

# VWR® Gravity Convection Ovens



Superior Temperature Accuracy for  
Demanding Applications

Excellent Recovery Time

Two-Year Warranty

## Quality Features for Demanding Applications



### VWR® and VWR® symphony™ Gravity Convection Ovens

All Gravity Convection Ovens feature a vertical airflow pattern perfect for drying samples that require a low-turbulence environment. Ovens feature easy-to-use electronic controls and port on the top for inserting monitors. Digital advanced microprocessor control system provides superior temperature accuracy. Also included is a PT100 temperature sensor for the best overall advantages in repeatability and stability over a long period. A 110V cord and plug is included with 414004-546, -548, -556, and -558. Power supply on all other units requires installation by an electrician.

#### All units feature:

- Durable powder-coated steel exterior
- Stainless steel interior
- Glass wool insulation
- High-temperature grade foamed silicone rubber door gasket
- Optimized air flow by gravity convection
- Over-temperature and over-current protection sensor error detector

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

<b>Load per Rack:</b>	15 kg (33 lbs.)
<b>Permitted Total Load:</b>	25 kg (55 lbs.)
<b>Wall Clearance,</b>	<b>Rear:</b> 15 cm (5.9") <b>Side:</b> 15 cm (5.9")
<b>Exhaust Duct (Outer):</b>	4 cm (1.6")
<b>Temperature Range:</b>	25°C to 230°C (446°F)
<b>Heating Time:</b>	18 min. to 100°C (212°F)
<b>Temperature Recovery (Door Open 30 Sec.):</b>	5 min. to 100°C (212°F)



## VWR® **symphony™** Gravity Convection Ovens

- Advanced and adaptive microprocessor control
- Accurate within  $\pm 0.5^{\circ}\text{C}$  at  $100^{\circ}\text{C}$
- RS-232C interface for monitoring and controlling with PC
- Storage function (temperature and time)
- Timer with alarm and error status up to 99 hrs. 59 min. with delay and continuous function
- Digital backlit LCD display
- Temperature setting sensitivity:  $\pm 1^{\circ}\text{C}$
- Temperature uniformity  $\pm 2^{\circ}\text{C}$  at  $100^{\circ}\text{C}$
- Locking mode to prevent unintended temperature changes

Advanced Features for Demanding Applications



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.)
32 (1.1)	31 x 29 x 36.1 (12 <sup>7</sup> / <sub>32</sub> x 11 <sup>13</sup> / <sub>32</sub> x 14 <sup>7</sup> / <sub>32</sub> )	47.5 x 53.1 x 67.3 (18 <sup>23</sup> / <sub>32</sub> x 20 <sup>29</sup> / <sub>32</sub> x 26 <sup>1</sup> / <sub>2</sub> )	2	120V, 60Hz, 600W	50 x 57.9 x 78 (19 <sup>23</sup> / <sub>32</sub> x 22 <sup>13</sup> / <sub>16</sub> x 30 <sup>23</sup> / <sub>32</sub> )	38 (84)
50 (1.75)	37.1 x 34 x 41.9 (14 <sup>5</sup> / <sub>8</sub> x 13 <sup>13</sup> / <sub>32</sub> x 16 <sup>1</sup> / <sub>2</sub> )	53.6 x 62 x 73.4 (21 <sup>1</sup> / <sub>8</sub> x 24 <sup>13</sup> / <sub>32</sub> x 28 <sup>29</sup> / <sub>32</sub> )	2	120V, 60Hz, 800W	57.2 x 66 x 84.1 (22 1/2 x 26 x 33 <sup>1</sup> / <sub>8</sub> )	54 (119)
105 (3.7)	48.5 x 40.4 x 53.6 (19 <sup>1</sup> / <sub>8</sub> x 15 <sup>29</sup> / <sub>32</sub> x 21 <sup>1</sup> / <sub>8</sub> )	65.5 x 68.6 x 89.2 (25 <sup>13</sup> / <sub>16</sub> x 27 x 35 <sup>1</sup> / <sub>8</sub> )	2	120V, 60Hz, 1400W	71.1 x 76.2 x 97 (28 x 30 x 38 <sup>7</sup> / <sub>32</sub> )	74 (163)
155 (5.4)	55.1 x 47 x 59.9 (21 <sup>23</sup> / <sub>32</sub> x 18 <sup>1</sup> / <sub>2</sub> x 23 <sup>5</sup> / <sub>8</sub> )	72.1 x 74.9 x 95.5 (28 <sup>13</sup> / <sub>32</sub> x 29 <sup>1</sup> / <sub>2</sub> x 37 <sup>5</sup> / <sub>8</sub> )	2	120V, 60Hz, 1700W	79 x 79 x 109 (31 <sup>1</sup> / <sub>8</sub> x 31 <sup>1</sup> / <sub>8</sub> x 42 <sup>29</sup> / <sub>32</sub> )	90 (198)



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