

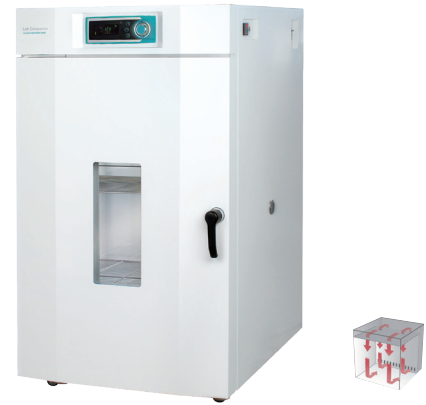
# Clean Ovens, Class 100

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

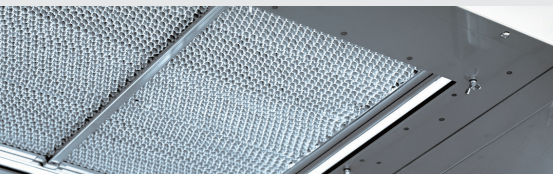
REMOTE CONTROL  
with your MOBILE DEVICE



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
Temperature	Range (°C / °F)	Amb. +15 to 200 / Amb.+27 to 392		Amb. +15 to 300 / Amb.+27 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)	2.0 / 3.60	2.2 / 3.96	2.0 / 3.60	2.2 / 3.96
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	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