

# NATURAL AIR CONVECTION OVEN

**Use :** This equipment provides various applications such as heat aging test, drying of test sample and glassware lab tools



**Overheat and over current protection**



**The shelves easy to move**



**Easy to use door handle**



## FEATURES

- Fuzzy function to prevent overheat.
- Accurate temperature controls by Digital PID controller.
- Set time /temperature function
- Controller select time scale (59 minute 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.
- STS #304 used in inside chamber for durability.
- Circuit breaker for electrical safety

## SPECIFICATION

Model NO		PH-AO42L	PH-AO81L	PH-RO150L
Type		1 door		
Convection Type		Natural convection		
Temp	Range	Max 250 ° C		
	Controller	Digital P.I.D controller		
Size	Internal (Wx DxH, mm)	350x350x350	450x400x450	600x500x500
	External (Wx DxH, mm)	520x525x770	620x575x870	770x675x920
Safety	Electrical	ELB(Earth Leakage Breaker)		
		Over Temp limiter.		
Material	Internal	Stainless steel(STS #304)		
	External	Steel, Powder coating		
	Shelves (W x D, mm)	STS #304 Wire Electro-Polished		
		327×300, 2ea	427×350 , 2ea	577×450, 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		800W	1200W	1500W

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