformity and recovery after door openings.

Environmentally friendly, natural hydrocarbon (HC) refrigerants (not containing hydrofluorocarbons) vastly reduce global-warming potential (GWP) while meeting new EPA/SNAP mandates and UL, ASHRAE compliance guidelines.

- Temperature controller
- Digital setting accuracy
- Precise temperature maintenance
- Monitoring and alarms
- High/low temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Certifications: UL/C-UL listed.



Volume, L (cu. ft.)	Electrical	Exterior Dimensions, W x D x H, in.	Defrost	Door Type	No. of Shelves	Temperature	Cat. No.
Freestanding, Countertop							
37 (1.3)	115 V, 60 Hz, 1 A	23¾ x 24 x 20¾	Auto	1 Solid Swing, Right Hinged	2 Adjustable	-20°C	10819-664
48 (1.7)	115 V, 60 Hz, 1.6 A	23¾ x 24 x 20¾	Manual	1 Solid Swing, Right Hinged	2 Adjustable	-20°C	10819-662
Freestanding, Undercounter							
36.8 (1.3)	115 V, 60 Hz, 1 A	23¾ x 24 x 20¾	Auto	Solid, Left Hinged	2 Adjustable	-15 to -25°C	76210-392
48.1 (1.7)	115 V, 60 Hz, 1 A	23¾ x 24 x 20¾	Manual	Solid, Left Hinged	2 Adjustable	-15 to -25°C	76210-390
113 (4)	115 V, 60 Hz, 2.2 A	23¾ x 24 x 32½	Manual	1 Solid Swing, Right Hinged	3 Adjustable	-30°C	10819-892
113 (4)	115 V, 60 Hz, 2.2 A	23¾ x 24 x 32½	Manual	1 Solid Swing, Right Hinged	3 Adjustable	-40°C	10834-034

VWR® GENERAL-PURPOSE LABORATORY REFRIGERATORS AND FREEZERS

General-Purpose Laboratory Refrigerators and Freezers are designed for general-purpose clinical, life science, pharmaceutical, biotech and industrial use where space is limited. They include an adjustable mechanical thermostat control located conveniently inside the refrigerator chamber for reliable temperature control. The interior liner is made of seamless high-impact polystyrene with rounded corners for ease in cleaning.

- Convenient compact size
- Manual defrost
- Adjustable mechanical thermostat
- High-impact polystyrene interior lining
- R134A refrigerant is used
- VWR two-year limited parts and labor warranty

Certifications: All models are built to UL Standards for safety and performance, and manufactured under ISO 9001, 9002, and 14001 certifications. UL and C-UL listed.

Compact units can be placed under the bench or used freestanding



Description	Volume, L (cu. ft.)	Exterior Dimensions, in.	Temperature Range	Cat. No.
Compact Laboratory Refrigerator	138.7 (4.9)	21¾ x 22¾ x 33¾	1° to 14°C	14236-525
Compact Laboratory Refrigerator with Hasp Lock	138.7 (4.9)	21¾ x 22¾ x 33¾	1° to 14°C	82028-525
Compact Laboratory Freezer	142 (5)	21¾ x 25¾ x 33¾	-15° to -20°C	97014-903
Compact Laboratory Freezer with Hasp Lock	142 (5)	21¾ x 25¾ x 33¾	-15° to -20°C	97014-901

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