

General Purpose Ovens

OF-02G-2C, OF-02G-4C (Amb. +10 to 200°C)

Forced Convection Ovens (2 / 4-chambers)

Featuring two or four 60L forced convection ovens in a single unit, this oven is designed to offer an ideal solution for laboratories with limited space



Model		OF-02G-2C	OF-02G-4C
Chamber volume (L / cu ft)		60 / 2.1 x 2 chambers	60 / 2.1 x 4 chambers
Temperature	Range (°C / °F)	Amb. +10 to 200 / Amb. +18 to 392	
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.5 / 0.9	
	Variation ¹⁾ at 100°C (±°C / °F)	1 / 1.8	
Dimension (WxDxH)	Interior (mm / inch)	400×360×420 / 15.7×14.2×16.5x 2 Chambers	400×360×420 / 15.7×14.2×16.5x 4 Chambers
	Exterior (mm / inch)	570×640×1340 / 22.4×25.2×52.8	1170×640×1340 / 46.1×25.2×52.8
	No. of wire shelf (standard / max.)	2 / 7 per chamber	2 / 7 per chamber
	Net weight (Kg / lbs)	110 / 242.5	170 / 374.8
Electrical requirements (230V, 50 / 60Hz)		8.4A	8.4A x 2EA
Cat. No.		AAH1A115K	AAH1A015K
Electrical requirements (120V, 50 / 60Hz)		16.7A	16.7A x 2EA
Cat. No.		AAH1A116U	AAH1A016U

1) Technical data according to DIN 12880.

※ FDA establishment registered company. FDA listed products.



Microprocessor PID control

Simple calibration and auto-tuning function

Dual wait on/off timer modes:
from 1 min ~ 99 hr 59 min

Intuitive control panel
with bright LED display
and touch-sensitive keypad

High temperature limit
setting and open door alert

Convenient presetting function
for 3 most commonly used
temperature settings

Forced air convection

Two or four independently
controlled 60L ovens (Same as
OF-02G) merged into a single
unit for space saving

Rounded inner chamber
corners for easy cleaning
and optimal airflow

Corrosion-resistant incoloy
sheath heating element
and stainless steel interior

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

Built-in casters for easy
transport

Wire shelves are provided
as standard accessories

STANDARD

• 2 Wire Shelves per chamber

General Purpose Ovens

OF-01E/11E/21E (Amb. +10 to 220°C)

Forced Convection Ovens (Economy)

Affordable multi-functional fast drying ovens with vertical airflow



Model		OF-01E	OF-11E	OF-21E
Chamber volume (L / cu ft)		52 / 1.8	100 / 3.5	150 / 5.3
Temperature	Range (°C / °F)	Amb. +10 to 220 / Amb. +18 to 428		
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.4 / 0.72		
	Variation ¹⁾ at 100°C (±°C / °F)	3.3 / 5.94	3.3 / 5.94	2.3 / 4.14
Dimension (W×D×H)	Interior (mm / inch)	375×370×370 / 14.8×14.6×14.6	455×430×510 / 18×17×20	585×460×555 / 23×18.1×21.9
	Exterior (mm / inch)	530×535×737 / 20.9×21.1×29	610×595×877 / 24×23.4×34.5	740×625×922 / 29.1×24.6×36.3
	No. of wire shelf (standard / max.)	2 / 9	2 / 13	2 / 14
	Net weight (Kg / lbs)	36 / 79.4	47 / 103.6	59 / 130
Electrical requirements (230V, 50 / 60 Hz)		4.3A	6 A	7.4A
Cat. No.		AAH14012K	AAH14022K	AAH14032K
Electrical requirements (120V, 50 / 60 Hz)		6.8A	8.4A	10.1A
Cat. No.		AAH14016U	AAH14026U	AAH14036U

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Microprocessor PID control

Simple calibration and auto-tuning function

Dual wait on/off timer modes:
from 1 min ~ 99 hr 59 min

Intuitive control panel
with bright LED display
and touch-sensitive keypad

High temperature limit
setting and open door alert

Easy-to-grip circular door
handle

Two wire shelves are provided
as standard accessories

Convenient presetting
function for 3 most commonly
used temperature settings

Forced air convection

Corrosion-resistant incoloy
sheath heating element
and stainless steel interior

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



• 2 Wire Shelves

General Purpose Ovens

OF-02P/12P/22P (Amb. +10 to 250°C)

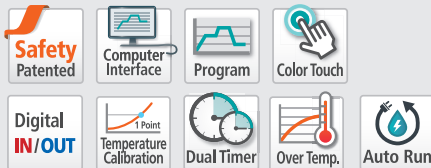
Forced Convection Ovens
(Programmable)

Best suitable for the applications
which require precise and
programmable temperature control

REMOTE CONTROL
with your MOBILE DEVICE



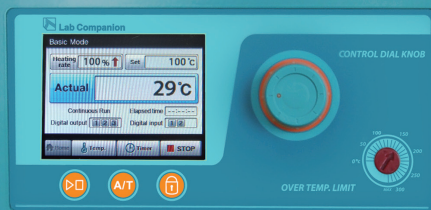
OF-P models with optional Viewing Windows



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.

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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

Intuitive touch screen LCD
controller with easy icons
and logical menus

Maximum 3 temperature
range-specific calibration
and auto-tuning function

Automatic run and button
lock function

Digital input and output
control function for
interlocking external devices

Microprocessor PID control

Dual wait on/off timer modes:
from 1 min to 99 hr 59 min

High temperature limit
setting and open door alert

Convenient presetting
function for 3 most commonly
used temperature settings

RS-232 interface

Forced air convection

Corrosion-resistant incoloy
sheath heating element
and stainless steel interior

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

Threefold tempered-glass
window providing clear inside
view of the chamber (optional)

Two wire shelves are provided
as standard accessories

STANDARD

• 2 Wire Shelves

General Purpose Ovens

OF-02G/12G/22G(Amb. +10 to 250°C)

Forced Convection Ovens (General)

Superb air dispersion and
uniform temperature distribution



OF-G models with optional Viewing Windows



Model		OF-02G	OF-12G	OF-22G
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.		AAH12155K	AAH12165K	AAH12175K
Electrical requirements (120V, 50 / 60Hz)		6.8A	8.4A	10.1A
Cat. No.		AAH12156U	AAH12166U	AAH12176U

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Microprocessor PID control

Simple calibration and
auto-tuning function

Dual wait on/off timer modes:
from 1 min ~ 99 hr 59 min

Intuitive control panel
with bright LED display
and touch-sensitive keypad

High temperature limit setting
and open door alert

Convenient presetting function
for 3 most commonly used
temperature settings

RS-232 interface

Forced air convection

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")

Threefold tempered-glass
window providing clear
inside view of the chamber
(optional)

Wire shelves are provided
as standard accessories

STANDARD

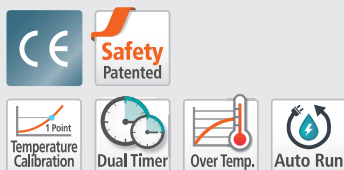
• 2 Wire Shelves

General Purpose Ovens

ON-01E/11E/21E (Amb. +15 to 220°C)

Natural Convection Ovens (Economy)

Economical multi-function ovens
with gentle airflow



Model		ON-01E	ON-11E	ON-21E
Chamber volume (L / cu ft)		52 / 1.8	100 / 3.5	150 / 5.3
Temperature	Range (°C / °F)	Amb. +15 to 220 / Amb. +27 to 428		
	Fluctuation 1) at 100°C (±°C / °F)	0.3 / 0.54	0.4 / 0.72	0.5 / 0.9
	Variation 1) at 100°C (±°C / °F)	6.5 / 11.7	4.1 / 7.38	7.3 / 13.14
Dimension (WxDxH)	Interior (mm / inch)	375×370×370 / 14.8×14.6×14.6	455×430×510 / 18×17×20	585×460×555 / 23×18.1×21.9
	Exterior (mm / inch)	530×535×737 / 20.9×21.1×29	610×595×877 / 24×23.4×34.5	740×625×922 / 29.1×24.6×36.3
	No. of wire shelf (standard / max.)	2 / 9	2 / 13	2 / 13
	Net weight (Kg / lbs)	34 / 75	46 / 101.4	59 / 130
Electrical requirements (230V, 50 / 60 Hz)		4.3A	6A	7.4A
Cat. No.		AAH15015K	AAH15025K	AAH15035K
Electrical requirements (120V, 50 / 60 Hz)		6.7A	8.3A	10A
Cat. No.		AAH15016U	AAH15026U	AAH15036U

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Microprocessor PID control

Simple calibration and
auto-tuning function

Dual wait on/off timer modes:
from 1 min ~ 99 hr 59 min

Intuitive control panel
with bright LED display
and touch-sensitive keypad

High temperature limit
setting and open door alert

Easy-to-grip circular door
handle

Two wire shelves are provided
as standard accessories

Convenient presetting
function for 3 most commonly
used temperature settings

Natural air convection

Corrosion-resistant incoloy
sheath heating element
and stainless steel interior

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

STANDARD

• 2 Wire Shelves

General Purpose Ovens

ON-02G/12G/22G (Amb. +15 to 250°C)

Natural Convection Ovens (General)

Specially designed for applications requiring gentle airflow

Ideal for all sterilization, drying, and high-temperature storage tasks that do not require high drying performance or airflow



All models with optional Viewing Windows



Model	ON-02G	ON-12G	ON-22G
Chamber volume (L / cu ft)	52 / 1.8	91 / 3.2	135 / 4.8
Temperature	Range (°C / °F)		
	Amb. +15 to 250 / Amb. +27 to 482		
	Fluctuation ¹⁾ at 100°C (±°C / °F)		
	0.3 / 0.54		
	Variation ¹⁾ at 100°C (±°C / °F)	7.5 / 13.5	6.9 / 12.42
Dimension (WxDxH)	Interior (mm / inch)	400×360×365 / 15.7×14.2×14.4	480×410×465 / 18.9×16.1×18.3
	Exterior (mm / inch)	577×542×760 / 22.7×21.3×30	657×592×870 / 25.9×23.3×34.3
	No. of wire shelf (standard / max.)	2 / 7	2 / 11
	Net weight (Kg / lbs)	49 / 108	59 / 130
Electrical requirements (230V, 50 / 60 Hz)		4.3A	6A
Cat. No.		AAH11135K	AAH11145K
Electrical requirements (120V, 50 / 60 Hz)		6.7A	8.3A
Cat. No.		AAH11136U	AAH11146U

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Microprocessor PID control

Simple calibration and auto-tuning function

Dual wait on/off timer modes: from 1 min ~ 99 hr 59 min

Intuitive control panel with bright LED display and touch-sensitive keypad

High temperature limit setting and open door alert

Convenient presetting function for 3 most commonly used temperature settings

Natural air convection

Fully insulated dual-wall door with 180 degree hinges and a pull-down handle

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")

Threefold tempered-glass window providing clear inside view of the chamber (optional)

Two wire shelves are provided as standard accessories

STANDARD

• 2 Wire Shelves

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

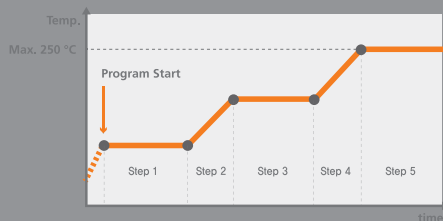
REMOTE CONTROL with your MOBILE DEVICE



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
Temperaure	Range (°C / °F)	Amb. +10 to 200 / Amb.+18 to 392			Amb. +10 to 300 / Amb.+18 to 572		
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.2 / 0.36			0.2 / 0.36		
	Variation ¹⁾ at 100°C (±°C / °F)	0.8 / 1.44			0.8 / 1.44		
Dimension (WxDxH)	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)	850×1100×1235 / 33.5×43.3×48.6	850×1100×1525 / 33.5×43.3×60	950×1200×1785 / 37.4×47.2×70.3	850×1100×1235 / 33.5×43.3×48.6	850×1100×1525 / 33.5×43.3×60	950×1200×1785 / 37.4×47.2×70.3
	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

General Purpose Ovens

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

Forced Convection Ovens (general)

Specially designed for large volume and fast drying applications

REMOTE CONTROL
with your **MOBILE DEVICE**



General Model		OF3-30	OF3-45	OF3-75	OF3-30H	OF3-45H	OF3-75H
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 ¹⁾ at 100°C (±°C / °F)	0.2 / 0.36			0.2 / 0.36		
	Variation ¹⁾ at 100°C (±°C / °F)	0.8 / 1.44			0.8 / 1.44		
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	AAH18215K	AAH182213K	AAH182313K	AAH192113K	AAH192213K	AAH192313K
	Window door	AAH18315K	AAH183213K	AAH183313K	AAH193113K	AAH193213K	AAH193313K
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	-	AAH182214K	AAH182314K	AAH192114K	AAH192214K	AAH192314K
	Window door	-	AAH183214K	AAH183314K	AAH193114K	AAH193214K	AAH193314K

1) Technical data according to DIN 12880.

* CE for 380V, 50/60hz. * FDA establishment registered company. FDA listed products.



Simple and quick control

- Designed for offering the simplest control by user-friendly control panel
- Set value and present value are shown on display at once
- Easy adjustable knob for convenient set values and select functions.
- Intuitive heating level indication bar.

Microprocessor PID control

Three point temperature calibration / Automatic tuning

Dual wait on/off timer modes: from 1 min ~ 99 hr 59 min

Bright VFD display with quick adjustable dial knob.

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)

Convenient presetting function

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

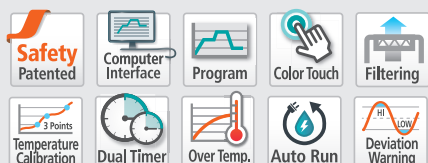
Clean Ovens, Class 100

OFC-20P/40P (Amb. +15 to 200°C), OFC-20HP/40HP (Amb. +15 to 300°C)

Clean Ovens, Class 100 (Programmable)

Reliable HEPA filter guarantees
class 100 cleanliness inside of our
clean oven

REMOTE CONTROL with your **MOBILE DEVICE**



Programmable Model		OFC-20P	OF3-40P	OFC-20HP	OFC-40HP
Chamber volume (L / cu ft)		200 / 7.1	400 / 14.1	200 / 7.1	400 / 14.1
Temperaure	Range (°C / °F)	Amb. +15 to 200 / Amb.+27 to 392		Amb. +15 to 300 / Amb.+27 to 572	
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.2 / 0.36		0.2 / 0.36	
	Variation ¹⁾ at 100°C (±°C / °F)	2.0 / 3.60		2.0 / 3.60	
Dimension (WxDxH)	Interior (mm / inch)	645x750x412 / 25.4x29.5x16.2	645x750x866 / 25.4x29.5x34.1	645x750x412 / 25.4x29.5x16.2	645x750x866 / 25.4x29.5x34.1
	Exterior (mm / inch)	850x1100x1170 / 33.5x43.3x46.1	850x1100x1625 / 33.5x43.3x64	850x1100x1170 / 33.5x43.3x46.1	850x1100x1625 / 33.5x43.3x64
	Net weight (Kg / lbs)	190 / 418.9	250 / 551.2	190 / 418.9	250 / 551.2
Shelves	No. of wire shelf (standard / max.)	2 / 4	3 / 7	2 / 4	3 / 7
	Max. load per shelf (kg / lbs)	25 / 55.1		25 / 55.1	
Electrical requirements (230V, 50/60Hz)		1P, 12.0 A			
Cat No.	Solid door	AAH173115K		-	-
	Window door	AAH173125K		-	-
Electrical requirements (380V, 50Hz)				3P, 6.7 A	
Cat No.	Solid door	-	AAH173214K	AAH174114K	AAH174214K
	Window door	-	AAH173224K	AAH174124K	AAH174224K

1) Technical data according to DIN 12880.

※ 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

Class 100 cleanliness is achieved by HEPA filter

- 0.3 µm and larger particulates are removed with 99.97% efficiency, leak-tight HEPA filter which satisfying class 100
- Easy HEPA filter condition check by a built-in front differential pressure
- Real time monitor of HEPA filter is available. Optional digital differential pressure gauge let users know when filter needs replacement

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/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 200L Chambers
- 3 Wire Shelves for 400L Chambers
- HEPA filter, Analog differential pressure gauge

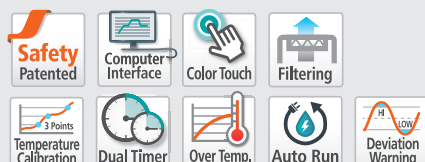
Clean Ovens, Class 100

OFC-20/40 (Amb. +15 to 200°C), OFC-20H/40H (Amb. +15 to 300°C)

Clean Ovens, Class 100 (general)

Reliable HEPA filter guarantees class 100 cleanliness inside of our clean oven

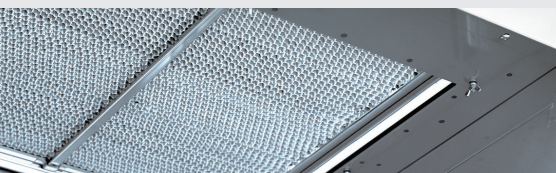
REMOTE CONTROL
with your **MOBILE DEVICE**



General Model		OFC-20	OFC-40	OFC-20H	OFC-40H
Chamber volume (L / cu ft)		200 / 7.1	400 / 14.1	200 / 7.1	400 / 14.1
Temperatures	Range (°C / °F)	Amb. +15 to 200 / Amb.+27 to 392		Amb. +15 to 300 / Amb.+27 to 572	
	Fluctuation ¹⁾ at 100°C (±°C / °F)	0.2 / 0.36		0.2 / 0.36	
	Variation ¹⁾ at 100°C (±°C / °F)	2.0 / 3.60		2.0 / 3.60	
Dimension (WxDxH)	Interior (mm / inch)	645x750x412 / 25.4x29.5x16.2	645x750x866 / 25.4x29.5x34.1	645x750x412 / 25.4x29.5x16.2	645x750x866 / 25.4x29.5x34.1
	Exterior (mm / inch)	850x1100x1170 / 33.5x43.3x46.1	850x1100x1625 / 33.5x43.3x64	850x1100x1170 / 33.5x43.3x46.1	850x1100x1625 / 33.5x43.3x64
	Net weight (Kg / lbs)	190 / 418.9	250 / 551.2	190 / 418.9	250 / 551.2
	Max. load per shelf (kg / lbs)	25 / 55.1		25 / 55.1	
Shelves		2 / 4		2 / 4	
Electrical requirements (230V, 50/60Hz)		1P, 12.0 A			
Cat No.	Solid door	AAH171115K	-	-	-
	Window door	AAH171125K	-	-	-
Electrical requirements (380V, 50Hz)		3P, 6.7 A		3P, 6.2 A	
Cat No.	Solid door	-	AAH171214K	AAH172114K	AAH172214K
	Window door	-	AAH171224K	AAH172124K	AAH172224K

1) Technical data according to DIN 12880.

※ FDA establishment registered company. FDA listed products.



Simple and quick control

- Designed for offering the simplest control by user-friendly control panel
- Set value and present value are shown on display at once
- Easy adjustable knob for convenient set values and select functions.
- Intuitive heating level indication bar.

Class 100 cleanliness is achieved by HEPA filter

- 0.3 µm and larger particulates are removed with 99.97% efficiency, leak-tight HEPA filter which satisfying class 100
- Easy HEPA filter condition check by a built-in front differential pressure
- Real time monitor of HEPA filter is available. Optional digital differential pressure gauge let users know when filter needs replacement

Microprocessor PID control

Three point temperature calibration / Automatic tuning

Dual wait on/off timer modes: from 1 min ~ 99 hr 59 min

Bright VFD display with quick adjustable dial knob.

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)

Convenient presetting function

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

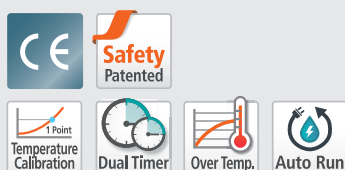
STANDARD

- 2 Wire Shelves for 200L Chambers
- 3 Wire Shelves for 400L Chambers
- HEPA filter, Analog differential pressure gauge

Vacuum Ovens

OV-11/12 (Amb. +5 to 250°C)

Optimally constructed for separating solvents from solutions or drying solvents with high boiling points



Model		OV-11	OV-12
Chamber volume (L / cu ft)		28 / 1	65 / 2.3
Vacuum range		0~0.1MPa, Analog	
Nozzle size (mm / inch)		Vacuum \varnothing 10 / 0.4, Vent \varnothing 10 / 0.4	
Temperature	Range (°C / °F)	Amb. +5 to 250 / Amb. +9 to 482	
	Fluctuation ¹⁾ (±°C / °F at 100°C)	0.1 / 0.18	0.3 / 0.54
	Variation ¹⁾ (±°C / °F at 100°C)	3.7 / 6.66	
Dimension (WxDxH)	Interior (mm / inch)	302×305×302 / 11.9×12×11.9	402×405×402 / 15.8×15.9×15.8
	Exterior (mm / inch)	680×453×495 / 26.8×17.8×19.5	780×557×595 / 30.7×21.9×23.4
	Net weight (Kg / lbs)	63 / 139	103 / 227
Electrical requirements (230V, 50 / 60 Hz)		5.3A	6.1A
Cat. No.		AAH13115K	AAH13125K
Electrical requirements (120V, 50 / 60 Hz)		10A	11.7A
Cat. No.		AAH13116U	AAH13126U

1) Technical data according to DIN 12880.

※ FDA establishment registered company. FDA listed products.



Microprocessor PID control

Simple calibration and auto-tuning function

Vacuum range: 0 to 0.1 MPa.
(analog vacuum gauge)

Dual wait on/off timer modes:
from 1 min ~ 99 hr 59 min

Intuitive control panel
with bright LED display
and touch-sensitive keypad

High temperature limit setting
and open door alert

Convenient presetting function
for 3 most commonly used
temperature settings

RS-232 interface

Separate vacuum and vent
ports

Heat tempered glass
window providing clear
inside view of the chambers

Tight vacuum seal thanks
to spring-loaded glass door,
silicone gasket, and a push-
button latch handle

Uniform heat distribution
from block type heater
attached to the chamber
exterior to the anodized
aluminum shelves

Viton door gasket
also available for acidic
applications (optional)

STANDARD

- Plate Shelf, 3.0mm (0.12"): 2 for OV-11 / 3 for OV-12