

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.x1 pc. (Right side)			
Exhaust port	30 mm I.D.x2 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 (WxDxH)	300x300x300mm	450x450x450mm	600x500x500mm	
External dimensions*(WxDxH)	410x451x670mm	560x601x820mm	710x651x870mm	
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)		