

○ Solid construction Walk in temperature and humidity chamber ETSP-WTH series



Product Intro

ETSP-WTH series are wide range of walk in temperature and humidity chambers for testing large size components and products.
Low noise, better humidity control and no condensation, fast temperature/humidity variations, with balanced air distribution inside chamber.

General Features

- Hermetically-sealed, silent compressors using ecologically friendly refrigerants
- Air temperature variation and quick adaptation of specimens to it
- Friendly, flexible, up-to date control and management systems
- Noise reduction system
- Allows easy servicing and upgrades
- Computer control is available
- Network connection of several chambers to a single "master" control unit allowing centralized supervision both in local and remote mode

Technical Features

Temperature range	-50 °C ~ +200 °C (changeable according to user's demand)
Temperature stability	Less than ± 0.5 °C
Temperature uniformity	Less than ± 1.5 °C
Humidity range	20% ~ 98% RH(5% ~ 98% RH is an optional spec)
Humidity stability	Less than ±2% RH
Humidity uniformity	Less than ±3% RH
Heat-up rate	More than 5 °C/min
Pull-down rate	More than 1 °C/min
Condensing	Air cooled or water cooled type
Input power requirements	220V/380V, 50Hz/60Hz, 1Ph/3Ph

Technical Specifications

Model	Internal dimensions	External dimensions	Useful capacity
ETSP-WTH 8000	2000x2000x2000 (WxDxH) mm	2300x2600x2450 (WxDxH) mm	8000 liters
ETSP-WTH 15000	3000x2500x2000 (WxDxH) mm	3300x3100x2450 (WxDxH) mm	15000 liters
ETSP-WTH 26000	3000x4000x2200 (WxDxH) mm	3300x4600x2650 (WxDxH) mm	26400 liters
ETSP-WTH 36000	3000x4000x3000 (WxDxH) mm	3300x4600x3450 (WxDxH) mm	36000 liters

Note Different size of chambers are available on user's demand.

- Controller : Programmable type TFT color LCD 5.7 controller (Max. 120 patterns, Max. 1,200 profile)
- Refrigerant : R-23 or R404A (CFC free)
- Safety devices : Leakage breaker, circuit breaker, over heat protector, refrigerator high and low pressure switch, Water low level switch, compressor built-in protector, pressure relief port, Electrical over current relay.

Included accessories

- Viewing window (heater wire including, reinforced window) and interior light
- Cable port and rubber plug
- Caster for moving
- Sloped stepping plate

Options

- Low humidity kit
- Chart recorder
- D.A.S (Data acquisition system)
- solar simulation
- Additional port hole and rubber plug
- Oven networking connection system (RS422/RS485)
- Customization available