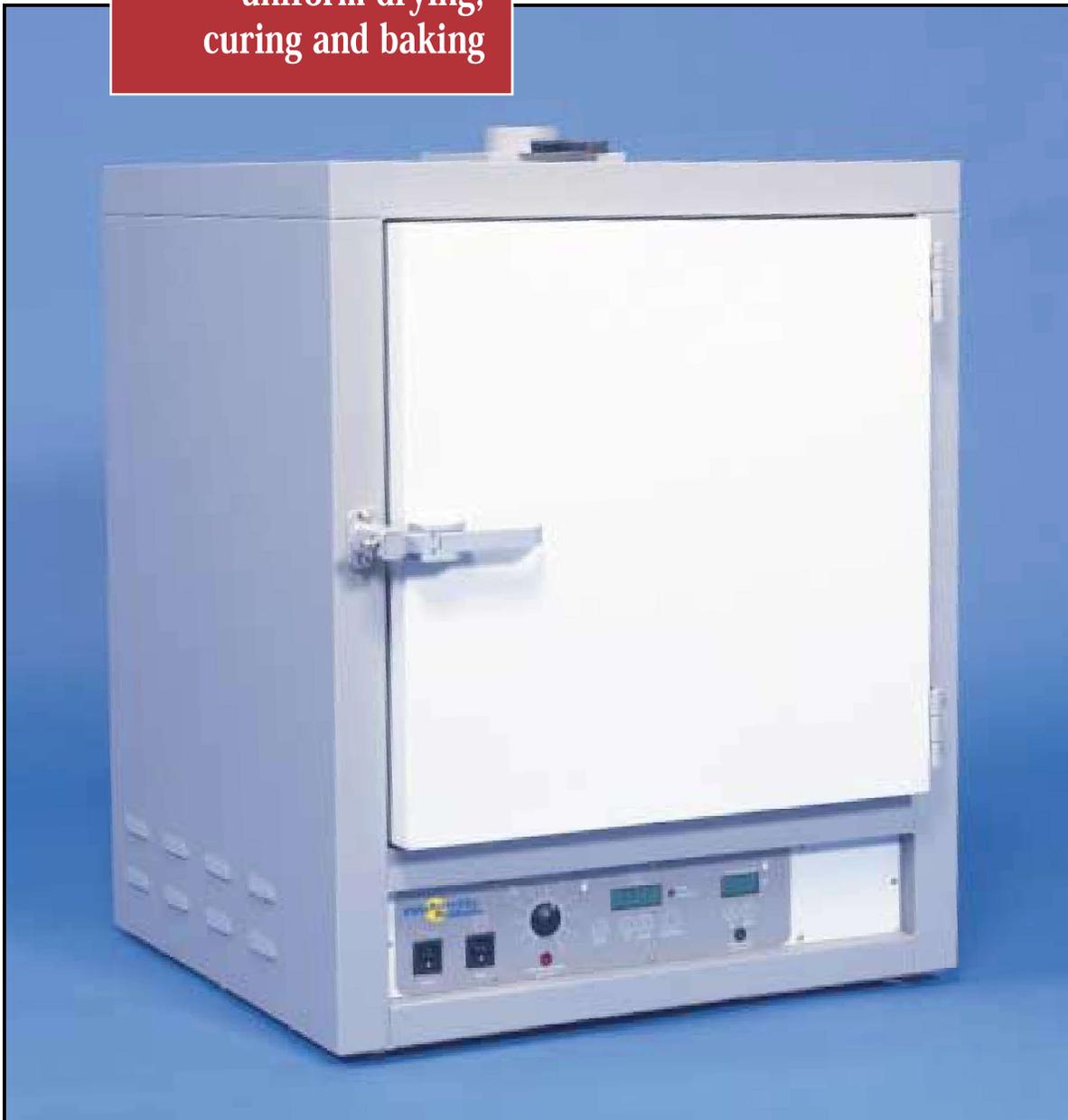


VWR Signature™ Horizontal Airflow Ovens

True horizontal
airflow for fast
uniform drying,
curing and baking

The VWR Signature Horizontal Airflow Ovens use the same turbo blower system as our high performance models to deliver optimal temperature uniformity and recovery. The built-in microprocessor technology ensures stable control without temperature overshoot.

Model 1350FM



Unique airflow design.

With the true horizontal airflow design, heated air is directed into the ductwork on the right side of the oven. This slightly pressurized air escapes through the small perforations in the chamber wall, flows across each shelf picking up moisture, and is gently suctioned through large openings on the opposite chamber wall. This pattern encourages fast, uniform drying even when your shelves are loaded.

Steady, reliable, safe.

The microprocessor control capability assures optimal stability and allows for accurate temperature control. Temperature and time set points are even held in memory during power outages—a real time-saving advantage.

Convenient digital timer.

The digital LED electronic timer is conveniently located on the control panel and gives the user the capability of automatically turning off the oven at the end of an application cycle. The timer has a range of 1 minute to 99 hours/59 minutes and is activated by an independent ON/OFF switch.

Flexibility.

Ovens are used for three main purposes: drying, baking and curing. By positioning the damper on the exhaust port accordingly, the user can accomplish all three types of applications. The exhaust port is 3-inches indiameter, further aiding in drying time.

Built-in safety features.

There are no exposed heating elements in this oven series. This eliminates danger to the user and damage to the oven from spills within the chamber. An independent overtemperature safety controller with its own sensor provides extra protection.

Key features:

- True horizontal airflow pattern
- Three inch adjustable exhaust port
- Stainless steel interior and shelves
- Durable powder coat paint exterior finish
- Adjustable door latch and hinges
- Digital electronic timer
- Wrap around insulation for excellent heat retention
- 24 month warranty on parts and labor

Cat. No.	Model	Capacity, ft. ³	Style	Temperature Range	Uniformity	Heat Up, Minutes	Recovery, Minutes	Dimensions*, W x D x H in.	Watts/ Amps
VWR SIGNATURE HORIZONTAL AIRFLOW OVENS									
52201-069	1330FM	1.6	Small, 2 Shelves, 110V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 13 x 14 x 14.75 Ext: 21.25 x 23.75 x 33	1750/14.6
52201-084	1330FM-2	1.6	Small, 2 Shelves, 220V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 13 x 14 x 14.75 Ext: 21.25 x 23.75 x 33	2350/9.8
52201-070	1350FM	4.0	Medium, 2 Shelves, 110V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 18.25 x 19 x 16.5 Ext: 27 x 25.5 x 34.75	1950/16.3
52201-086	1350FM-2	4.0	Medium, 2 Shelves, 220V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 18.25 x 19 x 16.5 Ext: 27 x 25.5 x 34.75	2350/9.8
52201-071	1370FM	5.9	Large, 2 Shelves, 110V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 23 x 20 x 18.5 Ext: 32.5 x 28 x 36.25	1950/16.3
52201-088	1370FM-2	5.9	Large, 2 Shelves, 220V	40°C to 240°C	±1.5°C @ 150°C	10 @ 150°C	6 @ 150°C	Int: 23 x 20 x 18.5 Ext: 32.5 x 28 x 36.25	2350/9.8

*Exterior dimensions include handle and exhaust port. • Cycle: 50/60Hz • Phase: Single

See page 19 for price information.

VWRbrand™ Forced Air Ovens

Durable,
dependable general
purpose ovens

Model 1321F



These forced air ovens offer the benefits of mechanical convection but at an economical price.

Optimum uniformity.

The forced, blower-assisted airflow design offers excellent temperature uniformity and fast recovery. A turbo blower and heavy-duty motor combine to direct air over the shelves and samples for even, consistent drying, curing and baking. Especially ideal for glassware drying.

Key features:

- Three-inch adjustable exhaust port
- Stainless steel shelves adjustable on ½" increments
- Independent overtemperature safety
- High temperature silicone door seal
- No exposed heating elements
- Wrap around insulation for excellent heat retention
- Durable powder coat paint exterior finish
- Digital timer (Models 1380FM, 1390FM)
- Thermometer and clip supplied (Models 1321F, 1325F, 1327F)
- 24 month warranty on parts and labor

Optimum control.

The Models 1321F, 1325F, and 1327F feature an hydraulic temperature control, while the large capacity Models 1380FM and 1390FM have a microprocessor controller. The independent overtemperature safety feature is user adjustable and provides added safety for the user.

Broad product offering.

There are several models to choose from in the forced air product line, both in size and control. The large capacity units are perfect for high volume sample and drying applications, including production processes.

Cat. No.	Model	Capacity, ft. ³	Style	Temperature Range	Uniformity	Heat Up, Minutes	Dimensions*, W x D x H in.	Watts/Amps
VWRbrand FORCED AIR OVENS								
16000-208	1321F	2.0	Small, 1 Shelves, 110V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 16.875 x 12.5 x 17 Ext: 20.25 x 21 x 25	800/6.6
16000-210	1321F-2	2.0	Small, 1 Shelves, 220V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 16.875 x 12.5 x 17 Ext: 20.25 x 21 x 25	800/3.3
16000-212	1325F	4.0	Medium, 2 Shelves, 110V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 15.875 x 17.5 x 22 Ext: 23.25 x 20 x 31	800/6.6
16000-214	1325F-2	4.0	Medium, 2 Shelves, 220V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 15.875 x 17.5 x 22 Ext: 23.25 x 20 x 31	800/3.3
16000-216	1327F	6.0	Large, 2 Shelves, 110V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 19.875 x 17.5 x 28 Ext: 24 x 23.625 x 37	1050/8.8
16000-218	1327F-2	6.0	Large, 2 Shelves, 220V	40°C to 200°C	±3.5°C @ 100°C	22 @ 100°C	Int: 19.875 x 17.5 x 28 Ext: 24 x 23.625 x 37	1050/4.4
52201-075	1380FM	13.9	Large, 3 Shelves, 110V, Microprocessor	40°C to 200°C	±1.8°C @ 100°C	14 @ 150°C	Int: 31 x 25 x 31 Ext: 37 x 35 x 48	3950/16.5
52201-077	1390FM	27.8	Large, 6 Shelves, 220V, Microprocessor	40°C to 200°C	±1.8°C @ 100°C	14 @ 150°C	Int: 31 x 25 x 62 Ext: 37 x 35 x 80	5950/25

*Exterior dimensions include handle and exhaust port. • Cycle: 50/60Hz • Phase: Single
NOTE: Models 1380FM and 1390FM available only in 220V current.

See page 19 for price information.