

Economical Forced Convection Oven



Basic function, Forced air circulation

DKL310C/410C/610C

Operating temp. range

Room temp. +10°C to 260°C

Temp. distribution accuracy

±2.5°C (at 210°C)

Internal capacity

27L

DKL310C

90L

DKL410C

150L

DKL510C

Fixed temp. operation model, ensures basic functions.

Easy operation with various function settings, fixed temp. operation forced convection constant temp. oven.

■ Features

- Easy operation, available for fixed temp. and auto stop operations

■ Safety Protect

- Self-diagnosis circuit (abnormal temp. input, overheat prevention of upper temp. limit), overcurrent ELB, independent overheat protector.



■ Specifications

Model	DKL310C	DKL410C	DKL610C
Circulation method	Forced air circulation		
Operating temperature range	Room temp. +10~260°C		
Temp. control accuracy	±1°C (at 210°C)		
Temp. distribution accuracy	±2.5°C (at 210°C)		
Max. temp. reaching time	Approx. 60min (at room temp. +10°C~210°C), Approx. 90min (at room temp. +10°C~260°C)		
Interior material	Stainless steel plate		
Exterior material	Cold rolled steel plate with chemical proofing coating		
Heat insulating material	Glass wool		
Heater	Stainless pipe heater 0.8kW	1.2kW	1.34kW
Fan type / Motor	Scirocco fan / Condenser type motor 10W		
Cable port	30 mm I.D.×1 pc. (Right side)		
Exhaust port	30 mm I.D.×2 pcs.(The top)		
Temp. controller	PID control by microprocessor		
Temp. setting method	Operation menu key and digital setting by UP/DOWN key		
Temp display method	Measured temp. display: Green 4-digit LED digital display Setting temp. display: Red 4-digit LED digital display		
Timer	1min-99 hr 59 min		
Operation functions	Fixed temp. operation, auto stop operation		
Additional functions	Deviation correction, parameter lock		
Sensor	Temp. controller: Pt100 thermal resistance, Overheat protection: Liquid-expansion temp. controller		
Safety device	Self-diagnosis (Abnormal temp. sensing, Overheat prevention of upper temp. limit), Parameter lock, Independent overheat protector, Overcurrent ELB		
Internal dimensions (W×D×H)	300×300×300mm	450×450×450mm	600×500×500mm
External dimensions*(W×D×H)	410×451×670mm	560×601×820mm	710×651×870mm
Internal capacity	27L	90L	150L
Shelf plate with standard load	15kg / piece		
Shelf rest step number	6 steps	9 steps	12 steps
Shelf rest pitch	35mm		
Power source 50/60Hz	AC220V 4.5A	AC220V 6.5A	AC220V 7A
Weight	Approx. 35kg	Approx. 50kg	Approx. 65kg
Shelf plate	Stainless steel 2 pcs.		
Shelf bracket	4 pcs.		
Optional	Stand	ON61C	
	Stacking holder	OD40C	OD60C
	Others	Shelf plate (1 plate with 2 rests), Cable hole (30/50mm)	