

VWR®

vwr™
part of avantor

Chambers, Incubators & Ovens

01. SUPERIOR
TEMPERATURE
ACCURACY

02. EXCELLENT
RECOVERY TIME

03. TWO-YEAR
WARRANTY



VWR
COLLECTION

VWR® Chambers, Incubators & Ovens

VWR Ovens and Incubators provide superior temperature accuracy and excellent recovery time for a wide range of demanding applications.

Forced air units offer uniform heating, precise temperature control, and fast processing using a blower that circulates heated air in a horizontal airflow pattern. Gravity convection units feature a vertical airflow pattern perfect for drying samples that require a low-turbulence environment.

Contact your local VWR Sales Representative today for more information!

Need product support? VWR offers one source for all of your VWR technical product questions.

Email TechnicalProductSupportNA@vwr.com or call 1 888 897 5463 to speak with an expert.



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VWR® SIGNATURE™ DIURNAL GROWTH CHAMBER, MODEL 2015
DESIGNED FOR STUDIES REQUIRING DAY AND NIGHT SIMULATION

- Microprocessor temperature control
- Dual program
- Easy keypad set and calibration
- CFC-free refrigerant
- Diurnal illumination
- Interior electrical outlet
- VWR two-year limited parts and labor warranty

The unit is equipped with a hermetically-sealed compressor and an independent over temperature safety controller. In addition, a one amp interior outlet allows use of shakers, stirrers, roller bottles or other apparatus. This chamber is ideal for plant growth studies.



Exterior Dimensions (W x D x H)	92.7 x 87.6 x 199.3 cm (36.5 x 34.5 x 78.5")
Interior Dimensions (W x D x H)	68.5 x 58.4 x 143.5 cm (27.0 x 23.0 x 56.5")
Shipping Weight	172.8 kg (381 lbs.)
Temperature Uniformity	±0.5° at 20°C

Description	Electrical	Volume	No. of Shelves	Temperature Range	Cat. No.
Diurnal Growth Chamber Model 2015	115V, 1200W	467 L (16.5 cu. ft.)	4 Fixed	0 to 40°C (32 to 104°F)	35960-076

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VWR® SIGNATURE™ BENCHTOP SHAKING INCUBATORS
TRANSPARENT HOOD LIFTS UP VIA A HYDRAULIC SYSTEM, SO IT CAN FUNCTION IN TIGHT PLACES

- Microprocessor controlled
- User-adjustable stroke lengths of 1/2", 3/4" or 1"
- Stainless steel interior



Exterior Dimensions	55.9 x 64.8 x 71.2 cm (22.0 x 25.5 x 28.0")
Platform Dimensions	43.8 x 43.8 cm (17 1/4 x 17 1/4")
Speed Range	30-400 rpm
Temperature Range	8° above ambient to 60°C (140°F)
Uniformity	±0.5°C @ 37°C
Volume	92 L (3.3 cu. ft.), chamber

Description	Electrical	Exterior Dimensions	Cat. No.
Benchtop Shaking Incubator, Model 1570	120V, 50/60Hz, 1100W	74 W x 69 L x 104 cm H (29 W x 27 L x 41" H)	14004-300

Accessories	Accessories		
Rack for 10-13 mL Test Tubes	14231-844	Flask Clamps, 50 mL Flasks (50 Maximum)	52202-566
Rack for 14-16 mL Test Tubes	14231-846	Flask Clamps, 125 mL Flasks (25 Maximum)	52202-568
Rack for 18-20 mL Test Tubes	14231-848	Flask Clamps, 250 mL Flasks (25 Maximum)	52202-570
Rack for 22-25 mL Test Tubes	14231-850	Flask Clamps, 500 mL Flasks (10 Maximum)	52202-572
Rack for 50 mL Test Tubes	14231-852	Flask Clamps, 1 L Flasks (10 Maximum)	52202-574
Flask Clamps, 25 mL Flasks (50 Maximum)	52202-564		

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VWR® SIGNATURE™ REACH-IN INCUBATORS

PROVIDES 30.8 AND 38.6 CU.FT. CHAMBER CAPACITIES WHILE MINIMIZING THE AMOUNT OF FLOOR SPACE USED

- Microprocessor temperature control
- Over-temperature safety protection
- Gentle air flow
- Temperature uniformity to 0.8°C
- Four interior electrical outlets
- Pre-wired access panel for optional chart recorder
- VWR two-year warranty on parts and labor

Both models are supplied with six shelves capable of supporting the weight of benchtop instruments. The air jacket design and heated outer door allows for uniform heat throughout the incubators. Both models incorporate a microprocessor controller to achieve precise temperature uniformity.



Large capacity with small footprint

No. of Shelves	6
Temperature Range	8° above ambient to 70°C (158°F)
Temperature Uniformity	±0.8° @ 37°C

Description	Electrical	Volume	Exterior Dimensions	Interior Dimensions	Cat. No.
Large Laboratory Incubator, Model 1915A	120V, 50/60Hz, 1485W, 8.5A	872 L (30.8 cu. ft.)	97.8 x 86.4 x 191.2 cm (38.5 x 34.0 x 75.3")	81.9 x 66.0 x 161.2 cm (32.2 x 26.0 x 63.5")	35962-062
Large Laboratory Incubator, Model 1915A-2	220V, 50/60Hz, 1485W, 8.5A	872 L (30.8 cu. ft.)	97.8 x 86.4 x 191.2 cm (38.5 x 34.0 x 75.3")	81.9 x 66.0 x 161.2 cm (32.2 x 26.0 x 63.5")	35962-063
Large Laboratory Incubator, Model 1925A	120V, 50/60Hz, 1650W	1092 L (38.6 cu. ft.)	105.4 x 88.3 x 222.3 cm (41.5 x 34.8 x 87.5")	88.9 x 66.0 x 186.0 cm (35.0 x 26.0 x 73.2")	35962-095
Large Laboratory Incubator, Model 1925A-2	220V, 50/60Hz, 1650W	1092 L (38.6 cu. ft.)	105.4 x 88.3 x 222.3 cm (41.5 x 34.8 x 87.5")	88.9 x 66.0 x 186.0 cm (35.0 x 26.0 x 73.2")	35962-096

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VWR® GENERAL PURPOSE DIGITAL LABORATORY INCUBATORS, 10.8 CUBIC FEET

DELIVERS A DEGREE OF TEMPERATURE UNIFORMITY USUALLY FOUND ONLY IN MORE EXPENSIVE, APPLICATION-SPECIFIC MODELS

Features include: Microprocessor control, independent over temperature, thermostat, unique warm air jacket design, interior outlet, heated outer door, viewing door, stainless steel interior, access port

This high level of performance is due to a precise microprocessor controller and a unique warm air jacket design. Triple wall construction allows heated air to circulate within an open plenum between the inner chamber and exterior walls.



Exterior Dimensions	108 x 68.6 x 96.6 cm (42.5 x 27 x 38")
Interior Dimensions WxDxH (mm)	92W x 50.8D x 65.4H cm (36.2 x 20 x 25.7")
No. of Shelves	6 supplied (12 maximum)
Temperature Range (°C)	Ambient +8 to 70°C
Temperature Uniformity	+/-0.35°C at 37°C

Description	Electrical	Volume	Shipping Weight	Cat. No.
VWR Incubator with Side by Side Doors 10.8 CFT (1556)	120V, 50/60Hz, 850W, 5.9A	306 L (10.8 cu.ft.)	120 lbs.	97058-224
VWR Incubator with Side by Side Doors 10.8 CFT 220V (1556-2)	220V, 50/60Hz, 850W, 5.9A	306 L (10.8 cu.ft.)	120 lbs.	97058-226

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VWR® SIGNATURE™ B.O.D. LOW TEMPERATURE REFRIGERATED INCUBATORS, 2.4 CU.FT.

COMMONLY USED FOR APPLICATIONS SUCH AS B.O.D. DETERMINATIONS, PLANT AND INSECT STUDIES, FERMENTATION STUDIES, AND BACTERIAL CULTURING

- Microprocessor control
- Digital display of temperature
- Easy keypad set and calibration
- Safety high/low-limit thermostat
- Bench top or under counter installation
- Gentle forced air circulation
- Interior electrical outlet
- VWR two-year limited parts and labor warranty



Exterior Dimensions	61.0 x 53.4 x 85.8 cm (24.0 x 21.0 x 33.8")
Interior dimensions WxDxH (mm)	40.6 x 30.4 x 54.6 cm (16.0 x 12.0 x 21.5")
Temperature Range	0°C to 45°C
Volume	67 L (2.4 cu. ft.)

Description	Electrical	Cat. No.
B.O.D. Incubator 2005	120V, 50/60Hz, 400W	35960-056
B.O.D. Incubator 2005-2	220V, 50Hz, 400W	35960-057

Accessories	Cat. No.
Shelf for Model 2005	52201-528

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VWR® B.O.D. REFRIGERATED PELTIER INCUBATORS, HIGH EFFICIENCY NEW ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY REFRIGERATED INCUBATORS

- Offers a 78% reduction in energy consumption
- Provide improved temperature uniformity, digital temperature controller with display, and over temperature limit control
- Compressor-free design

Using innovative peltier cooling technology, VWR refrigerated incubators offer a 78% reduction in energy consumption over traditional compressor based refrigerated incubators.



No. of Outlets	One internal
Shelf Weight Capacity	75 lbs. each
Temperature Range (°C)	15°C to 40°C at 20°C ambient
Temperature Uniformity	+/-0.5°C at 20°C

Description	Electrical	Bottle Capacity	Capacity	Exterior Dimensions	Interior Dimensions	No. of Shelves	Cat. No.
Small B.O.D. Incubator	100-120V, 50/60Hz, 360W	60 (BOD)	85 L (3 cu. ft.)	61.2 x 53.1 x 85.9 cm (24.1 x 21.3 x 33.8")	48 x 42.9 x 67.1 cm (18.9 x 16.9 x 26.4")	2	89510-738
Small B.O.D. Incubator	220-240V, 50/60Hz, 480W	60 (BOD)	85 L (3 cu. ft.)	61.2 x 53.1 x 85.9 cm (24.1 x 21.3 x 33.8")	48 x 42.9 x 67.1 cm (18.9 x 16.9 x 26.4")	2	89510-740
Under Counter B.O.D. Incubator	100-120V, 50/60Hz, 360W	120 (BOD)	185 L (6.5 cu. ft.)	76.2W x 80D x 85.1H cm (30.0 x 31.5 x 33.5")	64.8W x 61D x 47.1H cm (25.5 x 24.0 x 18.5")	2	89510-742
Under Counter B.O.D. Incubator	220-240V, 50/60Hz, 480W	120 (BOD)	185 L (6.5 cu. ft.)	76.2W x 80D x 85.1H cm (30.0 x 31.5 x 33.5")	64.8W x 61D x 47.1H cm (25.5 x 24.0 x 18.5")	2	89510-744
Large Capacity B.O.D. Incubator	100-120V, 50/60Hz, 660W	300 (BOD)	546 L (19.3 cu. ft.)	76.2W x 80D x 176.6H cm (30.0 x 31.5 x 69.5")	64.8W x 61D x 138.4H cm (25.5 x 24.0 x 54.5")	5	89510-746
Large Capacity B.O.D. Incubator	220-240V, 50/60Hz, 840W	300 (BOD)	546 L (19.3 cu. ft.)	76.2W x 80D x 176.6H cm (30.0 x 31.5 x 69.5")	64.8W x 61D x 138.4H cm (25.5 x 24.0 x 54.5")	5	89510-748

78%
reduction
in energy
consumption



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VWR® DROSOPHILA REFRIGERATED PELTIER INCUBATOR, HIGH EFFICIENCY OFFERS A 78% REDUCTION IN ENERGY CONSUMPTION OVER TRADITIONAL COMPRESSOR-BASED REFRIGERATED INCUBATORS

- Robust design
- Low-vibration operation
- Over-temperature thermostat and alarm

These incubators are equipped with LED Lighting and Day/Night Controls to create ideal conditions for fruit flies. The robust cabinet design includes a mechanical convection system to provide improved temperature uniformity, digital temperature controller with display, and over temperature limit control. The compressor-free design creates a low-vibration operation.

Independent over-temperature thermostat and alarm.

No. of Outlets	One internal
Shelf Weight Capacity	75 lbs. each
Temperature Uniformity	+/-0.5°C at 20°C

Description	Electrical	Capacity	Exterior Dimensions	Interior Dimensions	No. of Shelves	Temperature Range	Cat. No.
Drosophila Incubator	110-120V, 50/60Hz, 75 Watts	185.5 L (6.55 cu. ft.)	76.2 x 80.0 x 85.1 cm (30" x 31.5" x 33.5")	64.8 x 61.0 x 47.0 cm (25.5" x 24" x 18.5")	2	15°C to 40°C at 20°C Ambient	76035-956
Drosophila Incubator	220-240V, 50/60Hz, 72 Watts	185.5 L (6.55 cu. ft.)	76.2 x 80.0 x 85.1 cm (30" x 31.5" x 33.5")	64.8 x 61.0 x 47.0 cm (25.5" x 24" x 18.5")	2	15°C to 40°C at 20°C Ambient	76035-958
Drosophila Incubator	100-120V, 50/60Hz, 660W	546 L (19.3 cu. ft.)	76.2 x 80.1 x 176.6 cm (30.0 x 31.5 x 69.5")	64.7 x 60.9 x 138.4 cm (25.5 x 24.0 x 54.5")	5	15°C to 40°C at 20°C Ambient	89510-750
Drosophila Incubator	220-240V, 50/60Hz, 840W	546 L (19.3 cu. ft.)	76.2 x 80.1 x 176.6 cm (30.0 x 31.5 x 69.5")	64.7 x 60.9 x 138.4 cm (25.5 x 24.0 x 54.5")	5	15°C to 40°C at 20°C Ambient	89510-752

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VWR® SIGNATURE™ VACUUM OVEN STATION
PROGRAMMABLE WATLOW® TEMPERATURE CONTROLLER
OFFERS MULTIPLE RAMP AND SOAK CAPABILITIES

- Large 264 L (9.3 cu. ft.) capacity
- LED digital control
- VWR two-year limited parts and labor warranty

The controls are easily adjustable and the control panel is user-friendly. A digital vacuum gauge shows chamber vacuum level in measurements of Torr and m/Torr. The display range is 760 Torr down to 0 mm Torr. A secondary independent high limit controller provides overtemperature safety protection.

The oven chamber is wrapped in high temperature insulation which aids overall performance and promotes energy efficiency. Powder coat construction, true vacuum valves and cross-flow ventilation through the oven chamber enhance total performance.



Electrical	240V, 50/60Hz, 3840W, 16A
Exterior Dimensions	91.5 x 118.2 x 157.5 cm (36.0 x 46.5 x 62.0")
Interior Dimensions WxDxH (mm)	71.1 x 60.9 x 60.9 cm (28.0 x 24.0 x 24.0")
Temperature Range	5° above ambient to 220°C (9° above ambient to 428°F)
Temperature Uniformity	±7°C at 150°C

Description	Volume	Cat. No.
Vacuum Oven Station	264 L (9.3 cu. ft.)	15001-112

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VWR® VACUUM OVEN, STAINLESS STEEL
ALL VACUUM OVENS ARE BUILT WITH A STAINLESS
STEEL CHAMBER FOR EXCEPTIONAL DURABILITY

- Fully programmable Watlow® temperature control
- Capable of 40-step ramp and soak profiles or 4 files with 10 steps per file
- Digital vacuum gauge
- RS485 communication

VWR's double plenum design meets UL, CSA and CE safety requirements resulting in a cool outer surface.

The doors on these units have positive latch handles with spring-loaded glass to facilitate a good vacuum seal without hinge binds that shorten the gasket life. A selection of gaskets (for specific applications) and a small benchtop footprint increase the versatility of these ovens.



Heat-up Time	90 min. to 150°C (302°F)
Temperature Control	0.1°C (32.18°F)
Temperature Range	Ambient +10°C to 220°C (50 to 428°F)
Temperature Uniformity	±6 % of Set point

Description	Electrical	Volume	Exterior Dimensions	Interior Dimensions	No. of Shelves	Cat. No.
Vacuum Oven (1490)	120V, 1500W, 12.5A, 50/60Hz,	127 L (4.5 cu. ft.)	78W x 77.7D x 68.1H cm (30.7 x 30.6 x 26.8")	45.7W x 60.9D x 45.7H cm (18 x 24 x 18")	3	97027-664
Vacuum Oven (1490-2)	220V, 1500W, 7.0A, 50/60Hz,	127 L (4.5 cu. ft.)	78W x 77.7D x 68.1H cm (30.7 x 30.6 x 26.8")	45.7W x 60.9D x 45.7H cm (18 x 24 x 18")	3	97027-674

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VWR® SIGNATURE™ FORCED AIR SAFETY OVENS
BLOW-OUT BACK PANEL PROTECTS THE USER FROM INJURY

- Microprocessor control system
- Over-temperature safety limit, manual restart
- Rear blow-out panel
- Heavy-gauge steel construction for durability

The panel is designed to release in the event of an explosion, directing the force away from the user. A resettable circuit breaker prevents accidental setting changes in case of electrical malfunction.



Recovery	5 min. @ 110°C (230°F), 8 min. @ 170°C (338°F)
Temperature Control	0.05°C
Temperature Range	40 to 240°C (104 to 464°F)
Temperature Uniformity	±1.5° @ 110°C, ±1.9° @ 170°C

Description	Electrical	Volume	Exterior Dimensions	Interior Dimensions	Shipping Weight	Cat. No.
Horizontal Air Flow Oven (1330FMS)	110V, 50/60Hz, 1750W	45 L (1.6 cu. ft.)	54.6W x 62.2D x 83.8H cm (21½ x 24½ x 33")	33.0W x 35.6D x 37.5H cm (13 x 14 x 14¾")	74.8 kg (165 lbs.)	52201-214
Horizontal Air Flow Oven (1350FMS)	110V, 50/60Hz, 2000W	115 L (4 cu. ft.)	70W x 68.6D x 88.3H cm (27½ x 27 x 34¾")	45.7W x 48.3D x 41.9H cm (18 x 19 x 16½")	97.5 kg (215 lbs.)	52201-216

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VWR® SIGNATURE™ HIGH-PERFORMANCE HORIZONTAL AIR FLOW OVENS
RAPID AND EFFICIENT RATE OF DRYING

- True horizontal airflow design
- Type-304 stainless steel interior and exterior
- Three-inch intake and exhaust ports
- Equipped with adjustable stainless steel shelves

By forcing continuously warmed air into the chamber, the turbo blower assures uniform heating across all shelves and to every area of the chamber, eliminating concerns of obstructed air, regardless of how the shelves are loaded. The Watlow® microprocessor-based controller provides 24-step ramp and soak capability to an accuracy of 0.1°C.



Description	Electrical	Volume	Exterior Dimensions	Interior Dimensions	Heat-Up Time	No. of Shelves	Recovery Rate	Temperature Uniformity	Cat. No.
Benchtop with Two Doors (1680)	220V, 50/60Hz, 5700W, 26A	392 L (13.8 cu.ft.)	150.0 x 73.7 x 144.8 cm (59.0 x 29.0 x 57.0")	111.0 x 52.0 x 91.0 cm (44.0 x 20.5 x 36.0")	22 min. to reach 180°C	6	6 min. at 110°C (10 min. at 180°C)	±1.5°C at 110°C	52202-203
Floor Model (1685)	220V, 50/60Hz, 11,000W, 50A	793 L (28 cu.ft.)	109.3 x 87.0 x 217.2 cm (43.0 x 34.3 x 85.5")	95.2 x 66.0 x 153.6 cm (37.5 x 26.0 x 60.5")	20 min. to reach 180°C	6	4 min. at 100°C, (8 min. at 180°C)	±1.5°C at 110°C	52202-258
Floor Model with Two Doors (1690)	220V, 50/60Hz, 11,000W, 50A	1083 L (38 cu.ft.)	174.0 x 85.8 x 199.4 cm (68.5 x 33.8 x 78.5")	121.9 x 64.7 x 137.1 cm (48.0 x 25.5 x 54.0")	28 min. to reach 180°C	12	12 min. at 110°C, (15 min. at 180°C)	±2.0°C at 110°C	52202-509

Accessories Model		
Fan Motor, Shaft Up	Models 1680, 1685, 1690	87006-102
Fuse, 16A/250V, Type T	Models 1680, 1685, 1690	87006-400