

# Specifications

	DKN400	DKN600	DKN810	DKN910
Method	Forced Air Circulation			
Temperature control range	Ambient +5°C ~ 260°C			Ambient +5°C ~ 210°C
	Ambient temp.: 23°C, No load			
Temperature adjustment accuracy	±1°C (Set temp.: 210°C)			
Temperature distribution accuracy	±2.5°C (Set temp.: 210°C)			
Temperature rise time	(Room temp. to 260°C)			(Room temp. to 210°C)
	Approx. 60 min.	Approx. 75 min.		
Temperature fall time	(260 to 50°C)			(210 to 50°C)
	Approx. 150 min.	Approx. 160 min.	Approx. 220 min.	
Heater	SUS pipe heater			
	1.2kw	1.5kw	3kw	3.6kw
Controller	HITEC® VS4			
Temperature control system	PID control for heater output by microprocessor			
Setting system	Digital			
Operation mode	Fixed temperature, Quick auto stop, Auto stop, Auto start, Program operation			
Sensor	K-thermocouple			
Additional functions	Lock function, Auto recovery after power failure, Calibration offset			
Self-diagnostic functions	Failure of Sensor, heater, SSR, memory, internal communication, temperature input circuit, automatic overheat prevention device, independent overheat prevention device, measured temperature			
Safety device	Circuit breaker, Overheat prevention device			
External dimensions (W×D×H, inch)	21.7×21.3×30.9	27.6×25.2×34.8	28×25.6×63.7	46.5×25.6×66.3
External dimensions (W×D×H, mm)	550×540×785	700×640×885	710×651×1619	1180×651×1683
Internal dimensions (W×D×H, inch)	17.7×15.7×15.7	23.6×19.7×19.7	23.6×20.1×39.4	42.1×19.7×39.4
Internal dimensions (W×D×H, mm)	450×400×400	600×500×500	600×510×1000	1070×500×1000
Capacity	2.5 cu. ft. (72ℓ)	5.3 cu. ft. (150ℓ)	10.6 cu. ft. (300ℓ)	18.5 cu. ft. (535ℓ)
Door	Single door, silicone gasket			Double door
Power supply (50/60Hz)	115V AC single phase		220V AC single phase	
	12A	14A	14A	17A
Weight	Approx. 99.2 lbs (45 kg)	Approx. 141.1 lbs (64 kg)	Approx. 275.6 lbs (125 kg)	Approx. 419 lbs (190 kg)
Accessories	Shelf (maximum load: 33 lbs (15kg) per shelf)			
	2 Shelves		4 Shelves	8 Shelves
	Instruction Manual			

- ❖ The performance under the power supply condition of AC 115V and 220V are shown here.
- ❖ The usable ambient temperature of the unit is from 5°C to 35°C.
- ❖ The temperature fall time here shows the reference value.