



**ZEAL INTERNATIONAL** (An ISO 9001 Certified Company)

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## Walk-In Chamber

Standards:

Specification:

Our Walk-in Chamber use urethane-foam panels in a stainless steel or galvanized interior skin. This Walk-in Chamber is same construction used for walk-in coolers in restaurants, but of a higher quality.



### Applications

Walk in test Chamber are used for various types of testing such as prototype evaluation, research & development testing, production testing, accelerated stress testing, reliability testing, failure analysis, and any other application where environmental simulation is needed.

### Features

Walk-in, Drive-in Type

Stainless steel interior (or galvanized for savings)

Painted galvanized steel exterior for long life

MAP service doors are hinged (no tools or lifting)

Easy access to components

Reliable steam generator system for humidity applications

Sheathed electric heaters for safety and reliability

Adjustable vanes in supply grille allow directing of airflow as needed

### Standards Implemented and met

GB-2423. 1-89(IEC68-2-1) Test A: Low Temperature Test

GB-2423. 2-89(IEC68-2-2) Test B: High Temperature Test

GJB360. 8-87(MIL-STD-883C) High Temperature Operating Life Test

GJB150. 3(MIL-STD-810D) High Temperature Test

GJB150. 4(MIL-STD-810D) Low Temperature Test

GB2423. 3-93(IEC68-2-3) Test Ca: method for steady-state damp heat test

GB2423. 4-93(IEC68-2-30) Test Db: Damp Heat Alternative Test

GJB150. 9-93(MIL-STD-810D) Damp Heat Test

## Specifications

High quality and reliability performance;

Controller: Touch screen, parameter and program control;

Competitive price and 12 months free parts warranty.

Model	4	6	8	13	17	21
Interior material (cm)	W 210	300	390	300	390	480
	H 210	210	210	210	210	210
	D 205	205	205	430	430	430
Volume(M3)	9	12.9	16.8	16.8	35.2	13.3
	W 325	416	505	505	505	595
Exterior dimensions	H 235	235	235	235	235	235
	D 225	225	225	225	450	450
	System	Balanced & Humidity Control System				
Temp. range	Maximum:80°C,120°C;Minimum:-60°C,-50°C,-40°C,-30°C,-20°C,-10°C,0°C					
Humidity Range	10%,20%,30%~95%					
Temp. constancy	±0.5°C					
Humidity constancy	±2.5%R.H					
Temp. uniformity	±2.0°C					
Humidity uniformity	±5.0%R.H					
Heat up time	+20°C~+80°C ,Within 60 min					
Pull down time	+20°C~-55°C -40°C-20°C-10°C ,Within 120 or 90 or 60 or 45 min					
Interior material	Stainless Steel Plate(SUS 304)					
Exterior material	Baked Painting Steel Or Stainless steel(SUS304)					
Insulation material	Rigid polyurethane foam					
Door size (mm)	Single wing:W800*H1800;Double wing:W1600*H1800					
Refrigeration system	Semi-hermetic compressor, single stage or cascade refrigeration system,CFC free refrigerant(HFC-507 and HFC-23)					
Controllor	Touch controllor, Chinese menu, Operation mode: setting/program					
Safety Devices	No fuse breaker, over pressureover heat and over current protection for compressor, over temperature protection, over load protection for blower, dry heat protection					
Standard accessories	Sight window*1,cable port(portΦ50mm)*1,chamber lamp*1, status indicator					
Ambient Temp.	+5°C~+35°C					
Power	AC 380±10%50Hz ,3 phase 4 wires +Ground Wires					
Note:	1. We reserve the right to change specifications without prior notice 2.Customized sizes and configurations available					

