

Environmental Chamber

Used the imports of compressors which are international famous brands, and the internationally renowned refrigeration parts, thus ensuring the performance and stability of the refrigeration system.

The chamber body used is the non-magnetic Stainless Steel ANSI 304 grade quality of 20 SWG stainless steel , so with a beautiful and graceful appearance.

Multiple security protection: protection of high pressure refrigerant, and compressor overload protection, over-current protection, over-temperature protection, creepage protection, short circuit protection, overpressure protection of Compressor, overheating protection of Compressor, overheating protection of Fan, over temperature protection of Box, Phase sequence / lack protection, Hypotension protection & Dry combustion protection etc.

Applicable standards: JSS-55555 and IS: 9000 Part – XI, IS 6910, JIS 2371, QM333, IEC-68,ASTMB-117.



Model	ETC - 500	ETC - 750	ETC - 1000	ETC - 1500
Volume	125 Liter	425 Liter	1000 Liter	3375 Liter
Test Space	500 X 500 X 500	750 X 750 X 750	1000 X 1000 X 1000	1000 X 1000 X 1500
Temperature Range	-65 °C to 180 °C	-65 °C to 180 °C	-65 °C to 180 °C	-65 °C to 180 °C
Humidity Range	30% to 98% at 60 °C	30% to 98% at 60 °C	30% to 98% at 60 °C	30% to 98% at 60 °C
Ramp Rate	1°C/Min to 15°C/Min (Average)			
Temperature Uniformity	±1°C (Average)			
Humidity Uniformity	±3% or better			
Construction	Interior & Exterior with Satin Finish Stainless Steel ANSI 304 Grade			
Viewing Window	300 x 400 mm with illuminated, Six panes of toughened glass			
Cooling	Air / Water cooled			
Insulation	125/150 mm thick Rockwool/PUF			
Electrical Connection	3 Phase+Neutral AC, ±10%, 50 Hz			
Documentation	Two set of instruction cum maintenance manual in English			

As a policy of continuous improvements, specifications are subject to change without prior information. Latest status will reflect in formal proposals.

