

## Explosion-proof Ovens | Explosion-proof, Precision High-capacity

DF811SC/1011SC, DH811SC/1011SC

Forced  
ConvectionAutomatic  
Overheating  
PreventerOverheating  
PreventerSelf-diagnostic  
FunctionKey Lock  
FunctionPower Failure  
Compensation  
FunctionOvercurrent  
Leakage Circuit  
Breaker

## Specifications

Model		DF811SC	DF1011SC
System		Forced convection and ventilation	
Operating temp. range		Room temp. +10~200°C	
GB standard	Temp. fluctuation	±0.2°C (at 200°C)	
	Temp. deviation	±2°C (at 100°C), ±3°C (at 200°C)	
JTM standard	Temp. adjusting accuracy	±0.2°C (at 200°C)	
	Temp. distribution accuracy	±3.0°C (at 200°C)	
Max. temp. reaching time		Approx. 60 min (to 200°C)	
Heater		4.5KW	6.0KW
Fan blade/motor		Axial fan blades, motor 20W×1	Axial fan blades, motor 20W×2
Internal dimensions (W×D×H mm)		800×800×800	1000×1000×1000
External dimensions (W×D×H mm)		1500×1015×1742	1700×1215×1932
Internal capacity		512L	1000L
Power supply (50/60Hz)		3 phase AC380V 7.5A	3 phase AC380V 10A
Weight		Approx. 210kg	Approx. 280kg

Model		DH811SC	DH1011SC
System		Forced convection and ventilation	
Operating temp. range		Room Temp. +10~300°C	
GB standard	Temp. fluctuation	±0.3°C (at 300°C)	
	Temp. deviation	±2°C (at 100°C), ±3°C (at 200°C), ±5°C (at 300°C)	
JTM standard	Temp. adjusting accuracy	±0.3°C (at 300°C)	
	Temp. distribution accuracy	±5.0°C (at 300°C)	
Max. temp. reaching time		Approx. 80 min (to 300°C)	
Heater		6.9KW	9.0KW
Fan blade/motor		Axial fan blades, motor 20W×1	Axial fan blades, motor 20W×2
Internal dimensions (W×D×H mm)		800×800×800	1000×1000×1000
External dimensions (W×D×H mm)		1500×1015×1742	1700×1215×1932
Internal capacity		512L	1000L
Power supply (50/60Hz)		3 phase AC380V 11A	3 phase AC380V 14.5A
Weight		Approx. 210kg	Approx. 280kg

## Explosion-proof Ovens | Explosion-proof, 500°C, Precision

DH450SC/650SC/850SC

Forced  
ConvectionAutomatic  
Overheating  
PreventerOverheating  
PreventerSelf-diagnostic  
FunctionKey Lock  
FunctionPower failure  
Compensation  
FunctionOvercurrent  
Leakage Circuit  
Breaker

## Specifications

Model		DH450SC	DH650SC	DH850SC
System		Forced convection and ventilation		
Operating temp. range		Room temp. +10~500°C		
GB standard	Temp. fluctuation	±0.5°C (at 500°C)		
	Temp. deviation	±2°C (at 100°C)	±2°C (at 100°C)	
		±3°C (at 200°C)	±3°C (at 200°C)	
		±4°C (at 300°C)	±5°C (at 300°C)	
±6°C (at 400°C)		±8°C (at 400°C)		
JTM standard	Temp. adjusting accuracy	±0.5°C (at 500°C)		
	Temp. distribution accuracy	±5.0°C (at 500°C)		±8.00°C (at 500°C)
Max. temp. reaching time		Approx. 60 min		
Heater		6.0KW	7.8KW	9.0KW
Fan blade/motor		Axial flow fan, self-cooling high-temp. motor 20W × 1		
Internal dimensions		450×450×450	600×600×600	800×800×800
External dimensions (W×D×H mm)		1200×800×1550	1350×950×1700	1550×1150×1900
Internal capacity		91L	216L	512L
Power supply (50/60Hz)		Single phase AC220V 30A	3 phase AC380V 12A	3 phase AC380V 15A
Weight		Approx. 210kg	Approx. 300kg	Approx. 370kg

1 Sterilizers

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and Spray  
Dryers3 Muffle  
Furnaces

4 Ovens

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6 Plasma  
Equipment7 Water  
Purifiers

8 Baths

9 Water  
Circulators10 Rotary  
Evaporators11 Freeze Dryers  
& Cold Traps12 Stirrers &  
Shakers

13 Washers

14 Analysis and  
Test Devices

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