

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
DK410C

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	ON30C	ON61C	
	Stacking holder	—	OD40C	OD60C
	Others	Shelf plate (1 plate with 2 rests), Cable hole (30/50mm)		