

Model	GY-8028N	GY-8050N	GY-8080N	GY-80A16N	
Temperature Range	-80°C ~ -10°C				
Volume	280L	500L	800L	1600L	
Inner dimension	800 mm (W) * 600 mm (D) * 600 mm (H)	1200 mm (W) * 650 mm (D) * 650 mm (H)	1350 mm (W) * 800 mm (D) * 750 mm (H)	2000 mm (W) * 900 mm (D) * 950 mm (H)	
Type	Chest / Horizontal				
Capacity carrying	150 kg	220 kg	300 kg	650 kg	
Temperature accuracy	± 2 °C				
Heating power	2kW	3kW	5kW	8kW	
	Nickel-chromium alloy electric heating heater, the controller has doubts safety protection, with independent temperature limiter protection				
Cooling Capacity	-75 °C	1kW	1.5kW	2.5kW	4kW
Cooling rate	(Ambient temperature of 25 degrees, no load, from normal temperature to -60 degree about 1 hour), Cooling rate will be a little different from temperature changes				
Controller	ASET multifunctional controller				
Operation panel	7-inch color touch screen , display temperature, measured temperature				
Temp. record	Temperature curve and fault record, U-disk data export, excel format				
Inside Circulating Air	2100m ³ /h	2750m ³ /h	3500m ³ /h	6000m ³ /h	
	When it is open, the internal circulation fan automatically turns off. The touch screen displays the open state.				
Compressor	Emerson Copeland adopts cascade refrigeration technology				
Intermediate heat exchanger	KAORI Plate heat exchanger				
Dry Filter	Emerson				
Expansion Valve	Electronic expansion valve				
Evaporator	Copper tube with aluminium fin				
Cooling type	Air cooled with water cooled auxiliary functions				
Means of insulation	Polyurethane foam insulation, thermal insulation layer 125 mm, with embedded FIR boards				
Safety Protection	Self-diagnosis function, freezer overload protection, high pressure switch, overload relay, thermal protection device, liquid low level protection, high temperature protection and temperature fault protection				
Refrigerant	R404A R23				
Dimension	2200 mm (W) * 1150 mm (D) * 1150 mm (H)	2700 mm (W) * 1200 mm (D) * 1200 mm (H)	2900 mm (W) * 1300 mm (D) * 1250 mm (H)	3700 mm (W) * 1400 mm (D) * 1350 mm (H)	
Weight	415 kg	525 kg	710 kg	840 KG	
Power	380V 50HZ 7 kW (max)	380V 50HZ 11.5 kW (max)	380V 50HZ 15 kW (max)	380V 50HZ 21 kW (max)	

Case Material

Outside is cold rolled steel painting, internal is SUS 304 wire drawing board

***All specifications are subject to change without prior notice.**