

# Hot Air Incubator & Drying Oven RT/RY ST/SY series

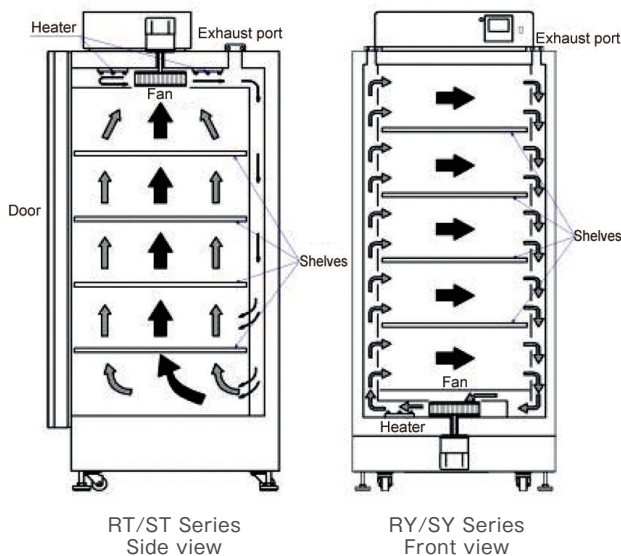
Air circulating incubator. Selectable for vertical flow or horizontal flow. Useable temperature: Room temperature +5°C to 100°C (50°C-200°C : ST/SY series)

## RT/ST series — Vertical flow

Vertical flow is in the same direction as thermal convection. Thanks to this, heat is easily transferred to the sample. RT(RY) series is suitable to use as incubator with a temperature higher than the room temperature. Observation window is also helpful to check the sample during operation.

## RY/SY series — Horizontal flow

Horizontal flow allows for temperature uniformity in chamber without blocking wind even when multiple shelves are placed. Thanks to its wide temperature range of SY(ST) series, it performs not only hot air sterilization, but also hardening treatment of resin coating and annealing.



- Space saving · Large capacity
- Used as a High-precision hot air incubator
- Observation window (RT/RY series)

MODEL	RT-120HM	RT-120HL	RT-120HG	RY-120HM	RY-120HL	RY-120HG	
	ST-120HM	ST-120HL	ST-120HG	SY-120HM	SY-120HL	SY-120HG	
Inner dim. WxDxH/Volume	600x500x1200mm/360L	800x500x1200mm/480L	1000x600x1200mm/720L	530x550x1200mm/350L	730x550x1200mm/480L	930x700x1200mm/780L	
Circulating system	Vertical flow			Horizontal flow			
Program operation	1 memory, Max. 8 steps						
Door	Single door (left side opening door)	Double doors		Single door (left side opening door)	Double doors		
Sensor port	Φ23mmx1 Front left side			Φ23mmx1 Top surface			
Safety devices	Overheat prevention device, Independent overheat prevention device, Sensor / Heater disconnection alarm, Thermal relay for fan motor, Leakage breaker						
Shelves (max. load)	4 pcs.(15kg/pc.)	4 pcs.(15kg/pc.)	4 pcs.(30kg/pc.)	4 pcs.(15kg/pc.)	4 pcs.(15kg/pc.)	4 pcs.(30kg/pc.)	
RT/R Y	Outer dim. WxDxH/Weight	710x680x1730mm/118kg	920x680x1730mm/144kg	1120x780x1750mm/221kg	710x690x1770mm/126kg	920x690x1770mm/150kg	1120x840x1770mm/227kg
	Temperature range	Room temperature+5°C-100°C					
	TDA*1	±1.5°C (at 37°C&70°C)*2					
	Power demand	AC 220/230/240V					
	Current	5/4/4A	6A/6A/6A	10A/10A/10A	5A/5A/5A	7/6/6A	10/9/9A
ST/S Y	Outer dim. WxDxH/Weight	710x700x1730mm/122kg	920x700x1730mm/148kg	1120x800x1750mm/225kg	710x720x1770mm/128kg	920x720x1770mm/154kg	1120x870x1770mm/231kg
	Temperature range	50°C-200°C					
	TDA*1	±1.5°C( at 70°C), ±2.5°C (at 150°C)*2					
	Power demand	AC 220/230/240V					
	Current	8/7/7A	10/10/9A	14/13/13A	8A/8A/8A	10A/10A/10A	15/14/14A

•The temperature distribution accuracy is at room temperature of 23°C±5°C. •Please specify voltage when you order. •Specifications subject to change without notice for improvement.  
\*1 Temp. distribution accuracy \*2 Measured at center inside chamber & 3 points upper, middle, lower part, no load.