

DFO-Series, 36 Liter, 80 Liter, 150 Liter, 240 Liter Ovens

DFO Series units are primarily used in applications needing rapid drying and sterilization. Totally homogenous temperature distribution and/or rapid dynamic response. This modern range of ovens is available in 4 sizes. DFO Series offers excellent uniformity and stability & are used for many applications as Glassware drying, warming, sterilizing, ageing, curing, softening, annealing, preheating and testing, drying slides. The inner case is constructed from polished stainless steel. All units are provided with wire plated shelves with multi-position settings. All models are with fan assisted air circulation, the chamber ventilation and exhaust vent are easily adjustable. Wide choice of control options is available, PID controller & timer is fitted as standard with dual display of measured value and setpoint.

Options:

- RS-232 / 485 communication model: 3216E
- 4 programs of 16 segments model: 2416P4
- 5 programs of 8 segments model: 3216CP
- 38, 50, 75, 100mm cable entry port
- Gas inlet
- Interior light.



Typical oven applications include:

- Drying of glassware
- Warming
- Sterilising
- Ageing
- Curing
- Burning-in
- Long term stability testing
- Softening
- Annealing
- Enamelling
- Baking
- Bending
- Tempering
- Pre-heating
- Soldering.

Specifications:

Model	DFO-36	DFO-80	DFO-150	DFO-240
Temp. range	5°C above ambient to - 250°C			
Temp. constancy	±0.1°C			
Temp. uniformity	±1°C at 100°C	±1°C at 100°C	±2°C at 100°C	±2.5°C at 100°C
Temp. control	PID			
Circulation	Forced air - two speed selectable with a switch			
Heater: Oven	1100W	1500W	1800W	2200W
Inside Material	SUS-430			
Timer	1 minute to 99 hours and 59 minutes or continuous			
Window (mm)	W200xH300			W200xH500
Safety devices	Short circuit breaker, over heat protector, sensor abnormality			
Inside dimensions (mm)	W400xD300xH300	W500xD400xH400	W600xD500xH500	W600xD500xH800
Outside dimensions (mm)	W525xD420xH595	W620xD520xH620	W720xD620xH720	W720xD620xH1020
Capacity (Liters)	36	80	150	240
Shelves	2	2	2	3
Max. No. of Shelves	7	10	13	23
Weight	34kg	52kg	75kg	85kg