

VWR[®] Laboratory Refrigerators and Freezers

01. VERSATILE STORAGE
OPTIONS DESIGNED FOR
YOUR NEEDS

02. SUPERIOR TEMPERATURE
UNIFORMITY AND RECOVERY
AFTER DOOR OPENINGS

03. OUTSTANDING
TECHNICAL SERVICE



Going green. What does it mean?

The advantages of hydrocarbon refrigerants

- 45-60% decrease in refrigerant charge size
- Up to 15% reduction in energy consumption
- Contains no fluorine or chlorine
- Short atmospheric life of about 2 weeks
- Less aggressive refrigerant - extending life of the system
- Hydrocarbon is a naturally occurring refrigerant
- Zero ozone depletion potential



Evolving technology of hydrocarbon refrigerants reduce ozone depletion and energy usage

- Thermodynamic properties are superior to both R134a and R404a
- Heat retention is approximately 90% greater than R134a and 140% greater than R404a with lower viscosity
- Absorb more heat faster, resulting in quicker temperature recovery and lower energy consumption

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Efficient, reliable choices to meet your application and budget

VWR laboratory refrigerators and freezers

Laboratory and pharmacy cold storage applications and their requirements can vary greatly. Temperature settings, uniformity, recovery, and the importance of monitoring the operation of the unit, acquiring and logging data, and out of range alarm notifications can be different from one setting to the next.

Whatever the requirement, VWR offers a comprehensive choice of purpose-built laboratory and pharmacy refrigerators and freezers.

Three tiers of models are available to help satisfy the requirements of a specific application while easing demand on your budget.

VWR PERFORMANCE SERIES

The VWR® Performance Series units are purpose-built for scientific and medical applications requiring superior temperature management and state-of-the-art product security and data logging.

The touchscreen temperature display and alarm module offers the latest in advanced temperature control and recording of temperature history, as well as an elite monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

VWR SERIES

The VWR® Series units are also purpose-built for critical cold storage applications, but where built-in data logging functionality may not be a necessity.

The temperature display and alarm module offers an array of robust security features with a monitoring and alarm system that is 100% independent of a microprocessor temperature controller.

VWR STANDARD SERIES

The VWR® Standard Series blends models of refrigerators and freezers that can either help meet the demand of scientific and medical applications at budget-easing price points or satisfy any general purpose cold storage needs.

The VWR Standard Series Laboratory Refrigerators take a large step forward in performance from past solid door general purpose units; offering the all-new temperature display and alarm module coupled with a microprocessor temperature controller.

Other VWR Standard Series units are designed specifically with general purpose applications in mind; where stable temperatures are required, but precise temperature control, maintenance, and alarms are not.

WHY PURPOSE-BUILT REFRIGERATORS AND FREEZERS?

- A forced-air directional refrigeration system is employed that provides superior temperature uniformity and recovery after door openings.
- An automatic cycle-defrost design prevents product damaging temperature spikes stemming from defrost cycles.
- Manual defrost freezers come equipped with Direct-Cool fixed evaporator shelves, coupled with insulating inner doors to prevent cold air loss during door openings.
- The manual defrost design prevents product damaging temperature spikes found in auto-defrost cycles. (Auto-defrost options are available for less critical applications).



POST-SALE SUPPORT

Our outstanding technical service department is backed by a national network of service technicians specifically trained on critical cold storage equipment and the importance of these units to everyday lab applications.

Feature	VWR Performance Series	VWR Series	VWR Standard Series
Data Logging			
24-Hour Temp Chart	X		
Temperature Logging	X		
Support			
Alarm Validation	X	X (select models)	
USB Port for Data Transfer & Software Updates	X		
Real-Time Operational Display Clock	X		
Electronic Access to Troubleshooting Guide	X		
Electronic QR Code to Access Owner's Manual and Technical Support Contact Information	X		
Programmable			
Display Adjustable to Celsius or Fahrenheit	X	X	X (select models)
Alarm Mute with Ring Back	X	X (select models)	
Adjustable Alarm Vol.	X		
Password-Protected Control Panel	X		
Visualization			
Sample-simulated Temperature Display	X	X	X (select models)
Operation Indicator	X		
Active Temperature Scale Bar Display	X		
Resettable 1-point min / max History	X	X	X (select models)
Digital 24-Hr Temperature Chart	X		
Real-Time Operational Display Clock	X		
Temp. Precision			
Microprocessor Temp Controller	X	X	X (select models)
Mechanical Thermostat			X (select models)
Alarms			
Audio / Visual High / Low Temp Alarms	X	X	X (select models)
Sensor Error	X	X	X (select models)
Power Failure Alarm	X	X (select models)	
Remote Alarm Contacts	X	X	
Door Ajar Alarm	X		
Low Battery Alarm	X		
4-20mA Output	X		



VWR® PERFORMANCE SERIES
LABORATORY REFRIGERATORS



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in single, double and triple door configurations
3/5 Warranty	Three-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, casters*, sample-simulated probe, probe access port, UL/C-UL listed



MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

DATA ACQUISITION

- 24/7 Data logging
- 24-hour digital temperature chart
- Min/Max temp history
- USB port for data transfer
- 4-20mA output

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

TOUCHSCREEN TECHNOLOGY

- Digital temperature display
- Thermometer bar
- Electronic owner's manual access
- Troubleshooting guide
- Password protected

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
Glass Door Refrigerators, Natural Refrigerants									
19	Cycle	1 Swing Glass	4 Adj	27 ¹ / ₈ x 26 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	255	10820-344
19	Cycle	1 Swing Glass LH	4 Adj	27 ¹ / ₈ x 26 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	255	10819-530
23	Cycle	1 Swing Glass	4 Adj	27 x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	335	10819-532
26	Cycle	1 Swing Glass	4 Adj	30 x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	305	10819-534
47	Cycle	2 Slide Glass	8 Adj	54 ¹ / ₈ x 32 x 78 ⁵ / ₈	R290	1/2	8.5	455	10819-536
49	Cycle	2 Swing Glass	8 Adj	54 ¹ / ₄ x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/2	8.5	445	10819-538
69	Cycle	3 Slide Glass	12 Adj	78 ¹ / ₄ x 31 ¹ / ₂ x 78 ⁵ / ₈	R290	1/2	9.3	645	10819-540
72	Cycle	3 Swing Glass	12 Adj	78 ¹ / ₄ x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/2	8.5	640	10819-542
Solid Door Refrigerators									
12	Cycle	1 Swing Solid	3 Adj	25 x 30 x 62 ¹ / ₄	R290	1/3	3	187	76169-622
16	Cycle	1 Swing Solid	3 Adj	25 x 30 x 75 ¹ / ₂	R134a	3/8	6	237	10819-816
23	Cycle	1 Swing Solid	4 Adj	26 ⁷ / ₈ x 35 x 78 ¹ / ₄	R134a	3/8	6	210	10819-332
26	Cycle	1 Swing Solid	4 Adj	28 ³ / ₈ x 36 ³ / ₄ x 78 ¹ / ₄	R290	1/3	3	235	76169-602
36	Cycle	2 Swing Solid	8 Adj	39 ³ / ₈ x 35 x 78 ¹ / ₄	R134a	1/2	9	310	10819-336
49	Cycle	2 Swing Solid	8 Adj	54 x 35 x 78 ¹ / ₄	R134a	1/2	7	396	10819-338
72	Cycle	3 Swing Solid	12 Adj	81 x 34 ¹ / ₄ x 78 ¹ / ₄	R290	1/2	7.5	550	76169-608

*Casters add 4" to the height of glass door models and 3¹/₂" to the height of solid door models.
**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-340

VWR® SERIES
LABORATORY REFRIGERATORS



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in single, double and triple door configurations
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, casters*, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
Glass Door Refrigerators, Natural Refrigerants									
19	Cycle	1 Swing Glass	4 Adj	27 ¹ / ₈ x 26 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	255	10819-568
19	Cycle	1 Swing Glass LH	4 Adj	27 ¹ / ₈ x 26 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	255	10819-570
23	Cycle	1 Swing Glass	4 Adj	27 x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	335	10819-572
26	Cycle	1 Swing Glass	4 Adj	30 x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	305	10819-574
33	Cycle	2 Slide Glass	8 Adj	39 ¹ / ₂ x 31 ³ / ₈ x 78 ⁵ / ₈	R290	1/2	6.3	361	10819-576
35	Cycle	2 Swing Glass	8 Adj	39 ¹ / ₂ x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/3	6.2	357	10819-578
47	Cycle	2 Slide Glass	8 Adj	54 ¹ / ₈ x 31 ¹ / ₂ x 78 ⁵ / ₈	R290	1/2	8.5	455	10819-580
49	Cycle	2 Swing Glass	8 Adj	54 ¹ / ₄ x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/2	8.5	445	10819-582
69	Cycle	3 Slide Glass	12 Adj	78 ¹ / ₄ x 31 ¹ / ₂ x 78 ⁵ / ₈	R290	1/2	9.3	645	10819-584
72	Cycle	3 Swing Glass	12 Adj	78 ¹ / ₄ x 31 ¹ / ₄ x 78 ⁵ / ₈	R290	1/2	8.5	640	10819-586
Solid Door Refrigerators									
12	Cycle	1 Swing Solid	3 Adj	25 x 30 x 62 ¹ / ₄	R290	1/5	3	187	76169-620
16	Cycle	1 Swing Solid	3 Adj	25 x 30 x 75 ¹ / ₂	R134a	3/8	6	237	10820-382
23	Cycle	1 Swing Solid	4 Adj	26 ¹ / ₈ x 35 x 78 ¹ / ₄	R134a	3/8	6	210	10819-340
26	Cycle	1 Swing Solid	4 Adj	28 ³ / ₈ x 36 ³ / ₄ x 78 ¹ / ₄	R290	1/5	3	235	76169-592
36	Cycle	2 Swing Solid	8 Adj	39 ⁵ / ₈ x 35 x 78 ¹ / ₄	R134a	1/2	9	310	10819-344
49	Cycle	2 Swing Solid	8 Adj	54 x 35 x 78 ¹ / ₄	R134a	1/2	7	396	10819-346
72	Cycle	3 Swing Solid	12 Adj	81 x 34 ¹ / ₄ x 78 ¹ / ₄	R290	1/2	7.5	550	76169-618

*Casters add 4" to the height of glass door models and 3 1/2" to the height of solid door models.

**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-616

VWR® PERFORMANCE SERIES CHROMATOGRAPHY REFRIGERATORS WITH NATURAL REFRIGERANTS



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in single, double and triple door configurations
3/5 Warranty	Three-year parts and labor warranty, five years on compressor parts
Standard Features Package	2 ea. 2" gasketed access ports, interior duplex electrical outlet, keyed door locks, casters* Sample-simulated probe, probe access port, UL/C-UL listed



MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

DATA ACQUISITION

- 24/7 Data logging
- 24-hour digital temperature chart
- Min/Max temp history
- USB port for data transfer
- 4-20mA output

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

TOUCHSCREEN TECHNOLOGY

- Digital temperature display
- Thermometer bar
- Electronic owner's manual access
- Troubleshooting guide
- Password protected

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
19	Cycle	1 Swing	4 Adj	28 ⁵ / ₈ x 27 x 78 ⁵ / ₈	R290	¹ / ₃	5.4	255	10819-608
23	Cycle	1 Swing	4 Adj	28 ¹ / ₂ x 32 x 78 ⁵ / ₈	R290	¹ / ₃	5.4	335	10819-610
26	Cycle	1 Swing	4 Adj	31 ¹ / ₂ x 31 ³ / ₄ x 78 ⁵ / ₈	R290	¹ / ₃	5.4	295	10819-612
47	Cycle	2 Slide	8 Adj	55 ³ / ₄ x 32 ¹ / ₈ x 78 ⁵ / ₈	R290	¹ / ₂	8.5	445	10819-614
49	Cycle	2 Swing	8 Adj	55 ³ / ₄ x 31 ¹ / ₈ x 78 ⁵ / ₈	R290	¹ / ₂	8.5	445	10819-616
69	Cycle	3 Slide	12 Adj	79 ³ / ₄ x 32 ¹ / ₄ x 78 ⁵ / ₈	R290	¹ / ₂	9.3	645	10819-618
72	Cycle	3 Swing	12 Adj	79 ³ / ₄ x 32 x 78 ⁵ / ₈	R290	¹ / ₂	8.5	640	10819-620

*Casters add 4" to the height of Chromatography models.

**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-302

**VWR® SERIES
CHROMATOGRAPHY REFRIGERATORS
WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in single, double and triple door configurations
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, casters*, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
19	Cycle	1 Swing	4 Adj	28 ⁵ / ₈ x 27 x 78 ⁵ / ₈	R290	1/3	5.4	255	10819-298
23	Cycle	1 Swing	4 Adj	28 ¹ / ₂ x 32 x 78 ⁵ / ₈	R290	1/3	5.4	335	10819-300
26	Cycle	1 Swing	4 Adj	31 ¹ / ₂ x 31 ³ / ₄ x 78 ⁵ / ₈	R290	1/3	5.4	295	10819-302
33	Cycle	2 Slide	8 Adj	41 x 32 ¹ / ₈ x 78 ⁵ / ₈	R290	1/2	6.3	363	10819-304
35	Cycle	2 Swing	8 Adj	41 x 32 x 78 ⁵ / ₈	R290	1/3	6.2	375	10819-306
47	Cycle	2 Slide	8 Adj	55 ³ / ₄ x 32 ¹ / ₈ x 78 ⁵ / ₈	R290	1/2	8.5	445	10819-308
49	Cycle	2 Swing	8 Adj	55 ³ / ₄ x 31 ¹ / ₈ x 78 ⁵ / ₈	R290	1/2	8.5	455	10819-310
69	Cycle	3 Slide	12 Adj	79 ³ / ₄ x 32 ¹ / ₄ x 78 ⁵ / ₈	R290	1/2	9.3	645	10819-312
72	Cycle	3 Swing	12 Adj	79 ³ / ₄ x 32 x 78 ⁵ / ₈	R290	1/2	8.5	640	10819-314

*Casters add 4" to the height of Chromatography models.

**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-446

**VWR® PERFORMANCE SERIES
STAINLESS STEEL LABORATORY
REFRIGERATORS AND AUTO DEFROST
FREEZERS WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in refrigerators, freezers solid door only
3/5 Warranty	Three-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, casters*, sample-simulated probe, probe access port, UL/C-UL listed multi-point Temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds



MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

DATA ACQUISITION

- 24/7 Data logging
- 24-hour digital temperature chart
- Min/Max temp history
- USB port for data transfer
- 4-20mA output

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

TOUCHSCREEN TECHNOLOGY

- Digital temperature display
- Thermometer bar
- Electronic owner's manual access
- Troubleshooting guide
- Password protected

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL [†]	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
23	Cycle	1 Glass	3 Adj	27 x 31½ x 78¼	R290	¼	2.2	290	10819-440
23	Cycle	1 Solid	3 Adj	27 x 31½ x 78¼	R290	¼	2.2	270	10819-442
49	Cycle	2 Glass	6 Adj	54 x 31½ x 78¼	R290	½	5.4	435	10819-444
49	Cycle	2 Solid	6 Adj	54 x 31½ x 78¼	R290	½	5.4	415	10819-446
72	Cycle	3 Glass	9 Adj	78½ x 31½ x 78½	R290	¾	6.9	645	10819-448
72	Cycle	3 Solid	9 Adj	78½ x 31½ x 78½	R290	¾	6.9	600	10819-450
Freezers									
23	**Auto	1 Solid	3 Adj	27 x 31½ x 78¼	R290	½	3.7	270	10819-492
49	**Auto	2 Solid	6 Adj	54 x 30¾ x 78¼	R290	1	9.6	465	10819-494

*Casters add 5" to the height of Stainless Steel Laboratory Refrigerators and Auto Defrost Freezers.

**Auto Defrost freezer models have programmed defrost cycles that will reach air temperature of approximately 0°C.

†Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-860

**VWR® SERIES
STAINLESS STEEL LABORATORY
REFRIGERATORS AND AUTO DEFROST
FREEZERS WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in refrigerators, freezers solid door only
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, casters*, sample-simulated probe, probe access port, UL/C-UL listed multi-point Temperature mapping via NIST traceable data acquisition, 15 probes in air and 3 probes in sample solution for 360 minutes with temperature readings every 60 seconds

Disclaimer: Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL ¹	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
23	Cycle	1 Glass	3 Adj	27 x 31 ⁵ / ₈ x 78 ¹ / ₄	R290	1/4	2.2	290	10819-860
23	Cycle	1 Solid	3 Adj	27 x 31 ¹ / ₂ x 78 ¹ / ₄	R290	1/4	2.2	270	10819-862
49	Cycle	2 Glass	6 Adj	54 x 31 ⁵ / ₈ x 78 ¹ / ₄	R290	1/2	5.4	435	10819-864
49	Cycle	2 Solid	6 Adj	54 x 31 ¹ / ₂ x 78 ¹ / ₄	R290	1/2	5.4	415	10819-866
72	Cycle	3 Glass	9 Adj	78 ¹ / ₈ x 31 ⁵ / ₈ x 78 ⁵ / ₈	R290	3/4	6.9	645	10819-868
72	Cycle	3 Solid	9 Adj	78 ¹ / ₈ x 31 ¹ / ₂ x 78 ⁵ / ₈	R290	3/4	6.9	600	10819-470
Freezers									
23	**Auto	1 Solid	3 Adj	27 x 31 ⁵ / ₈ x 78 ¹ / ₄	R290	1/2	3.7	270	10820-418
49	**Auto	2 Solid	6 Adj	54 x 30 ³ / ₄ x 78 ¹ / ₄	R290	1	9.6	465	10820-632

*Casters add 5" to the height of Stainless Steel Laboratory Refrigerators and Auto Defrost Freezers.

**Auto Defrost freezer models have programmed defrost cycles that will reach air temperature of approximately 0°C.

¹Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-780

**VWR® SERIES
VWR COMPACT LABORATORY REFRIGERATORS**



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air
Configurations	Single glass and solid door configurations available
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed Door Locks, Probe Access Port, UL/C-UL Listed

Disclaimer: All Freestanding models require 4" of clearance around the back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- Digital temperature display
- Audible & visual high/low temperature alarms
- Remote alarm contacts

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
10.5	Cycle	1 Solid	6 Adj	23¾ x 26½ x 59	R600a	⅓	2.3	145	10819-780
10.5	Cycle	1 Glass	6 Adj	23¾ x 26½ x 59	R600a	⅓	2.3	160	10819-782

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-400

VWR® STANDARD SERIES LABORATORY REFRIGERATORS

New and improved for general purpose applications. Includes forced air directional cooling, microprocessor temperature controller, digital temperature display, and alarm package.

Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Available in single, double and triple solid door configurations
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed Door Locks, Casters*, Sample-Simulated Probe, Probe Access Port, UL/C-UL Listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- Sample-simulated temperature display
- Audio & visual high/low temperature alarms
- Sensor failure alarm

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
12	Cycle	1 Swing	3	25 x 29¾ x 62¼	R290	⅓	3	187	76169-620
16	Cycle	1 Swing	3	25 x 29¾ x 75½	R134a	⅓	6	237	10820-398
23	Cycle	1 Swing	4	26⅞ x 34¾ x 78¼	R134a	⅓	6	210	10820-400
26	Cycle	1 Swing	4	28⅜ x 36½ x 78¼	R290	⅓	3	235	76169-632
36	Cycle	2 Swing	8	39⅞ x 34¾ x 78¼	R134a	½	9	310	10820-404
49	Cycle	2 Swing	8	54 x 34¾ x 78¼	R134a	½	7	396	10819-826
72	Cycle	3 Swing	12	81 x 34 x 78¼	R290	½	7.5	550	76169-626

*Casters add 3½" to the height of Solid Door Laboratory Refrigerators.

**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-366

**VWR® PERFORMANCE SERIES
MANUAL DEFROST LABORATORY FREEZERS**

Temperature Range	-15° to -25°C (for -20°C models) -27° to -33°C (for -30°C models) Adjustable operating temperature range (°C or °F)
Refrigeration	Upright units feature Direct-cool fixed evaporator shelves with aluminum inner doors for temperature maintenance and recovery
Configurations	-20°C and -30°C options available where noted
3/5 Warranty	Three-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, caster platform*, sample-simulated probe, probe access port, UL/C-UL listed



MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

DATA ACQUISITION

- 24/7 Data logging
- 24-hour digital temperature chart
- Min/Max temp history
- USB port for data transfer
- 4-20mA output

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

TOUCHSCREEN TECHNOLOGY

- Digital temperature display
- Thermometer bar
- Electronic owner's manual access
- Troubleshooting guide
- Password protected

Volume, cu. ft.	Defrost	Temp.	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
14	Manual	-20°C	1 Solid	4	3 Fixed	29 ⁷ / ₈ x 32 ³ / ₄ x 62	R134a	1/3	5	163	10819-846
17	Manual	-20°C	1 Solid	4	3 Fixed	34 x 30 ³ / ₄ x 67 ¹ / ₂	R134a	1/3	5	205	10819-848
20	Manual	-20°C	1 Solid	5	4 Fixed	34 x 32 ³ / ₄ x 73 ¹ / ₄	R134a	1/3	5	254	10819-362
20	Manual	-30°C	1 Solid	5	4 Fixed	34 x 32 ³ / ₄ x 73 ¹ / ₄	R134a	1/3	5	254	10819-366
30	Manual	-20°C	1 Solid	5	4 Fixed	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1/3	6	402	10819-364
30	Manual	-30°C	1 Solid	5	4 Fixed	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1	10.7	402	10819-368

*Caster Platform adds 4" to height when installed.



**VWR® SERIES
MANUAL DEFROST LABORATORY FREEZERS**

Temperature Range	-15° to -25°C (for -20°C models) -27° to -33°C (for -30°C models) Adjustable operating temperature range (°C or °F)
Refrigeration	Upright units feature Direct-cool fixed evaporator shelves with aluminum inner doors for temperature maintenance and recovery
Configurations	-20°C and -30°C options available where noted
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, caster platform*, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Microprocessor temperature controller
- Adjustable operating temperature range: -15 to -25 °C
- Temperature display and alarm module

MONITORING & ALARMS

- Audible and visual high/low temperature alarms
- Sensor error alarm
- Power failure alarm
- Resettable 1-point Min/Max history
- Remote alarm contacts

Volume, cu. ft.	Defrost	Temp.	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Upright Freezers											
14	Manual	-20°C	1 Solid	4	3 Fixed	29 ⁷ / ₈ x 32 ³ / ₄ x 62	R134a	1/3	5	163	10819-384
17	Manual	-20°C	1 Solid	4	3 Fixed	34 x 30 ³ / ₄ x 67 ¹ / ₂	R134a	1/3	5	205	10819-386
20	Manual	-20°C	1 Solid	5	4 Fixed	34 x 32 ³ / ₄ x 73 ¹ / ₄	R134a	1/3	5	254	10819-388
20	Manual	-30°C	1 Solid	5	4 Fixed	34 x 32 ³ / ₄ x 73 ¹ / ₄	R134a	1/3	5	254	10820-408
30	Manual	-20°C	1 Solid	5	4 Fixed	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1/3	6	402	10820-406
30	Manual	-30°C	1 Solid	5	4 Fixed	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1	10.7	402	10820-410
Chest Freezers											
15	Manual	-25°C	1 Solid	None	2 Removable Baskets	56 x 29 ¹ / ₂ x 35 ¹ / ₈	R134a	1/4	5	190	76284-668
22	Manual	-25°C	1 Solid	None	2 Removable Baskets	74 ³ / ₈ x 29 ¹ / ₂ x 34	R134a	1/4	5	219	76285-194

*Caster Platform adds 4" to height when installed. (Excludes chest freezers and Hydrocarbon units)



75836-238

**VWR® SERIES
MANUAL DEFROST LABORATORY FREEZERS
WITH NATURAL REFRIGERANTS**



Temperature Range	-15° to -25°C Adjustable operating temperature range (°C or °F)
Refrigeration	Environmentally friendly natural hydrocarbon refrigerants which vastly reduce global-warming potential while meeting new EPA/SNAP mandates
Configurations	Available in solid door configurations
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, caster platform*, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- Sample-simulated temperature display
- Audible & visual high/low temperature alarms
- Sensor failure alarm

Volume, cu. ft.	Defrost	Temp.	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Upright Freezers											
14	Manual	-20°C	1 Solid	None	6 Fixed	23 ⁵ / ₈ x 24 ³ / ₈ x 73	R290	1/2	1.96	145	76177-832
20	Manual	-20°C	1 Solid	None	6 Fixed	30 ³ / ₄ x 28 ¹ / ₂ x 74 ⁵ / ₈	R290	1/2	1.96	207	75836-238

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-410

**VWR® STANDARD SERIES
MANUAL DEFROST LABORATORY FREEZERS**

Temperature Range	-15°C to -25°C Adjustable operating temperature range (°C or °F)
Refrigeration	Upright units feature direct-cool fixed evaporator shelves
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed



76285-196

Volume, cu. ft.	Defrost	Temp.	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Upright Freezers											
14	Manual	-20°C	1 Solid	None	3 Fixed	29 ⁷ / ₈ x 32 ³ / ₄ x 62	R134a	1/3	5	125	10819-404
17	Manual	-20°C	1 Solid	None	3 Fixed	34 x 30 ³ / ₄ x 67 ¹ / ₂	R134a	1/3	5	167	10819-406
20	Manual	-20°C	1 Solid	None	4 Fixed	34 x 32 ³ / ₄ x 73 ¹ / ₄	R134a	1/3	5	170	10819-408
30	Manual	-20°C	1 Solid	None	4 Fixed	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1/3	6	305	10819-410
Chest Freezers											
15	Manual	-20°C	1 Solid	None	2 Removable Baskets	56 x 29 ¹ / ₂ x 35 ¹ / ₈	R134a	1/4	5	190	76285-196
20	Manual	-20°C	1 Solid	None	2 Removable Baskets	74 ³ / ₈ x 29 ¹ / ₂ x 34	R134a	1/4	5	219	76285-198



10819-418

**VWR® STANDARD SERIES
AUTO DEFROST LABORATORY FREEZERS**

Temperature Range	-15° to -25°C Adjustable operating temperature range (°C or °F)
Refrigeration	Auto defrost cycles eliminate need for manual defrosting of unit
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed

****Disclaimer:** Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Volume, cu. ft.	Defrost	Temp.	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Upright Freezers											
14	**Auto	-20°C	1 Solid	None	3 Fixed	29 ⁵ / ₈ x 32 ³ / ₄ x 61 ¹ / ₂	R134a	1/4	5	160	10819-416
17	**Auto	-20°C	1 Solid	None	4 Fixed	34 x 31 x 67	R134a	1/3	5	188	10819-418
20	**Auto	-20°C	1 Solid	None	4 Fixed	35 x 33 x 73 ¹ / ₂	R134a	1/4	5	170	10819-850
30	**Auto	-20°C	1 Solid	None	5 Adj	35 ³ / ₄ x 34 ¹ / ₄ x 72 ¹ / ₂	R404a	1/2	9	340	10819-852



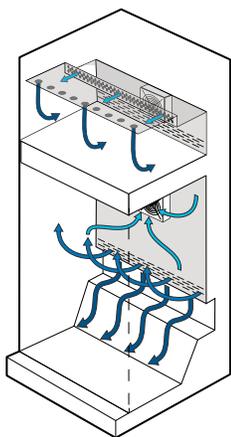
10819-930

100% INDEPENDENT DUAL TEMPERATURE LABORATORY REFRIGERATOR / FREEZER COMBO

Accessories	Data loggers Extra shelves
Standard Features Package	Standard features include a microprocessor temperature controller for superior temperature control, verification, and recovery. An interior fan driven, forced-draft air circulation system provides excellent temperature uniformity after door openings. Also equipped with a digital temperature display for convenient monitoring. An extensive package of audible and visual alarms is provided to protect critical samples.

features and benefits

- Two independent mechanical refrigeration systems
- Individual microprocessor
- Temperature controllers for both the refrigerator and freezer
- Independent temperature displays
- Two isolated audible & visual high/low alarm systems remote alarm contacts
- Both chambers feature forced draft circulation incorporating stainless steel directional rear air plenums
- Proprietary & preferred auto defrost freezer
- Isolates & maintains both refrigerated and frozen samples with superior temperature performance for both the refrigerator & freezer
- Independent and precise temperature control over both the refrigerator & freezer
- Immediate verification of required temperatures
- Maintains independent security for both refrigerated & frozen samples
- Superior temperature uniformity
- Automatically removes damaging frost build up while maintaining frozen temperatures similar to those found in manual defrost freezers



Forced draft circulation in both chambers

Volume, cu. ft., Refrigerator/Freezer	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
13/ 3	Cycle/Auto	2 Solid	3 Adj/1 Fixed	29½ x 34¾ x 78	R134a	⅓	7.5	263	10819-930



10819-926

**VWR® SERIES
SPACE SAVING REFRIGERATOR/FREEZER COMBOS
WITH NATURAL REFRIGERANTS**



A variety of sizes and configurations are available to provide a solution where space is at a premium.

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Freezers: direct-cool fixed evaporator shelves Refrigerators: forced air directional cooling
Configurations	Available in sizes 7 to 16 cu. ft. Manual & auto defrost freezers where noted
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- High/low – temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Volume, cu. ft., Refrigerator/Freezer	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P., Refrigerator/Freezer	Amps, Refrigerator/Freezer	Weight, lbs.	Cat. No.
10.5/ 1.7	Cycle/Manual	1 Glass / 1 Solid	6 Adj/2 Adj	23¾ x 26½ x 80¼	R600a	½ / ⅙	2.3 / 1	200	10819-794
4.6/ 4.2	Cycle/Manual	1 Glass / 1 Solid	2 Adj, 1 Fixed/2 Fixed	23¾ x 25½ x 66¾	R600a	⅙ / ⅙	1.74 / 1.5	200	10819-924
5.2/ 1.7	Cycle/Manual	1 Glass / 1 Solid	3 Adj/2 Adj	23¾ x 24¼ x 53⅞	R600a	⅙ / ⅙	1.3 / 1	135	10819-928
10.5/ 1.7	Cycle/Manual	2 Solid	6 Adj/2 Adj	23¾ x 26½ x 80¼	R600a	½ / ⅙	2.3 / 1	185	10819-922
4.5/ 4.2	Cycle/Manual	2 Solid	2 Adj, 1 Fixed/2 Fixed	23¾ x 24½ x 66¾	R600a	⅙ / ⅙	1.74 / 1.5	200	10819-926

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



97058-842

**VWR® STANDARD SERIES
DUAL TEMPERATURE REFRIGERATOR/FREEZER COMBOS**

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Designed specifically for general purpose applications where precise temperature control, maintenance and alarms are not necessary
Configurations	Available in sizes 17 to 30 cu. ft. Manual & auto defrost freezers where noted
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Probe access port, UL/C-UL listed

TEMPERATURE CONTROLLER

- Mechanical thermostat factory preset for best performance

Disclaimer: Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Volume, cu. ft., Refrigerator/Freezer	Defrost	Door	Int. Door	Shelves, Refrigerator/Freezer	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
13/ 4	**Auto	2 Solid	None	1 Fixed/2 Adj	28½ x 32 x 65	R134a	¼	6	190	97058-840
15.5/ 5.5	**Auto	2 Solid	None	2 Adj, 1 Fixed/1 Fixed	30 x 34¼ x 68½	R134a	¼	6	220	97058-842
25/ 5	Manual	1 Solid	1	3 Adj/None	35¾ x 35½ x 72½	R404a	⅓	6	343	97055-710



10819-676

**VWR® SERIES
PASS-THRU LABORATORY REFRIGERATORS
WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Available in slide or swing door configurations
2/5 Warranty	Two-year parts and labor warranty, five years on compressor parts
Standard Features Package	Casters*, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

MONITORING & ALARMS

- Sample-simulated temperature display
- 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

Volume, cu. ft.	Defrost	Front Door	Back Door	Shelves	Exterior Dimensions, W x D x H, in.	RL**	H.P.	Amps	Weight, lbs.	Cat. No.
47	Cycle	2 Slide Glass	2 Solid	8 Adj	54 ¹ / ₈ x 32 ³ / ₈ x 78 ⁵ / ₈	R290	1/2	8.8	525	10819-674
49	Cycle	2 Swing Glass	2 Solid	8 Adj	54 ¹ / ₈ x 33 ³ / ₈ x 78 ⁵ / ₈	R290	1/2	8.5	525	10819-676

*Casters add 4" to height when installed.

**Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-692

**VWR® PERFORMANCE SERIES
FLAMMABLE REFRIGERATORS & FREEZERS**

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	No internal electrical components inside of unit Electrical compressor components sealed in vapor-proof enclosure for additional safety
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
3 Warranty	Three-year parts and labor warranty
Standard Features Package	Keyed door locks, sample-simulated probe, probe access port, UL/C-UL listed

Meet NFPA and OSHA guidelines 45 & 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.



MONITORING & ALARMS

- Sample-simulated temperature display
- Full alarm package
- Alarm mute with ring back
- Adjustable volume
- Alarm battery backup
- Remote contacts
- Alarm validation

DATA ACQUISITION

- 24/7 Data logging
- 24-hour digital temperature chart
- Min/Max temp history
- USB port for data transfer
- 4-20mA output

TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

TOUCHSCREEN TECHNOLOGY

- Digital temperature display
- Thermometer bar
- Electronic owner's manual access
- Troubleshooting guide
- Password protected

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
14	Cycle	1 Solid	1 Adj/2 Fixed	29¾ x 34¼ x 65¾	R134a	⅓	5	186	10819-728
17	Cycle	1 Solid	1 Adj/2 Fixed	34 x 32¼ x 71⅝	R134a	⅓	5	214	10819-730
20	Cycle	1 Solid	1 Adj/3 Fixed	34 x 34½ x 76¾	R134a	⅓	5	266	10819-732
30	Cycle	1 Solid	5 Adj	35¾ x 35 x 76¾	R404a	⅓	6	331	10819-734
Freezers									
14	Manual	1 Solid	3 Fixed	29¾ x 34¼ x 65¾	R134a	⅓	5	183	10819-688
17	Manual	1 Solid	3 Fixed	34 x 32¼ x 71⅝	R134a	⅓	5	211	10819-690
20	Manual	1 Solid	4 Fixed	34 x 34½ x 76¾	R134a	⅓	5	263	10819-692
30	Manual	1 Solid	4 Fixed	35¾ x 35 x 76¾	R404a	⅓	6	328	10819-694



10819-904

**VWR® SERIES
FLAMMABLE REFRIGERATORS & FREEZERS**

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	No internal electrical components inside of unit Electrical compressor components sealed in vapor-proof enclosure for additional safety
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, sample-simulated probe, probe access port, UL/C-UL listed

Meet NFPA and OSHA guidelines 45 & 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance
- Independent operation for security

MONITORING & ALARMS

- Sample-simulated temperature display
- 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

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
14	Cycle	1 Solid	1 Adj/2 Fixed	29¾ x 34¼ x 65¾	R134a	⅓	5	181	10819-748
17	Cycle	1 Solid	1 Adj/2 Fixed	34 x 32¼ x 71⅝	R134a	⅓	5	209	10819-902
20	Cycle	1 Solid	1 Adj/3 Fixed	34 x 34½ x 76¾	R134a	⅓	5	261	10819-904
30	Cycle	1 Solid	5 Adj	35¾ x 35 x 76¾	R404a	⅓	6	326	10819-906
Freezers									
14	Manual	1 Solid	3 Fixed	29¾ x 34¼ x 65¾	R134a	⅓	5	178	10819-700
17	Manual	1 Solid	3 Fixed	34 x 32¼ x 71⅝	R134a	⅓	5	206	10819-702
20	Manual	1 Solid	4 Fixed	34 x 34½ x 76¾	R134a	⅓	5	253	10819-704
30	Manual	1 Solid	4 Fixed	35¾ x 35 x 76¾	R404a	⅓	6	323	10819-706



75982-592

**VWR® SERIES
FLAMMABLE REFRIGERATORS & FREEZERS
WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	No internal electrical components inside of unit Electrical compressor components sealed in vapor-proof enclosure for additional safety
Configurations	Undercounter and solid door configurations
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, sample-simulated probe, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- High/low – temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerator									
5	Cycle	1 Solid	3 Adj	23 ⁵ / ₈ x 24 ¹ / ₄ x 32 ³ / ₁₆	R600a	1/8	1.2	84	10819-746
Freezers									
4	Manual	1 Solid	2 Fixed	23 ⁵ / ₈ x 24 ¹ / ₄ x 32 ³ / ₁₆	R600a	1/8	1.4	91	10820-434
14	Manual	1 Solid	6 Fixed	23 ⁵ / ₈ x 24 ³ / ₈ x 73	R290	1/2	1.96	145	76177-834
20	Manual	1 Solid	6 Fixed	30 ³ / ₄ x 28 ¹ / ₂ x 74 ³ / ₈	R290	1/2	1.96	207	75982-592
Dual Temperature									
5/ 4	Cycle/Manual	2 Solid	3 Adj/2 Fixed	23 ⁵ / ₈ x 24 ¹ / ₄ x 65 ³ / ₈	R600a	1/8, 1/8	1.2, 1.4	175	75795-828

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-760

**VWR® STANDARD SERIES
FLAMMABLE REFRIGERATORS & FREEZERS**

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	No internal electrical components inside of unit Electrical compressor components sealed in vapor-proof enclosure for additional safety
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed

Meet NFPA and OSHA guidelines 45 & 70 for the refrigerated storage of flammable (volatile) materials in general laboratory work areas.

Volume, cu. ft.	Defrost	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators										
14	Cycle	1 Solid	None	1 Adj/2 Fixed	29¾ x 34¼ x 62	R134a	⅓	5	176	10819-760
17	Cycle	1 Solid	None	1 Adj/2 Fixed	34 x 33 x 67½	R134a	⅓	5	204	10819-762
20	Cycle	1 Solid	None	1 Adj/3 Fixed	34 x 35¼ x 73¼	R134a	⅓	5	256	10819-764
30	Cycle	1 Solid	None	5 Adj	35¾ x 35½ x 72½	R404a	⅓	6	321	10819-766
30	Manual	1 Solid	1 Freezer	3 Adj	35¾ x 35½ x 72½	R404a	⅓	6	336	10819-768*
Freezers										
14	Manual	1 Solid	None	3 Fixed	29¾ x 34¼ x 62	R134a	⅓	5	173	10819-718
17	Manual	1 Solid	None	3 Fixed	34 x 33 x 67½	R134a	⅓	5	201	10819-720
20	Manual	1 Solid	None	4 Fixed	34 x 35¼ x 73¼	R134a	⅓	5	253	10819-722

*Cat. No. 10819-768 is a refrigerator/freezer combo with 3 adjustable shelves in the refrigerator; no shelves in the freezer.



10819-770

**VWR® STANDARD SERIES
HAZARDOUS LOCATION (EXPLOSION
PROOF) REFRIGERATORS & FREEZERS**

Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Units are designed with no internalelectrical components and all external components are sealed per NFPA and OSHA guidelines. Units must be hard wired in conduit to 120VAC power source. Power cords with plugs are NOT ACCEPTABLE.
Configurations	Available in sizes ranging from 14 to 30 cu. ft.
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, UL/C-UL listed

Meet NFPA and OSHA guidelines for Hazardous Locations, Class 1, Division II, Group C & D. They are not intended for common lab / room environments that are not designed to be explosion proof.

Volume, cu. ft.	Defrost	Door	Int. Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators										
14	Cycle	1 Solid	None	1 Adj/2 Fixed	29 ⁷ / ₈ x 34 ¹ / ₂ x 66 ¹ / ₂	R134a	¹ / ₃	5	188	10819-920
17	Cycle	1 Solid	None	1 Adj/2 Fixed	34 x 32 ¹ / ₂ x 72	R134a	¹ / ₃	5	216	10819-770
20	Cycle	1 Solid	None	1 Adj/3 Fixed	34 x 34 ¹ / ₂ x 77 ³ / ₄	R134a	¹ / ₃	5	268	10819-772
30	Cycle	1 Solid	None	5 Adj	35 ³ / ₄ x 35 ¹ / ₄ x 77 ¹ / ₂	R404a	¹ / ₃	6	333	10819-774
30	Manual	1 Solid	1 Freezer	3 Adj	35 ³ / ₄ x 36 ¹ / ₄ x 77 ¹ / ₂	R404a	¹ / ₃	6	348	10819-776*
Freezers										
14	Manual	1 Solid	None	3 Fixed	29 ⁷ / ₈ x 34 ¹ / ₂ x 66 ¹ / ₂	R134a	¹ / ₃	5	185	10819-910
17	Manual	1 Solid	None	3 Fixed	34 x 32 ¹ / ₂ x 72	R134a	¹ / ₃	5	213	10819-912
20	Manual	1 Solid	None	4 Fixed	34 x 34 ¹ / ₂ x 77 ³ / ₄	R134a	¹ / ₃	5	265	10819-914
30	Manual	1 Solid	None	4 Fixed	35 ³ / ₄ x 35 ¹ / ₄ x 77 ¹ / ₂	R404a	¹ / ₃	6	330	10819-916

*Cat. No. 10819-776 is a refrigerator/freezer combo with 3 adjustable shelves in the refrigerator; no shelves in the freezer.



10819-886



10819-890

**VWR® SERIES
BUILT-IN UNDERCOUNTER REFRIGERATORS &
FREEZERS WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air directional cooling with oversized evaporators and condensers (refrigerators only)
Configurations	Glass and solid door options available in refrigerators, freezers solid door only
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed



**TEMPERATURE
CONTROLLER**

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- High/low – temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Disclaimer: Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
4.6	Cycle	1 Solid	2 Adj/1 Fixed	23¾ x 24½ x 33¾	R600a	⅓	1.74	97	10819-880
4.6	Cycle	1 Glass	2 Adj/1 Fixed	23¾ x 25½ x 33¾	R600a	⅓	1.74	97	10819-882
4.6	Cycle	1 Glass	2 Adj/1 Fixed	23¾ x 25½ x 31⅞	R600a	⅓	1.74	97	10819-884
4.5	Cycle	1 Stainless	2 Adj/1 Fixed	23¾ x 24½ x 33¾	R600a	⅓	1.74	100	10819-886

Volume, cu. ft.	Defrost	Temp.	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Freezers										
4.2	Manual	-20°C	1 Solid	2 Fixed	23¾ x 24½ x 33¾	R600a	⅓	1.5	100	10819-666
4.2	Manual	-20°C	1 Solid	2 Fixed	23¾ x 24½ x 31⅞	R600a	⅓	1.5	108	10819-668
4.2	Manual	-20°C	1 Stainless	2 Fixed	23¾ x 24½ x 33¾	R600a	⅓	1.5	100	10819-888
4.2	**Auto	-20°C	1 Solid	3 Adj	23¾ x 24½ x 33¾	R600a	⅓	1.8	100	10819-890

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-872



10819-892

VWR® SERIES FREESTANDING UNDERCOUNTER/ TABLE TOP REFRIGERATORS & FREEZERS WITH NATURAL REFRIGERANTS



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [-20° model] -27° to -33°C [-30° model] -37° to -43°C [-40° model] Adjustable operating temperature range (°C or °F)
Refrigeration	Uniform forced air Directional cooling with oversized evaporators and condensers
Configurations	Glass and solid door options available in refrigerators, freezers solid door only
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed



TEMPERATURE CONTROLLER

- Digital setting accuracy
- Precise temperature maintenance

MONITORING & ALARMS

- High/low – temperature alarm
- Sensor error alarm
- Alarm mute
- Remote contacts

Disclaimers: All Freestanding refrigerator models require 4" of clearance around the back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
1	Cycle	1 Solid	2 Adj	17¼ x 19¼ x 21¼	R600a	⅙	.9	40	10819-646
1	Cycle	1 Glass	2 Adj	17¼ x 19¼ x 21¼	R600a	⅙	.9	40	10834-032
2.5	Cycle	1 Solid	4 Adj	17¾ x 19½ x 28⅞	R600a	⅙	.9	68	10819-870
2.5	Cycle	1 Glass	4 Adj	17¾ x 19½ x 28⅞	R600a	⅙	.9	68	10819-872
5.2	Cycle	1 Glass	3 Adj	23¾ x 24 x 32⅞	R600a	⅙	1.3	93	10819-876

Volume, cu. ft.	Defrost	Temp.	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Freezers										
1.7	Manual	-20°C	1 Solid	2 Adj	23¾ x 24 x 20⅞	R600a	⅙	1	80	10819-662
1.3	**Auto	-20°C	1 Solid	2 Adj	23¾ x 24 x 20⅞	R600a	⅙	1	80	10819-664
4	Manual	-30°C	1 Solid	3 Adj	23¾ x 24 x 32⅞	R290	¼	2.2	93	10819-892
4	Manual	-40°C	1 Solid	3 Adj	23¾ x 24 x 32⅞	R290	¼	2.2	93	10834-034

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



10819-650

**VWR® STANDARD SERIES
UNDERCOUNTER FREESTANDING REFRIGERATORS
& FREEZERS WITH NATURAL REFRIGERANTS**



Temperature Range	1° to 10°C [Refrigerator] -15° to -25°C [Freezer] Adjustable operating temperature range (°C or °F)
Refrigeration	Designed specifically for general purpose applications; where precise temperature control, maintenance, and alarms are not necessary.
Configurations	Solid door, freestanding refrigerator and freezer
2 Warranty	Two-year parts and labor warranty
Standard Features Package	Keyed door locks, probe access port, UL/C-UL listed

Disclaimer: Freestanding models require 4" of clearance around the back and sides of the unit for proper ventilation. Improper installation will void the warranty and will lead to temperature maintenance issues, overheating and possible failure.

Volume, cu. ft.	Defrost	Temp.	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL*	H.P.	Amps	Weight, lbs.	Cat. No.
Freezers										
4	Manual	-20°C	1 Solid	2 Fixed	21½ x 22¼ x 32¾	R600a	⅓	1.90	67	10819-894
5	Cycle	4°C	1 Solid	2 Adj/1 Fixed	20¼ x 21¾ x 32¼	R600a	⅓	.90	60	10819-650

*Green indicates environmentally friendly, natural hydrocarbon (HC) refrigerants



97055-692

**VWR® GENERAL PURPOSE
REFRIGERATORS**

Temperature Range	1° to 10°C [Refrigerator] Adjustable operating temperature range (°C or °F)
Refrigeration	Designed specifically for general purpose applications; where precise temperature control, maintenance, and alarms are not necessary.
Configurations	Solid door
2/5 Warranty	Two-year parts and labor warranty Plus an additional three-year compressor parts warranty
Standard Features Package	Probe access port, UL/C-UL listed

Disclaimer: Auto defrost freezers incorporate an electric heater installed on the evaporator that assist in the removal of the frost and ice. Although the heater helps speed up the frost and ice removal, it can raise the temperatures within the freezer. These air temperature spikes can be harmful to some medical and laboratory products.

Volume, cu. ft.	Defrost	Door	Shelves	Exterior Dimensions, W x D x H, in.	RL	H.P.	Amps	Weight, lbs.	Cat. No.
Refrigerators									
18	Auto	1 Solid	4 Fixed	34 x 31½ x 67¾	R134a	¼	5	157	97018-480
30	Auto	1 Solid	5 Adj	35¾ x 34¼ x 72½	R134a	⅓	6.8	340	97055-692

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