

# SPECIFICATIONS

## DKN Series Ovens

MODEL		DKN-400	DKN-600	DKN-810
System		Forced Fan Circulation		
Performance	Operating temperature range	40°C to 260°C		
	Temperature adjustment accuracy	±1.0°C (at 210°C)		
	Temperature distribution accuracy	±2.5°C (at 210°C)		
	Time to reach Max. Temperature	Approx. 60 min.	Approx. 75 min.	
Components	Temperature control system	PID control by microcomputer		
	Temperature setting system	Digital setting system by ▲ and ▼ keys		
	Temperature indicating system	Digital display by green LED Setting, measured temperature change, display in the main indicator, (Sub-indicator displays the setting temperature.)		
	Timer Resolution of Timer	1 minute ~ 99 hours, 59 minutes, and 100 hours ~ 999 hours 1 minute or 1 hour		
	Operation mode	Fixed temperature operation Program operation: Optional 1~3 patterns, 5 segments/pattern (Repeat, ramp operation, quick auto-stop)		
	Additional functions	Temperature preset function (possible to save and load 10 different temperatures), integrating time function (up to 49,999 hours), key lock system		
	Heater System Capacity	1.2 kW	Iron - chrome wire heater 1.5 kW	3.0 kW
	Control of heater circuit	TRIAC zero cross system		
	Sensor	Platinum resistance bulb (Pt 100Ω)		
	Fan Type Capacity	Scirocco fan Condenser motor 10W		30W
	Interior lining	Stainless Steel SUS304		
	Observation Window	180 mm x 280 mm x 3 mm thick reinforced glass		No Window
	Exhaust Port	1 port on the top (30mm diameter)		2 ports on rear face (30mm diameter)
	Safety systems	Self-diagnostic functions (automatic overheat prevention, abnormal temperature sensor, heater disconnection, TRIAC short circuit, main relay out of order), circuit breaker, alarm buzzer		
Standards	Internal dimensions W x D x H inches	17.7 x 15.7 x 15.7	23.6 x 19.7 x 19.7	23.6 x 19.7 x 39.4
	External dimensions W x D x H inches	22.0 x 21.3 x 30.9	27.6 x 21.3 x 34.8	28.0 x 25.6 x 63.7
	Internal capacity	2.5 cu. ft.	5.3 cu. ft.	10.6 cu. ft.
	Shelf/Shelf brackets	2 sets	2 sets	4 sets
	Electrical capacity	115 VAC, 11A	115 VAC, 13.5A	220 VAC, single phase, 14.5A
	Weight	Approx. 99 lbs.	Approx. 143 lbs.	Approx. 275 lbs.