

-86°C Freezer



Introduction

The -86 °C freezer is a kind of ultra-low temperature refrigeration equipment, which is widely used in scientific research, medical treatment, biological engineering and other fields. Its main function is to provide an extremely low temperature environment to preserve temperature-sensitive samples and materials.

Technical Specification:

Model	QC-86C	QC-86C
Capacity	168L	348L
Temp. Range	-40~-86°C	
Temp. Accuracy	0.1°C	
Temp. Uniformity	±4°C	
Temp. Stability	≤6°C	
Recovery Time (Recover to -75°C in an ambient temp. of 25°C)	≤30min	
Cooling Time (Cool down to -80°C in an ambient temp. of 25°C)	≤7h	
Control System	Microprocessor control	
Display	LCD	
Alarm	High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(72h)	
Refrigeration Type	Direct-cooling	
Refrigerant	R290/R170, 265g	R290/R170, 308g
Compressor	International famous brand compressor/2	
Condenser & Evaporator	Built-in coil type, copper pipe, copper tube and aluminum fin	
Defrost	Manual defrost	
Construction	Polyurethane cyclopentane foam	
Material	Internal Material	SUS304 stainless steel
	External Material	Sprayed steel plate

Door	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*3	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*2
Consumption	830W Apparent power: 1386VA	915W Apparent power: 1386VA
Power Supply	AC220V, 50Hz (Standard); 110/220V, 60Hz (Optional)	
Casters	Yes	
Shelf	2	3
Standard Accessory	Test port*2, USB interface, RS485 interface	
Optional Accessory	Liquid nitrogen backup system, temperature recorder	
Internal Size(W*D*H)	465*455*820mm	490*612*1150mm
External Size(W*D*H)	844*807*1594mm	869*989*1924mm
Package Size(W*D*H)	1000*970*1790mm	1020*1180*2130mm
Net Weight	196kg	264kg
Gross Weight	253kg	332kg