Quality Features for Demanding Applications

ventilation holes

safety control knob

digital advanced microprocessor control system

stainless steel interior

vertical airflow pattern perfect for drying samples

high temperature grade foamed silicone rubber door gasket

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.

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:	25ºC to 230ºC (446ºF)
Heating Time:	18 min. to 100ºC (212ºF)
Temperature Recovery (Door Open 30 Sec.):	5 min. to 100ºC (212ºF)

symphony™

VWR® symphony™ Gravity Convection Ovens

- Advanced and adaptive microprocessor control
- Accurate within ±0.5ºC at 100ºC
- 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: ±1ºC
- Temperature uniformity ±2ºC at 100ºC
- Locking mode to prevent unintended temperature changes

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 ($12^7/_{32}$ x $11^{13}/_{32}$ x $14^7/_{32}$)	47.5 x 53.1 x 67.3 ($18^{23}/_{32}$ × $20^{29}/_{32}$ × 26½)	2	120V, 60Hz, 600W	50 x 57.9 x 78 ($19^{23}/_{32}$ x $22^{13}/_{16}$ x $30^{23}/_{32}$)	38 (84)
50 (1.75)	37.1 x 34 x 41.9 ($14^5/_8$ x $13^{13}/_{32}$ x 16½)	53.6 x 62 x 73.4 ($21^1/_8$ × $24^{13}/_{32}$ × $28^{29}/_{32}$)	2	120V, 60Hz, 800W	57.2 x 66 x 84.1 (22 ½ × 26 × $33^1/_8$)	54 (119)
105 (3.7)	48.5 x 40.4 x 53.6 ($19^1/_8$ x $15^{29}/_{32}$ x $21^1/_8$)	65.5 x 68.6 x 89.2 ($25^{13}/_{16}$ × 27 × $35^1/_8$)	2	120V, 60Hz, 1400W	71.1 x 76.2 x 97 (28 × 30 × $38^7/_{32}$)	74 (163)
155 (5.4)	55.1 x 47 x 59.9 ($21^{23}/_{32}$ x 18½ x $23^5/_8$)	72.1 x 74.9 x 95.5 ($28^{13}/_{32}$ × 29½ × $37^5/_8$)	2	120V, 60Hz, 1700W	79 x 79 x 109 ($31^1/_8$ × $31^1/_8$ × $42^{29}/_{32}$)	90 (198)