



Envirotronics

a schunk company

Global Partner for Environmental Test Chambers

ENDURANCETM SERIES

Full Featured Reach-in Chambers

The Endurance® Series from Weiss Envirotronics: the Temperature & Humidity chamber that stands alone. Designed and engineered to give you lasting value, performance and reliability for all your testing applications. The intelligently engineered test space design allows for maximum airflow coverage and accurate gradients. Five popular sizes are available that allow you to choose the chamber that best fits your needs. The mobile design allows for greater flexibility.

Performance that is unmatched:

- Energy Efficient
- Ability to reach 98% rh @ 95°C
- Quiet Operation
- IN STOCK for quick shipment
- Mobile Design
- Built-In Water Reservoir
- Multi-Level High/Low Temperature Protection Feature
- Anti-Condensation Feature - Keep your product protected
- -70°C to 180°C and -40°C to 180°C
- ISO9001, A2LA and UL508A Certified



Welded Polished
Stainless Steel Interior



SIMPAC Precise Adjustable
Touchscreen Controller



Adjustable Heavy Duty
Leveling Casters



Tight Seal Double Gasket



Intelligently Engineered Test Space
Design for Accurate Airflow Gradients

www.weiss-na.com

ENDURANCE™ SERIES

Performance & Technical Data

Design						
Model Number		ENDH180/40	ENDH340/40 ENDH340/70	ENDH600/40 ENDH600/70	ENDH1000/40 ENDH1000/70	ENDH1500/40 ENDH1500/70
Test Space Volume	Liter	190	335	600	990	1540
	Cubic Feet	7	12	21	35	54
Test Space Dimensions	Width	22.8" (580 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)
	Depth	17.7" (450 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	58" (1475 mm)
	Height	29.5" (750 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	37.4" (950 mm)
Exterior Dimensions	Width	34.2" (870 mm)	34.2" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)
	Depth	58" (1475 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.5" (1995 mm)	99.2" (2520 mm)
	Height	70" (1780 mm)	70" (1780 mm)	80.6" (2047mm)	80.6" (2047mm)	78" (1980 mm)
Chamber Weight		~950 lbs	~1050 lbs ~1150 lbs	~1350 lbs ~1490 lbs	~1875 lbs ~2100 lbs	~2050 lbs ~2450 lbs
		~431 kg	~476 kg ~522 kg	~612 kg ~675 kg	~851 kg ~953 kg	~930 kg ~1111 kg

Performance						
Temperature Range	Minimum	-40° C (-40° F)	-40° C (-40° F) -70° C (-94° F)	-40° C (-40° F) -70° C (-94° F)	-40° C (-40° F) -70° C (-94° F)	-40° C (-40° F) -70° C (-94° F)
	Maximum	+180° C (+356° F)				
Heating Rate	°C/minute	4.0	3.2 3.0	4.0 4.0	4.0 4.0	3.5 3.5
	°C/minute	3.5	3.5 2.7	3.0 2.5	3.0 2.5	2.5 2.0
Humidity Range	%RH	10% to 98%				
Dew Point Range	°C/°F	-3° C to +94° C (26° F + 201° F)				
Acoustic Pressure Level	dB(A)	58	60	66	70	70
Condenser	Air-Cooled					

Standard Features:

- Multi-pane heated window
- Left hand hinged door
- Two access ports
- Built-in water reservoir
- Mobile design
- Adjustable leveling casters
- Heavy duty shelf
- Single-handed operated door
- Easy access panel doors
- Double gasket seal
- SIMPAC 32-bit measuring & control system touchscreen controller

Additional Options:

- SIMPATI Software
- Additional Ports
- Transformer
- Demineralizer
- Dry Air Purge
- Additional options also available, contact your local sales representative

Notes:

- Temperature and humidity performance data are taken at the control sensor with an empty test space
- Exterior dimension includes touchscreen controller
- Average temperature change rates are measured at supply air in a +25° C ambient environment
- Heating/cooling rates are evaluated according to IEC 60068-3-5
- This literature is for general guidance only. It does not constitute recommendations, representations or advice and nor is it part of any contract. Our policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice.

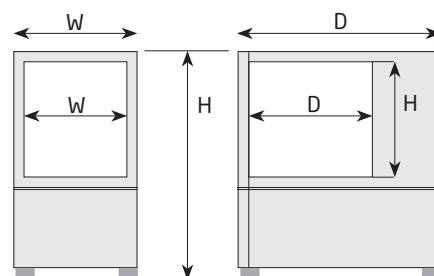


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