

WW Series

Solid Construction Walk-In / Drive-In Chambers



The Weiss Technik WW Series offers superior strength and durability. The Integral sloped and welded floor provides for proper drainage within the test space. The continuously welded interior liner allows for wide temperature and humidity ranges. The one-piece construction makes for easy installation. Large chambers can be assembled from multiple sections on site.

Features:

- 25° C/min change rates available
- High floor loading capacity
- Multiple plenum options for greater flexibility
- Ultra bright halogen lighting system
- Engineered for prolonged soaks at high temperature & humidity
- Full opening bi-part entry doors
- Dual continuous gasket door seals

Design & Performance

Model Number		WW / WWH420			WW / WWH512			WW / WWH1080			WW / WWH1728		
Plenum Type		Roll-Up Module											
Test Space Volume	Cubic Feet/Liters	420 / 11839			512 / 14498			1080 / 30582			1728 / 48932		
Test Space Dimensions	Width	72" (1829mm)			96" (2438mm)			120" (3048mm)			144" (3658mm)		
	Depth	120" (3048mm)			96" (2438mm)			144" (3658mm)			192" (4877mm)		
	Height	84" (2134mm)			96" (2438mm)			108" (2743mm)			108" (2743mm)		
Exterior Dimensions ⁴	Width	84" (2134mm)			108" (2743mm)			132" (3353mm)			156" (3962mm)		
	Depth	132" (3353mm)			108" (2743mm)			156" (3962mm)			204" (5182mm)		
	Height	99" (2515mm)			111" (2819mm)			123" (3124mm)			123" (3124mm)		
Temperature Change Rate ¹	Heating Rate	1.5°C/min	3.5°C/min	9.0°C/min	1.0°C/min	3.5°C/min	8.5°C/min	0.5°C/min	1.5°C/min	3.5°C/min	0.5°C/min	1.0°C/min	2.5°C/min
	Cooling Rate	1.5°C/min	3.5°C/min	9.0°C/min	1.0°C/min	3.5°C/min	8.5°C/min	0.5°C/min	1.5°C/min	3.5°C/min	0.5°C/min	1.0°C/min	2.5°C/min
Temperature Range	Minimum	-73°C (-99°F)											
	Maximum	+180°C (+356°F)											
Humidity Range ^{2,3}		20%RH to 95%RH											

Performances are based on laboratory conditions at +24°C, 60 Hz, with cooling water inlet temperature and flow rate according to requirements. Performances at 50 Hz may vary.

Please consult with your local Sales Representative if your conditions vary.

Temperature ramp rates are average, not linear rates of change.

¹ Heating and cooling rates between +85°C and -40°C in a temperature only empty chamber; measured at the supply air

² Humidity ranges are limited by +4.5°C (+40°F) to +85°C (+185°F) dew point, extender ranges to 5%RH are available

³ Humidity range is only applicable to WWH models

⁴ All dimensions are nominal and may not include ancillary equipment attached to chamber as required

Custom sizes available