



DFO-N Series, 50 Liter, 70 Liter, 140 Liter, 240 Liter Ovens

Precise hot-air drying ovens, sterilizing in one unit. Micro-processor based temperature controller and zero hysteresis infrared wire heater for stability up to $\pm 0.1^\circ\text{C}$. Silent hot conditioned axial fan and the unique design of air circulation for uniformity. Patented ventilator featured with safe & easy access for exhausting of damp and fume, fast cool-down and ultra-low intrinsic temperature close to ambient. Available with power-on modes of standby and auto restart after power failure for additional reliable and uninterrupted operation. Bright cool white temperature screen, easy access symbolic key icon and status display. Hair-style polished stainless steel interior and rounded corner bottom for easy cleaning and long service life. Adjustable shelves for more space & different heights.

Applications:

Applicable to drying, burning, sterilizing and aging in fields of medical Is & pharmaceuticals, life science, agriculture, food industries and, electric and electronics



Specifications:

Model	DFO-50N	DFO-70N	DFO-140N	DFO-240N
Temp. range	Room temperature 5°C ~ 260°C			
Temp. constancy	$\pm 0.1^\circ\text{C}$ ~ 0.3°C			
Temp. uniformity	± 1.5 ~ 2.0%			
Temp. control	PID			
Heater: Oven	950W		1500W	2100W
Inside Material	SUS-304, hair style polishing			
Timer	Auto start-up, Auto shut-up			
Safety devices	Protection and warning against short-open-circuit of temperature sensor High-temperature cutout and low-temperature alarm Independent over temperature cutout (STB), RCD ATC (Absolute Temperature Calibration), Auto start-up or standby after power fail ure			
Inside dimensions (mm)	W400xD400xH320	W440xD400xH400	W550xD550xH460	W640xD610xH610
Outside dimensions (mm)	W510xD550xH698	W550xD550xH778	W660xD705xH858	W750xD765xH1008
Capacity (Liters)	50	70	140	240
Shelves/Maximum	2/3	2/4	2/5	3/7
Power input	220-240V~, 50/60Hz, 100V- 50/60Hz, 120V-160Hz			
Net Weight	58kg	65kg	83kg	116kg