

FD-600P, 200°C Large Capacity Oven**FD-600P****Features:**

- Forced-air convection and three dimensional heating system ensure air circulation and dispersion.
- PID Microprocessor controller with 9 segments and 18 steps, only on 200°C models.
- Large LCD display.
- Optimized sample monitoring with threefold tempered safety glass window.
- Electropolished stainless steel inner chambers and round corners for easy cleaning and better air flowing.
- Safe protections: over-temperature limit protection, 2 separate over-current fuses, protection over electric leakage
- Extensive alarm system for power cut, sensor failure, high and low temperature.
- Automatic running recovery after a power interruption.
- Heat resistant gasket minimizes heat loss and tightly seals the chamber door.
- Adjustable electropolished stainless steel shelving provides air flow around samples for uniformed tempering and allow for easy cleaning.
- 2 shelves included as standard.

The FD-600P forced air drying ovens is engineered for aging, bonding, curing, heat treating annealing, stress relieving, burn-in, hardening and/or test purposes, and also perfectly suited for routing drying and sterilization applications up to 200°C.

FD-600P designed to provide accurate temperature uniformity, with minimized temperature overshoot. The oven can be programmed to run up to 9 different programs with 18 steps of temperatures and time segments.

**Specifications:**

Model	FD-600P
Heating mode	Bottom Heating
Programmable control (9 Segment/18 steps)	Standard
Temperature range (°C)	Ambient +5~200
Temperature accuracy (°C)	0.1
Temperature uniformity (%)	≤±2.5 (200°C)
Alarm	Enabled
Settings	Digital
Display	LCD
Volume (L)	600
Shelve size (mm) (WxD)	725 × 789
Shelve	2 (Maximum 5)
Chamber dimensions (mm)	W800xD780xH1000
Outside dimension (mm)	W990xD910xH1470
Packing dimension (mm)	W1110xD1030xH1640
Net/Gross Weight (kg)	210/255
Power (W)	3700
Voltage	220/240 Volt 50/60 Hz
Approval	CE, ISO



DFO-600/720/1008/2160, Large Force Convection, Double Door

- Ovens are used for many applications as baking, drying, conditioning, sterilizing, electroplate, plastic, chemical industry, printing, hard ware, pharmacy, tea fired, bake industry etc
- Inner case is SUS 304 and outside body is powder painting.
- Tempered Safety Glass Window to see inside without door opening
- Install double over temperature protection.
- All models are with fan assisted air circulation, air vent on both side t
- Brake wheels, easy to move
- Silent fan motor.



Fan motor



Wheels

Model	DFO-600	DFO-720	DFO-1008	DFO-2160
Temp. range	40°C~200°C (250°C)			
Temp. Accuracy	±0.1°C			
Temp. control / Display	PID / LED			
Temp. Sensor	Thermocouple K type			
Keep Warm	Mineral wool/Glass wool			
Safety Device	EGO (Double over temperature protection)			
Volume	600L	720L	1008L	2160L
Timer	99 h / 59 min			
Shelf (Adjustable)	4			
Power Voltage	220V 50/60Hz 1PH		220V 50/60Hz 3PH	
Inside dimensions (mm)	W1000xD600xH1000	W1200xD600xH1000	W1400xD600xH1200	W1800xD1000xH1200
Outside dimensions (mm)	W1250xD750xH1580	W1450xD750xH1580	W1650xD750xH1820	W2000xD1200xH1980



DFO-270/480, Large Force Convection, Single Door

- Ideal for Large Volume Baking Electronic Parts, Drying, Conditioning and Sterilizing
- Inner case is SUS 304 and outside body is powder painting.
- Tempered Safety Glass Window to see inside without door opening
- Install double over temperature protection.
- All models are with fan assisted air circulation, air vent on both side t
- Brake wheels easy to move.



Fan motor



Wheels

Model	DFO-270	DFO-480
Temp. range	Ambient + 5°C~210°C (250°C)	
Temp. Accuracy	±1°C	
Temp. control / Display	PID / LED digital display	
Temp. Sensor	K type	
Heater	4000 W	
Volume	270L	480L
Timer	99 h / 59 min	
Keep Warm	Rock wool fiber	
Shelf (Adjustable)	4	
Power Voltage	220V 50/60Hz 1PH	
Inside dimensions (mm)	W600xD500xH900	W800xD600xH1000
Outside dimensions (mm)	W780xD620xH1520	W980xD720xH1620

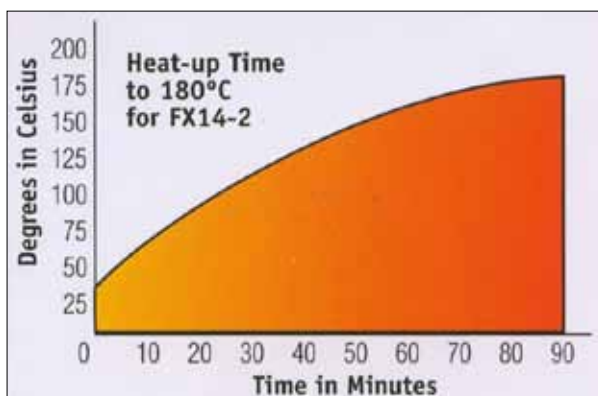
FX14-2/FX28-2, Forced Air Horizontal Flow 200°C Ovens



Large Capacity Ovens. Models FX14-2 features 385 Liter and FX28-2 793 Liter are perfect for high volume sample processing and drying applications including production processes. Precise Temperature Control: Technology. The independent over temperature protection (DTP) control is user adjustable and provides added security against temperature overshoot. Include a precision microprocessor controller, 99 hr./59 min. electronic timer and true forced air horizontal airflow. 90mm of insulation, wrapped in 2 layers. A chamber door gasket eliminates heated air leakage. The door hinges are user adjustable to maintain a positive seal over the life of the oven. True Horizontal Airflow. The blower-assisted airflow design facilitates temperature uniformity and fast recovery. A turbo blower and heavy-duty motor combine to direct heated air over the shelves and samples for even, constant drying, curing and baking.

Applications:

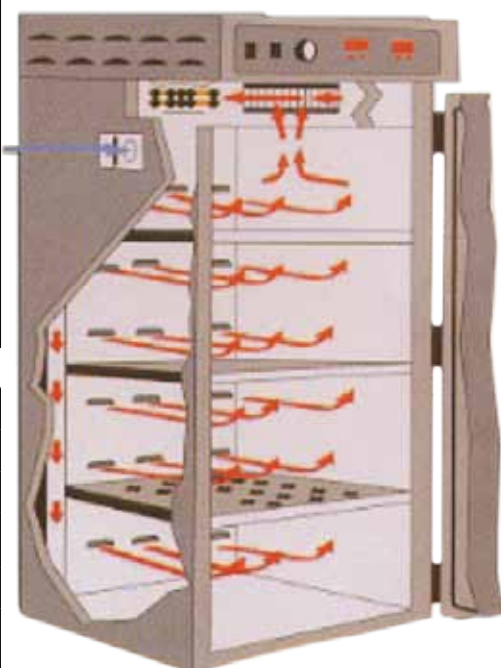
- Batch Testing
- Sterilizing
- Electronic Burn-in
- Aging Tests
- Glassware Drying
- Stability Testing.



Specifications:

Model	FX14-2*	FX28-2*
System type	Mechanical convection	Mechanical convection
Controls/Display	Single setpoint mProc.	Single setpoint mProc.
Chamber capacity (Liters)	387	781
Temperature Recovery	8min at 150°C	10min at 150°C
Heat-up Time	24min at 150°C	35min at 150°C
High limit control	Yes	Yes
External dimensions (mm)	W927xD876xH1207	W953xD889xH1988
Internal dimensions (mm)	W781xD62.8xH787	W781xD635xH1574
Shelves supplied	3 Shelves	6 Shelves
Maximum shelves	8 Shelves	16 Shelves
Shipping weight (kg)	154	204
Element wattage	2000	4000
Electrical requirements		
Max. amp draw at 220Vac	10	19
Power frequency/phase	50-60Hz/single phase	50-60Hz/single phase

* - 2 Denotes 220V



FX28-2 AirFlow Diagram

Features:

- True horizontal airflow provides excellent uniformity and faster heat-up
- Microprocessor control for precise temperature control
- Independent Safety Controller
- 99 hr/59 min Electronic Timer automatically turns off at selected time
- Adjustable exhaust port controls the rate of drying.