General Purpose Ovens

OF3-30P/45P/75P (Amb. +10 to 200℃), OF3-30HP/45HP/75HP (Amb. +10 to 300℃)

Lab Companion

Forced Convection Ovens
(Programmable)

Specially designed for large volume and fast drying applications with smart program control

**REMOTE CONTROL** with your **MOBILE DEVICE**

PV SV
JeioTech Network

CE · Safety Patented · Computer Interface · Program · Color Touch · Temperature Calibration (1 Point) · Dual Timer · Over Temp. · Auto Run · Deviation Warning (HI/LOW)
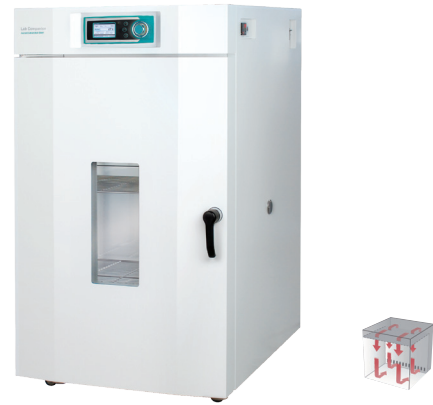
Programmable Model		OF3-30P	OF3-45P	OF3-75P	OF3-30HP	OF3-45HP	OF3-75HP
Chamber volume (L / cu ft)		314 / 11.1	450 / 15.9	760 / 26.8	314 / 11.1	450 / 15.9	760 / 26.8
Temperaure	Range (℃ / ℉)	Amb. +10 to 200 / Amb.+18 to 392			Amb. +10 to 300 / Amb.+18 to 572		
	Fluctuation [1] at 100℃ (±℃ / ℉)	0.2 / 0.36			0.2 / 0.36		
	Variation [1] at 100℃ (±℃ / ℉)	0.8 / 1.44		1.5 / 2.70	0.8 / 1.44		1.6 / 2.88
Dimension (W×D×H)	Interior (mm / inch)	645×750×650 / 25.4×29.5×25.6	645×750×930 / 25.4×29.5×36.6	745×850×1200 / 29.3×33.5×47.2	645×750×650 / 25.4×29.5×25.6	645×750×930 / 25.4×29.5×36.6	745×850×1200 / 29.3×33.5×47.2
	Exterior (mm / inch)	850x1100x1235 / 33.5x43.3x48.6	850x1100x1525 / 33.5x43.3x60	950x1200x1785 / 37.4x47.2x70.3	850x1100x1235 / 33.5x43.3x48.6	850x1100x1525 / 33.5x43.3x60	950x1200x1785 / 37.4x47.2x70.3
	Net weight (Kg / lbs)	200 / 440.9	240 / 529.1	300 / 661.4	200 / 440.9	240 / 529.1	300 / 661.4
Shelves	No. of wire shelf (standard / max.)	2 / 5	3 / 8	3 / 11	2 / 5	3 / 8	3 / 11
	Max. load per shelf (kg / lbs)	25 / 55.1			25 / 55.1		
Electrical requirements (230V, 50/60Hz, A)		1P, 13.2	3P, 10.3	3P, 14.1	3P, 10.3	3P, 14.1	3P, 17.1
Cat No.	Solid door	AAH18615K	AAH186213K	AAH186313K	AAH196113K	AAH196213K	AAH196313K
	Window door	AAH18715K	AAH187213K	AAH187313K	AAH197113K	AAH197213K	AAH197313K
Electrical requirements (380V, 50/60Hz, A)			3P, 6.7	3P, 9.0	3P, 6.7	3P, 9.0	3P, 10.8
Cat No.	Solid door	-	AAH186214K	AAH186314K	AAH196114K	AAH196214K	AAH196314K
	Window door	-	AAH187214K	AAH187314K	AAH197114K	AAH197214K	AAH197314K

1) Technical data according to DIN 12880.
※ CE for 380V, 50/60hz.   ※ FDA establishment registered company. FDA listed products.

Temp.
Max, 250 °C
Program Start
Step 1 · Step 2 · Step 3 · Step 4 · Step 5
time
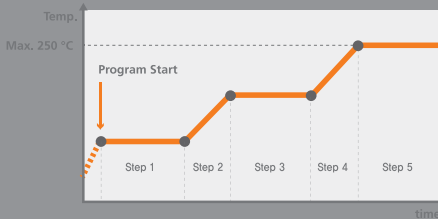
Precise and programmable temperature control

- 10 programs available for temperature ramp up and dwell control
- 10 steps per a program and 99 hours 59 minutes per a step
- Stored programs are easily linkable
- Programs can be repeated up to 99 cycles
- Pre-heating and heating time are settable before program start

Microprocessor PID control

Three point temperature calibration / Automatic tuning

Dual wait on/off timer modes: from1 min ~ 99 hr 59 min

Intuitive touch screen LCD controller with easy icons and logical menus

Automatic run after power interruption

Triple independent temperature monitor system
- Temperature deviation alarm (High/Low)
- Electronic temperature limiter (High/Low)
- Mechanical over-temperature limiter (High)

USB port and RS-232 port for external control and data collection

Forced air convection

Energy efficiency is achieved thanks to optimization of the insulation system

Rounded inner chamber corners for easy cleaning and optimal airflow

Corrosion-resistant incoloy sheath heating element and stainless steel interior

Adjustable dual slide vents for controlling inner vapor circulation (diameter: 38mm/1.5")

Built-in casters for easy transport

Large chamber capacity (maximum 760L/28.8cu ft)

Threefold tempered-glass window providing clear inside view of the chamber (viewing window door type only)

Digital recorders (optional); 6-point dot type recorder Thermal line type recorder

Wire shelves are provided as standard accessories

STANDARD

- 2 Wire Shelves for 314L Chambers
- 3 Wire Shelves for 450/760L Chambers