Walk-in Environmental Test Chamber

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Walk-in Environmental Test Chamber

DSW

Product Overview

- Temperature Control: Capable of constant temperature control and program control, with optional full-process data recording.
- Protection/Heater Settings: Short-circuit protection ensures high reliability of airflow and heating during equipment operation.
- USB Interface & Ethernet Communication: Enables device communication and software expansion to meet various customer needs.
- Refrigeration Mode: Utilizes internationally popular refrigeration mode, allowing 0% to 100% automatic adjustment of compres- sor cooling power, reducing energy consumption by 30% compared to traditional heating balance temperature control modes.
- Key Components: Refrigeration and electrical control components are from internationally renowned brands, ensuring improved and guaranteed equipment quality.

Product Features

- Test port, double door, preparation room, floor reinforcement.
- Mobile ramp platform, ceiling blow-out type.
- Low humidity dehumidification equipment, temperature and humidity recorder.
- Status indicator, pure water device.
- Power socket.

MODEL	DSW-4	DSW-8	DSW-10	DSW-15	DSW-45	DSW-55
Temperature Range	High temperature：80℃,120 ℃ ; Low temperature：-60℃,-50℃,-40℃,-30℃,-20℃,-10℃,0℃					
Humidity Range	20% to 98%					
Temperature Fluctuation	±0.5℃					
Humidity Fluctuation	±2.5%R.H					
Internal Dimensions (mm) (WxHxD)	2000X2000X1000	2000X2000X2000	2040X2100X2100	2500X3000X2000	5000X3000X3000	5000X2200X5000
Internal Volume	4	8	10	15	45	55
Heating Time	+20℃ to +80℃ within 60min					
Cooling Time	+20℃ to-55℃, -40℃, -20℃ , -10℃ within 120, 90, or 60 min					
Inner Chamber Material	Stainless steel (SUS304)					
Outer Chamber Material	High-quality cold-rolled steel plate with electrostatic powder coating					
Insulation Material	High-density polyurethane foam					
Door Size	Single door :W800*H1800mm Double door： W1600*H1800mm					
Refrigeration System	Water-cooled					
Controller	7" LCD touch screen, Chinese/English display Control Modes: Program control, constant value contro Program Capacity: 120 programs, 1200 segments, 99 full cycles, 99 partial cycles/120 Temp ：0.1%of F.S±1 digit /Humidity:0.1%of F.S±1 digit Temp ： pt to100 Humidity:pt to100 or～5VDV -RS 232or-RS 485(Softawre is option)					
Protection Devices	No-fuse switch, compressor overpressure, overheating, overcurrent protection, over temperature protection, fan overload protection, fuse, dry-burn protection, water shortage protection					
Standard Accessories	1 insulated glass window, 1 cable port (50 mm), 1 set of lighting, indicator light					