

DAIHAN-brand® Economic Temp./Humidity Chamber, "WTH-E", 155-/305-/420-/800-Lit.
 Digital PID Control, Programmable, Low Water Level Alarm, -20°C ~80°C ±0.3 °C, up to 95% RH
 경제형 항온항습기, 강제 순환식, 프로그램기능



Temp./Humidity Chamber, Economic Type "WTH-E155"

주요특징

- * 실용적인 경제형 항온항습기
- * Programmable 디지털 PID Controller 를 내장하여 정확한 온습도 조절이 가능하고 타이머, 알람, 자동보정 등이 가능
- * 온도범위 : -20°C ~80°C 상대습도 : 30%~ 95% RH
- * 10 pattern, 100 segment의 프로그램기능.
- * 수위레벨 센서를 통해서 Low Water Alarm System
- * 강화유리로 만든 유리문을 통하여 손쉽게 내부의 시료를 관찰할 수 있으며, Silicone Packing으로 시료의 관찰시 외부공기와의 차단으로 실험의 안정도를 높임.
- * 손쉽게 PC와 연결하여 사용가능한 RS-485 Interface(Standard)
- * 6 Channel 2 Pens 온습도 기록계로 실험데이터를 기록 가능 (Optional)
- * Fan Motor 를 장착하여 챔버 내부의 공기를 강제 순환시켜 균일한 온도분포 유지 및 저소음 작동, 자동제상 기능 등이있음.
- * 사용자의 안전을 우선적으로 고려한 과열, 과전류 방지용 안전장치 장착

- with Certificate & Traceability :
 Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Economical & Practical Type
- Digital PID Programmable Controller for Precise Temperature Control
- RS485 Interface for Remote Monitoring and Controlling with PC (Standard)
- Automatic Defrost System
- CE Certified ■ PL(Product Liability) Insurance

- * Economical & Practical Type
- * Digital PID Programmable Controller for Precise Temperature Control
- * Temperature range from -20°C to 80°C, Relative Humidity from 30% to 95% RH
- * Program Function : 10 Patterns, 100 Segments
- * Low Water Level Alarm Lamp
- * Inner Tempered Glass Door with Silicon Packing
- * RS485 Interface for Remote Monitoring and Controlling with PC (Standard)
- * Temperature & Humidity Recorder(6 Channels & 2Pens) and RS232C Communication Interface (Optional)
- * The Powerful and Silent Dual Fan Motor Assures Temperature Uniformity by Strong Air Circulation
- * Automatic Defrost Function
- * Over Temperature and Over Current Protection for User Safety
- * CE Certified
- * PL(Product Liability) Insurance

Specification

Model		"WTH-E155"	"WTH-E305"	"WTH-E420"	"WTH-E800"
Capacity		155 Lit.	305 Lit.	420 Lit.	800 Lit.
Temp.	Range	-20°C ~ +80°C			
	Accuracy	±0.3°C (Stability ±1.0 °C)			
Humidity	Range	30% ~ 95% RH			
	Accuracy	±2% (Stability ±3% RH)			
Dimension (w×d×h)	Interior (mm)	505×505×610	620×620×800	750×660×850	1000×800×1000
	Exterior (mm)	745×920×1645	820×1290×1720	990×1075×1885	1200×1100×1920
Heater	for Temp.	1.5 kW	2.0 kW	2.2 kW	2.5 kW
	for Humi.	2.0 kW	3.0 kW	3.0 kW	3.0 kW
Compressor		7/8 HP	1.5 HP	1.5 HP	3 HP
Refrigerant		CFC-Free(R-404A) Refrigeration System			
Controller		Programmable Digital PID Controller			
Program Function		10 patterns, 100 segments			
Sensor		PT100 & Capacitive Sensor			
Material	Internal	Stainless steel (# 304)			
	External	Powder Coated steel			
Shelves		3ea of Perforated Stainless steel Shelves of Adjustable Position			
Safety Device		Hi-Low Temp. Protector, Over Current & Leakage Breaker, Water Level Sensor			
Others		CE Certified PL(Product Liability) Insurance			
Net Weight		290 kg	309 kg	378 kg	558 kg
Packing Dimension (w×d×h) (cm)		99×112×185	122×122×205	128×128×216	149×132×220
Gross Weight		355 kg	369 kg	478 kg	678 kg
Power Consumption		4.4 kW	5.7 kW	6.3 kW	8.2 kW
Power Supply*		1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase			

* Other Specifications are available upon Customer's Request.

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