

Specifications for Type K with Forced Hot Air Exhaust

Product name		Forced hot air exhaust			
Type		HT320K	HT330 K	HT340K	HT350K
Performance	Temperature range	(Ambient temperature + 20℃) ~ + 250℃			
	Temperature uniformity	± 5.0℃ (at + 250℃)			
	Temperature heat-up rate	Within 60 minutes (Room temperature→ + 250℃)			
Controller	Control method	Microcomputer controlled temperature controller (ETACOM) / PID control method			
	Setting / display resolution	1.0℃			
	Setting / display accuracy	0.5% (F.S) + 1℃/digit			
	Sensor	K thermocouple			
Body	External material	Cold rolled steel plate with baked coating finish			
	Internal material	Stainless steel plate (SUS304)			
	Insulation material	Glass wool			
	Doors	Hinged single door	Hinged double door		
Thermal heater		Nichrome strip wire heater			
Air transport mechanism	Electric motor	Single phase motor			
	Fan	Propeller fan			
	Intake blower	Sirocco Fan with motor			
	Small blower	Motor shaft cooling blower			
	Air exhaust outlet	Ceiling section ϕ 100	Ceiling section ϕ 120		
Protection devices		Leakage breaker for power supply, Overheat protector (With ETACOM), Fan motor thermal protector, Power failure recovery prevention, Keeping function prevention with instant power failure, Warning alarm, Interlock terminal, Abnormality display, Alarm for temperature exceeding the set point + 10℃, Overheat protector (For upper set temperature limit), Microcomputer self-diagnosis function (Abnormal CPU, Damaged sensor, Damaged heater, Abnormal ambient temperature), Temperature fuse, Door mechanisim for accidentally closing			
Additional functions		Memory back-Up (Approx. 5 years), Auto start, Auto stop, Operation function (2 steps × 3 patterns), Final step operation holding function, Wait function			
Power supply		AC200V single phase 50/60Hz	AC200V three phase 50 / 60Hz		
Full load current (A)		19	23	28	28
External dimensions (W × H × Dmm)		1190 × 1645 × 825	1460 × 1960 × 880	1460 × 1785 × 1080	1460 × 1785 × 1080
Internal dimensions (W × H × Dmm)		600 × 600 × 600	800 × 800 × 600	800 × 1000 × 800	1000 × 1000 × 800
Capacity (Liter)		216	384	640	800
Weight (kg)		170	230	310	330
Accessories	Operation manual		1 Copy		
	Shelf	Quantity	2 shelves, 4 shelf supports		
		Minimum installation pitch (mm)	50		
		MAX. number of shelves	11	15	19
	Connector		1 unit (Power supply for the specimen to be tested)		
	Warranty		Mailed separately		

*The displayed performance is at ambient temperature of +20°C and when there are no test specimens in the chamber.

*These specifications may be changed without notice for improvement or modification.