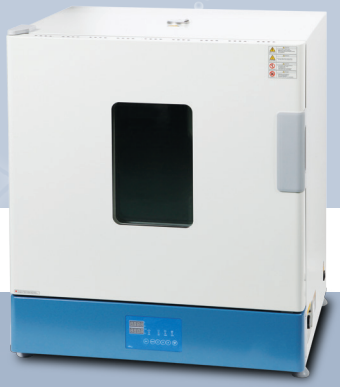
Forced Convection Oven

열풍건조기



Features

· Fuzzy function to prevent overheat.
· Accurate temperature controls by Digital PID controller.
· Controller select time scale (59 mininute 59 second, 99 hour 59 minute, 99 day 23 hour).
· In case of temperature sensor disconnection, error message appear Alarm rings when timer end.
· In case of difference between real temperature and appeared temperature, user can adjust correctly.
· When controller setting value is changed by the mistake of operation, save and recall function can restore it early.
· User can adjust temperature not to raise up certain degree from installed temperature.
· Threefold tempered safety glass windows for excellent insulation and easy observation.
· Buffering device to enhance door adherence for insulation.
· Upper vent to emit moist and gas of samples after evaporation.
· SUS #304 used in inside chamber for durability.
· Circuit breaker for electrical safety.

Specifications

Made in Korea

Spec. / Model		CO-42	CO-81	CO-150
Type		1 door		
Convection Type		Forced convection		
Temp	Range	Max 250°C		
	Controller	Digital PID Controller		
Size	Internal (W x D x H, mm)	350x350x350	450x400x450	600x500x500
	External (W x D x H, mm)	520x525x770	620x575x870	770x675x920
Safety	Electrical	ELB(Earth Leakage Circuit Breaker)		
		Over Temp limiter.		
Material	Internal	Stainless steel (#304)		
	External	Steel, Powder coating		
	Shelves (W x D, mm)	STS #304 Wire Electro-Polished		
		327x300, 2ea	427x350 , 2ea	577x450, 3ea
	Heater	Sheath heater		
	Insulation	Ceramic wool+ Glass wool		
	Door Packing	High Temp. Grade Foamed Silicone rubber		
	Windows	Tempered Safety Glass, Three Fold		
Electric Requirements		220VAC. 50/60Hz		
Power Consumption		1000W	1600W	2200W

Forced Convection Oven

열풍건조기

Distinction

PID controller

*Strong noise resistant,various functions, easy reset, wonderful after sales service.

Damper equipped double door (patent on a practical design)

*Soft operating air tight damper door to avoid shake of the test samples

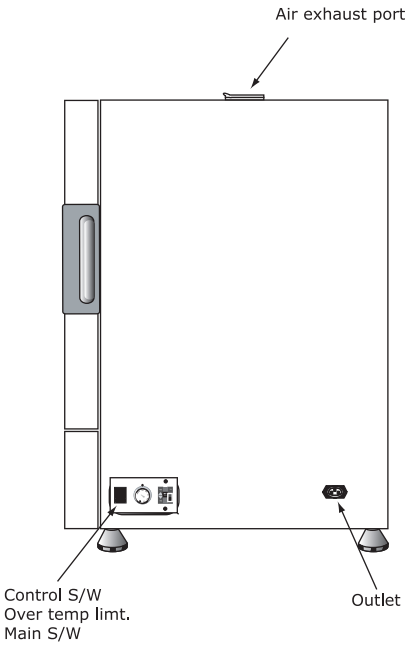
Heated air forced circulation

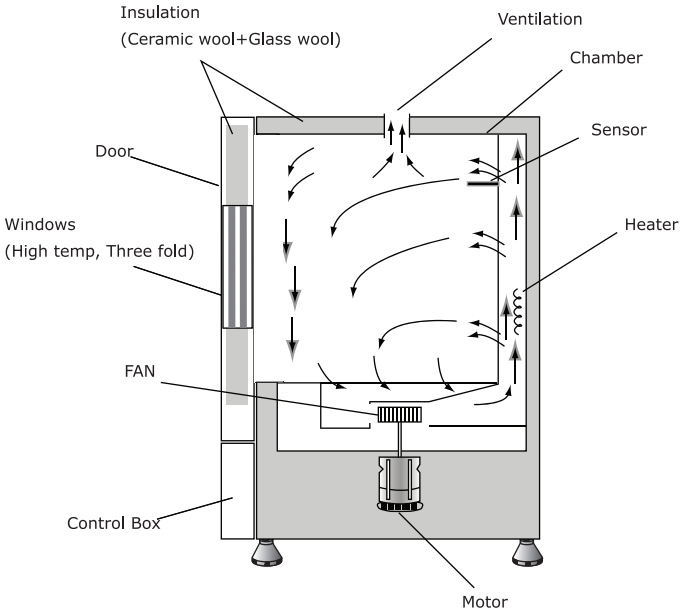
* The chamber heated very evenly.

Slip-resistant casters

* Uniquely designed height adjustable, slip-resistant casters.

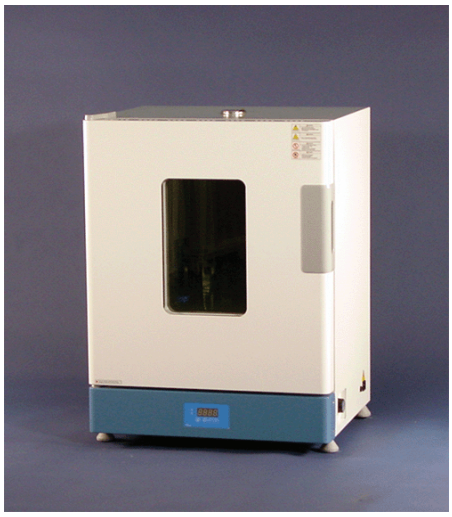
Structure





Forced Convection Oven(Economic)

열풍건조기(경제형)



Features

* Accurate temperature controls by Digital PID controller.
* Set time /temperature function
* Controller select time scale
  (59 mininute 59 second, 99 hour 59 minute, 99 day 23 hour)
* In case of temperature sensor disconnection, error message appear.
* Alarm rings when timer end.
* In case of difference between real temperature and appeared temperature, user can adjust correctly.
* When controller setting value is changed by the mistake of operation, save and recall function can restore it easily.
* User can adjust temperature not to raise up certain degree from installed temperature.
* Tempered safety glass windows for excellent insulation and easy observation
* Buffering device to enhance door adherence for insulation.
* Upper vent to emit moist and gas of samples after evaporation.

Specifications

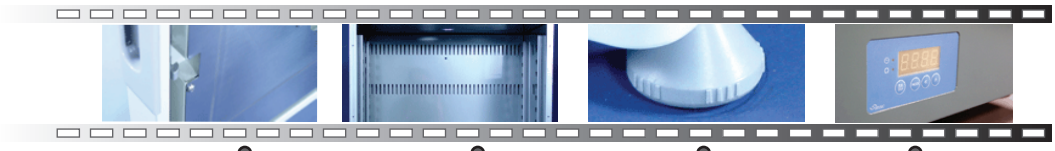
Spec. / Model		CO-42B	CO-81B	CO-150B
Type		1 door		
Convection Type		Forced convection		
Temp	Range	Max 250 ° C		
	Controller	Digital P.I.D controller		
Size	Internal (W x D x H, mm)	350x350x350	450x400x450	600x500x500
	External (W x D x H, mm)	520x525x770	620x575x870	770x675x920
Safety	Electrical	No fuse breaker		
		Over Temp limit.		
Material	Internal	Stainless steel		
	External	Steel, Powder coating		
	Shelves (W x D, mm)	Stainless Steel Wire Electro-Polished		
		327x300, 2ea	427x350 , 2ea	577x450, 3ea
	Heater	Sheath heater		
	Insulation	Ceramic wool+ Glass wool		
	Door Packing	High Temp. grade foamed silicone rubber		
	Windows	Tempered safety glass, Three fold		
Electric Requirements		220VAC. 50/60Hz		
Power Consumption		1000W	1600W	2200W

Manufacturer : HYSC
Made in Korea

Forced Convection Oven(Economic)

열풍건조기(경제형)

Distinction



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Heated air forced circulation

Slip-resistant casters

PID controller

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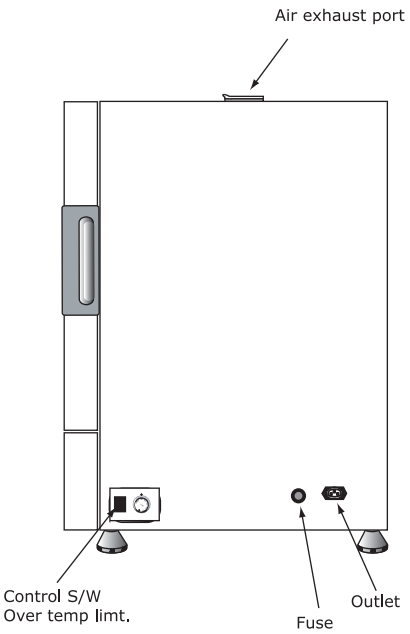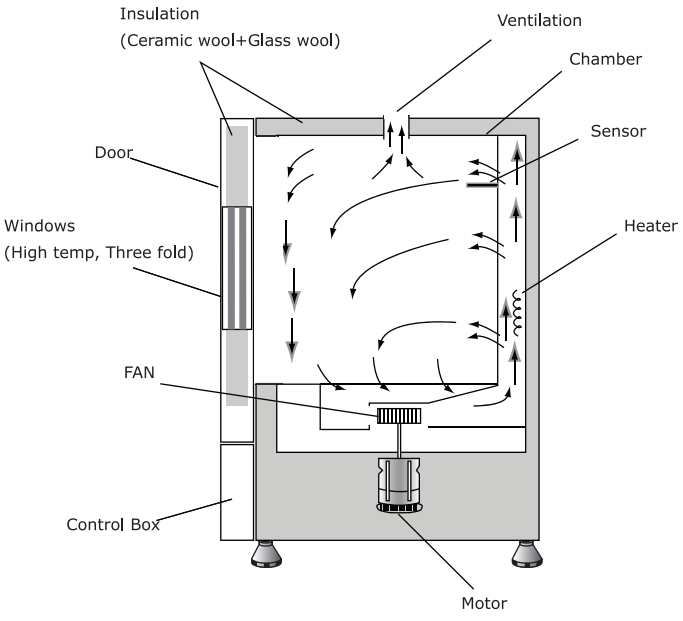
Structure