



VWR® FORCED AIR OVEN, BASIC

Superior Temperature Accuracy
for Demanding Applications

Excellent Recovery Time

Two-Year Warranty



Quality Features for Demanding Applications



VWR® Forced Air Ovens, Basic

All VWR Forced Air Ovens are ideal for demanding drying and heating processes that require precise temperature accuracy with temperature ranges between 70°C and 250°C. Forced air, mechanical convection provides uniform heating, precise temperature control, and fast drying using a blower that circulates heated air in a horizontal airflow pattern. Each unit has excellent temperature recovery time of 6 to 10 minutes depending on size and temperature setting. Digital advanced microprocessor control system provides superior temperature accuracy. A PT100 temperature sensor is included for repeatability and stability over a long period.

All units feature:

- Durable powder-coated exterior
- Stainless steel interior
- 1.3" stainless steel ventilation caps
- Forced convection blower mechanism for optimized air flow
- Over-temperature and over-current protection
- Sensor error detector
- High-temperature grade foamed silicone rubber door gasket
- Glass wool insulation material

Two-Year Parts and Labor Warranty. UL listed, CE marked.

Load per Rack:	15 kg (33 lbs.)
Permitted Total Load:	25 kg (55 lbs.)
Wall Clearance,	Rear: 15 cm (5.9") Side: 15 cm (5.9")
Exhaust Duct (Outer):	4 cm (1.6")
Temperature Range:	70°C to 250°C (482°F)
Heating Time:	25 min. to 100°C (212°F)
Temperature Recovery (Door Open 30 Sec.):	6 to 8 min. to 100°C (212°F)

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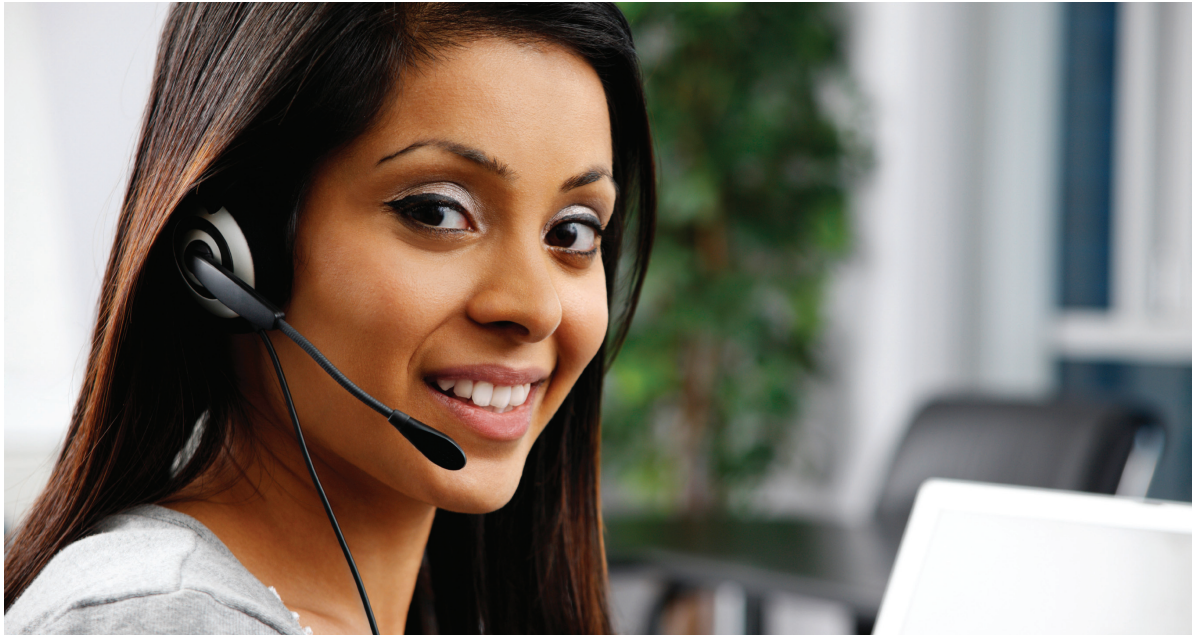
- Safety and protection of an alarm indicator
- Advanced and adaptive microprocessor control
- Accurate within $\pm 0.4^{\circ}\text{C}$ at 100°C
- RS-232C interface for monitoring and controlling with PC
- Timer with alarm and error status up to 99 hrs. 59 min. with delay and continuous function
- Digital backlit LCD digital display
- Temperature setting sensitivity: $\pm 1^{\circ}\text{C}$
- Temperature uniformity $\pm 1.4^{\circ}\text{C}$ at 100°C



Volume, L (cu. ft.)	Interior Dimensions, W x D x H, cm (in.)	Exterior Dimensions, W x D x H, cm (in.)	Shelves	Electrical	Packing Dimensions, W x D x H, cm (in.)	Ship. Wt., kg (lbs.)	Cat. No.	Each
50 (1.75)	37 x 35 x 42 14 ⁹ / ₁₆ x 13 ³ / ₄ x 16 ⁹ / ₁₆	64.7 x 53.5 x 73.3 25 ¹ / ₂ x 21 ¹ / ₁₆ x 28 ⁷ / ₈	2	120V, 60Hz, 750W	75.4 x 62.2 x 80.7 29 ¹¹ / ₁₆ x 24 ¹ / ₂ x 31 ³ / ₄	58 (128)	414005-114	2584.64
105 (3.7)	48.5 x 48 x 53.5 19 ¹ / ₈ x 18 ⁷ / ₈ x 21 ¹ / ₁₆	71.2 x 65.6 x 89.1 28 ¹ / ₁₆ x 25 ¹³ / ₁₆ x 35 ¹ / ₁₆	2	120V, 60Hz, 1400W	81.9 x 74.3 x 106.8 32 ¹ / ₄ x 29 ¹ / ₄ x 42 ¹¹ / ₁₆	78 (172)	414005-116	3017.11
155 (5.4)	55 x 47.5 x 60 21 ⁵ / ₈ x 18 ¹¹ / ₁₆ x 23 ⁵ / ₈	77.7 x 72.1 x 95.6 30 ⁹ / ₁₆ x 28 ³ / ₈ x 37 ⁵ / ₈	2	120V, 60Hz, 1600W	88.4 x 80.8 x 113.3 34 ¹³ / ₁₆ x 31 ¹³ / ₁₆ x 44 ⁵ / ₈	100 (221)	414005-118	3576.78



To order, contact your VWR Sales Representative, visit VWR.com, or call **1.800.932.5000** today.



Technical Product Support:

Our team is available to answer questions Monday through Friday, 8:30am to 4:30pm (EST)

Email: TechnicalProductSupportNA@vwr.com

Phone: 1.888.VWR.LINE (1.888.897.5463)

web: www.vwr.com/tps

Warranty Services:

Email: VWRCATALYST@vwr.com

Phone: 888.793.2300

In Canada:

Canadaservices@vwr.com

Phone: 888.211.0643



Validation - Calibration - Asset Management

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Satisfaction Guarantee

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