

Fine Oven (with Explosion Vent)

Anti-explosion

DF412S/612S, DH412S/612S

Forced convection circulation

Auto overheat prevention

Independent overheat protector

Self-diagnosis

Key lock

Power outage compensation

Overcurrent ELB

Operating temp. range

RT +10°C~260°C
DF412S/612S

RT +10°C~360°C
DH412S/612S

Temp. gradient

10°C (at 260°C)
DF412S/612S

12°C (at 360°C)
DH412S/612S

Internal capacity

91L
DF/DH412S

216L
DF/DH612S

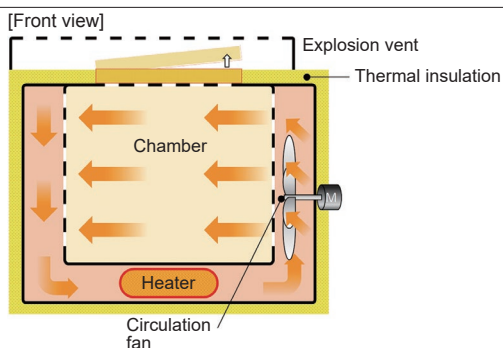
Fine oven with explosion preventive vent door.

- Equipped with safety door to relieve an explosion pressure (explosion preventive vent door) and an interlock door knob to reliably secure main unit and door.
- The product is integrated with the following interlock functions:
 - ① Through the door lock mechanism, device runs while door is locked.
 - ② Through the explosion detector (set on top), operation stops when activated.
- Standard functions include program operation and other high precision functions.
- Improved safety functions include self diagnostic, automatic overheat prevention and key lock.



216L
DH612S

Method



Specifications

Product No.	211764	211765	211766	211767
Model	DF412S	DF612S	DH412S	DH612S
Circulation method	Forced convection and ventilation			
Operating temp. range	RT+10°C to 260°C		RT+10°C to 360°C	
Temp. gradient	10°C (at 260 °C)		±12°C (at 360 °C)	
Temperature control	PID control with a micro computer			
Operation & control	Fixed temp., Auto-start, Auto-stop, Quick auto stop, program (Max.99 steps, 99 patterns, repeat)			
Additional functions	Calendar timer (max. 24hrs.), Integration time (max. 65535hrs.), Calibration off-set, Display the amount of power consumption/CO2 discharge / Heater operation amount, Power failure recovery mode, User setting information save and recall, Wind velocity changeable function			
Temp. sensor	K-thermocouple (double sensor)			
Heater	Stainless steel pipe heater with fins			
Heater capacity	2.1kW	3.0kW	2.7kW	3.75kW
Fan	Axial fan (Condenser motor: 20W)			
Cable port	I.D. 30mm (rear panel)			
Heat insulator	Glass wool		Ceramic fiber	
Additional mechanism	Explosion preventive vent door, Exhaust damper (manual operation)			
Safety functions	Self diagnosis functions(Sensor, Heater, Relay, Triac, Automatic overheat prevention), Independent overheat prevention, Key lock function, Electric leakage breaker, Door switch			
Internal dimensions	W450×D450×H450mm	W600×D600×H600mm	W450×D450×H450mm	W600×D600×H600mm
External dimensions*1	W1,050×D620×H1,240mm	W1,200×D780×H1,400mm	W1,050×D620×H1,240mm	W1,200×D780×H1,400mm
Internal capacity	91L	216L	91L	216L
Weight	Approx. 130kg	Approx. 170kg	Approx. 130kg	Approx. 170kg
Power supply (50/60Hz)	AC220V Single phase 10A	AC220V Single phase 15A	AC220V Single phase 13A	AC220V Single phase 19A
Accessories	Shelf	Stainless wire (loading up to 30kg/shelf)		
	Shelf bracket	2pcs.	3pcs.	2pcs.
		4pcs.	6pcs.	3pcs.
			4pcs.	6pcs.

The length of the power cord is about 2 meters outside the unit.

*1 Do not include protrusions.

Optional Items

No.	Product name	Product code
①	Shelf set for DF/DH412S (shelf: 1pc+bracket: 2pcs)	211063
②	Shelf set for DF/DH612S (shelf: 1pc+bracket: 2pcs)	211064

