

Forced Convection Ovens (Programmable)



Unattended operation is absolutely available with the intelligent programmable controller.



REMOTE CONTROL
with your **MOBILE DEVICE**
see page 8-9



Intelligent program 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 starts.

Performance

- Temperature range from ambient +10°C to 250°C.
- Microprocessor PID control.
- Three point temperature calibration / Automatic tuning.
- Forced air convection ensures optimal air circulation, temperature uniformity, and short heat-up time.
- Adjustable dual slide vents for inner vapor circulation.

Convenience

- Intuitive touch screen LCD controller with easy icons and logical menus.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Digital input and output control function for interlocking external devices.
- Corrosion-resistant incoloy sheath heating element and stainless steel interior.
- RS-232 interface for external control and data collection.

Safety

- Keypad lock function prevents accidental changes during operation.
- Automatic run after power interruption.
- Over-temperature and over-current protection.
- Audible and visible open door alarms.

OF-12P

with optional viewing window

Standard accessories

- Wire shelves (2ea)

Optional accessories

- Tempered viewing window
- Perforated shelves
- Gateway

see page 112

Model		OF-02P	OF-12P	OF-22P
Chamber volume (L / cu ft)		60 / 2.1	102 / 3.6	151 / 5.3
Temperature	Range (°C / °F)	Amb. +10 to 250 / Amb. +18 to 482		
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.5 / 0.9	0.6 / 1.08	0.8 / 1.44
	Variation ¹⁾ at 100°C (±°C / °F)	1 / 1.8	1.3 / 2.3	1.7 / 3.1
Dimension (WxDxH)	Interior (mm / inch)	400×360×420 / 15.7×14.2×16.5	480×410×520 / 18.9×16.1×20.5	550×460×600 / 22×18×23.6
	Exterior (mm / inch)	577×642×760 / 22.7×25.3×30	657×692×870 / 25.9×27.2×34.3	727×742×974 / 28.7×29.2×38.3
	No. of wire shelf (standard / max.)	2 / 7	2 / 11	2 / 13
	Net weight (Kg / lbs)	53 / 117	63 / 139	72.5 / 160
Electrical requirements (230V, 50 / 60Hz)		4.4A	6.1A	7.4A
Cat. No.		AAH12555K	AAH12565K	AAH12575K
Electrical requirements (120V, 60Hz)		6.8A	8.4A	10.1A
Cat. No.		AAH12553U	AAH12563U	AAH12573U

1) Technical data according to DIN 12880.

※ FDA establishment registered company. FDA listed products.