

# General Purpose Ovens

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

Forced Convection Ovens  
(Programmable)

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

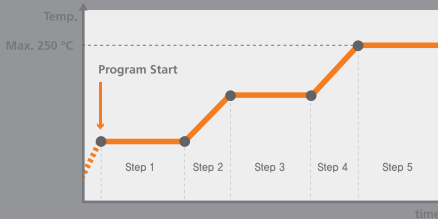
REMOTE CONTROL  
with your MOBILE DEVICE



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
Temperature	Range (°C / °F)	Amb. +10 to 200 / Amb.+18 to 392			Amb. +10 to 300 / Amb.+18 to 572		
	Fluctuation <sup>1)</sup> at 100°C (±°C / °F)	0.2 / 0.36			0.2 / 0.36		
	Variation <sup>1)</sup> at 100°C (±°C / °F)	0.8 / 1.44		1.5 / 2.70	0.8 / 1.44		1.6 / 2.88
Dimension (WxDxH)	Interior (mm / inch)	645x750x650 / 25.4x29.5x25.6	645x750x930 / 25.4x29.5x36.6	745x850x1200 / 29.3x33.5x47.2	645x750x650 / 25.4x29.5x25.6	645x750x930 / 25.4x29.5x36.6	745x850x1200 / 29.3x33.5x47.2
	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.



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:  
from 1 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/26.8cu 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