

## 2. SPECIFICATIONS

Model	DN-43	DN-63	DN-83
Operating temp. range	40°C to 260°C		40°C to 200°C
Temp. control accuracy	±1.0°C (at 200°C)		±0.5°C (at 200°C)
Temp. uniformity	±0.75°C (at 200°C)		
Temp. controller	PID Control with microprocessor Battery back-up memory 5 programable programs for special requirements		
Temperature setting method	Digital setting		
Temperature display method	Digital display		
Safety device	Self-diagnostic function (set value abnormality, temperature sensor disconnection, triac short circuit, heater disconnection, fan abnormality), circuit breaker, *1 door switch.		
Time required to reach max. temp.	Approx. 90 min.		Approx. 60 min.
Sensor	K thermocouple		
Heater	Stainless steel pipe heater		
	1.2 kW	1.5 kW	2.4 kW
Blower fan	Sirocco fan		
Blower motor	Condenser motor, 10 W		Condenser motor, 30 W
Timer	1 min. to 99 hours 59 min., digital display		
Observation window mm	250 x 280 x 3		None
W x D x T inch	9.8 x 11.0 x 0.12		
Material interior	Stainless steel, SUS304		
Material exterior	Cold rolled carbon steel sheets Finished with baked melamine resin		
Insulation	Glass wool*2		
Overall dimensions mm	560 x 640 x 830	710 x 690 x 880	710 x 690 x 1660
W x D x H inch	22 x 25.2 x 32.7	28 x 27.2 x 34.6	28 x 27.2 x 65.4
Inside dimensions mm	450 x 450 x 450	600 x 500 x 500	600 x 490 x 1000
W x D x H inch	17.7x17.7x17.7	23.6x19.7x19.7	23.6x19.3x39.4
Inside capacity l (cu ft)	90 (3.2)	150 (5.3)	294 (10.4)
Net weight kg (Lbs)	Apprpx. 50 (100.2)	Approx. 65 (143.3)	Approx. 110 (242.5)
Power supply 60 Hz			
Max. number of shelves that can be inserted	11	13	29
Space between shelves mm (inch)	30 (1.2)		
Shelf load capacity kg (Lbs)	Approx. 15 (33.1)/Shelf		
Accessories (included)			
Shelf (Hole type-SUS304)	2 pcs.	3 pcs.	5 pcs.
Shelf bracket (SUS304)	4 pcs.	6 pcs.	10 pcs.

\*1 Door switch is attached to all ovens except DN-83.

\*2 Glass wool composition

WT%

SiO<sub>2</sub> 55-75

Al<sub>2</sub>O<sub>3</sub> 1-5

CaO 6-12

MgO 2-4

B<sub>2</sub>O<sub>3</sub> 0-10

R<sub>2</sub>O 9-16

(Na<sub>2</sub>O·K<sub>2</sub>O)

*Shelf size 3*

*22 1/2 x 18 1/4*