

Clifton NE9 Drying Ovens

Clifton Range[®]



NE9-15S

NE9-32S

GENERAL		
Temp. Range	Ambient +5°C to 300°C	
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point	
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C	
Temp. Sensor	pt100 with control diagnostics at power up	
Temp. Fluctuation 150°C	±0.4°C	
Temp. Variation 150°C	±1.8°C	
Temp. Heat up 150°C	25 Minutes	
Temp. Door open recovery 150°C	5 Minutes	
Temp. Control & Run Back Timer	Visual indicator and end messaging 00:01 to 99:59 (hh:mm) activates at set temp	
Temp. Control & Delay Start Timer	Heating commences at a set time in the future, within 24 hours	
Chamber convection	Gravity convection 0% variable to 100% fan speed for forced air circulation	
Exhaust Air Flap	Adjustable 0 to 100% chamber venting	
Access Port	35mm port size, perforated flap cover helps to reduce losses when external probes fitted	
Doors	Single insulated door, lockable with 2 point door engagement for an even seal	
Door Alarm	Door open, heating interrupted, delay before door sounder chimes until door closed, heating resumes	
Shelves fitted & max	1 wire / 3 max	
Shelving Locations	Available every 20mm vertically	
Shelf Max. Load	10kg	20kg
Heater Power	1050W	1100W
Voltage	230V 50/60Hz	
DIMENSIONS		
Chamber Capacity	15 Litre	32 Litre
External Dimensions (mm)	520w x 390d x 600h	600w x 460d x 680h
Internal Dimensions (mm)	320w x 180d x 240h	400w x 250d x 320h
Stackable	Yes	
Feet/Castors	Levelling Feet	

The **NE9 series** Drying Oven, with gravity convection and variable fan speed for forced air circulation with a stainless steel chamber. Dial controls for Air Flap and Fan Speed settings, bold illuminated LED temperature display offering precise time and temperature control from ambient +5°C to 300°C. Run back timer and delay start feature. With energy efficiency in mind, particular attention is paid to providing a good tight door closure and hinge design to maintain a sealed chamber in use. As the unit has a sealed chamber, less energy is used to hold set temperature and the smart controller will pulse energy to maintain set point throughout operation.

	NE9-56S	NE9-112S	NE9-240S
GENERAL			
Temp. Range	Ambient +5°C to 300°C		
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Sensor	pt100 with control diagnostics at power up		
Temp. Fluctuation 150°C	±0.4°C		
Temp. Variation 150°C	±1.8°C		
Temp. Heat up 150°C	25 Minutes		
Temp. Door open recovery 150°C	5 Minutes		
Temp. Control & Run Back Timer	Visual indicator and end messaging 00:01 to 99:59 (hh:mm) activates at set temp		
Temp. Control & Delay Start Timer	Heating commences at a set time in the future, within 24 hours		
Chamber convection	Gravity convection 0% variable to 100% fan speed for forced air circulation		
Exhaust Air Flap	Adjustable 0 to 100% chamber venting		
Access Port	35mm port size, perforated flap cover helps to reduce losses when external probes fitted		
Doors	Single insulated door, lockable with 2 point door engagement for an even seal		
Door Alarm	Door open, heating interrupted, delay before door sounder chimes until door closed, heating resumes		
Shelves fitted & max	2 wire / 5 max	2 wire / 8 max	3 wire / 10 max
Shelving Locations	Available every 20mm vertically		
Shelf Max. Load	20kg		
Heater Power	2150W		3200W
Voltage	230V 50/60Hz		230V 50/60Hz Blue Power plug 2P+E
DIMENSIONS			
Chamber Capacity	56 Litre	112 Litre	240 Litre
External Dimensions (mm)	600w x 605d x 720h	600w x 660d x 980h	800w x 720d x 1160h
Internal Dimensions (mm)	400w x 400d x 360h	400w x 450d x 620h	600w x 510d x 800h
Stackable	Yes		No
Feet/Castors	Levelling Feet		

NE9-400S

NE9-750S

GENERAL	
Temp. Range	Ambient +5°C to 300°C
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C
Temp. Sensor	pt100 with control diagnostics at power up
Temp. Fluctuation 150°C	±0.8°C
Temp. Variation 150°C	±2.5°C
Temp. Heat up 150°C	35 Minutes
Temp. Door open recovery 150°C	10 Minutes
Temp. Control & Run Back Timer	Visual indicator and end messaging 00:01 to 99:59 (hh:mm) activates at set temp
Temp. Control & Delay Start Timer	Heating commences at a set time in the future, within 24 hours
Chamber convection	Gravity convection 0% variable to 100% fan speed for forced air circulation
Exhaust Air Flap	Adjustable 0 to 100% chamber venting
Access Port	35mm port size, perforated flap cover helps to reduce losses when external probes fitted
Doors	Double door, 2 point locking, even seal
Door Alarm	Door open, heating interrupted, delay before door sounder chimes until door closed, heating resumes
Shelves fitted & max	3 wire / 14 max 5 wire / 16 max
Shelving Locations	Available every 20mm vertically
Shelf Max. Load	20kg
Heater Power	4250W 5250W
Voltage	230V 50/60Hz Blue Power plug 2P+E
DIMENSIONS	
Chamber Capacity	400 Litre 750 Litre
External Dimensions (mm)	1000w x 720d x 1470h mm 1240w x 810d x 1625h mm
Internal Dimensions (mm)	800w x 510d x 1040h mm 1040w x 600d x 1200h mm
Stackable	No
Feet/Castors	Levelling castors

ACCESSORIES

	Wire Shelves	Perforated Shelves	Additional program function	Factory Calibration 1 point	Temperature Survey 9 point	Temperature Survey 27 point
NE9-15S	WS-15	SP-15	RT-3	CAL	CAL-9	CAL-27
NE9-32S	WS-32	SP-32				
NE9-56S	WS-56	SP-56				
NE9-112S	WS-112	SP-112				
NE9-240S	WS-240	SP-240				
NE9-400S	WS-400	SP-400				
NE9-750S	WS-750	SP-750				