



Envirotronics®
a schunk company

Global Partner for Environmental Test Chambers

WP
SERIES



Pre-Fabricated Walk-In / Drive-In Chambers

The Weiss Envirotronics WP Series pre-fabricated walk-in/drive-in test chambers offer modular construction, to facilitate move-in and installation. The WP Series is well suited for many testing applications and offers a wide selection of performance features.

Features:

- Temperature to 150° C (302° F) available
- Modular System - Easy to re-configure
- High Floor loading capacity
- Multiple Plenum Options for Greater Flexibility
- Moisture Vapor Seals
- Clear Access Doors - Easy Loading/Unloading
- Heated Flush-Type Doors - Eliminates Frost

Design & Performance

Model Number		WP / WPH338		WP / WPH534		WP / WPH1090			WP / WPH1740			
Plenum Type		Roll-Up Module										
Test Space Volume	Cubic Feet/Liters	338 / 9571		534 / 15121		1090 / 30865			1740 / 49271			
Test Space Dimensions	Width	78" (1981mm)		98" (2489mm)		121" (3073mm)			145" (3683mm)			
	Depth	78" (1981mm)		98" (2489mm)		144" (3658mm)			192" (4877mm)			
	Height	96" (2438mm)		96" (2438mm)		108" (2743mm)			108" (2743mm)			
Exterior Dimensions ^{1,6}	Width	86" (2184mm)		106" (2692mm)		129" (3277mm)			153" (3886mm)			
	Depth	86" (2184mm)		106" (2692mm)		152" (3861mm)			200" (5080mm)			
	Height	104" (2642mm)		104" (2642mm)		116" (2946mm)			116" (2946mm)			
Temperature Change Rate ²	Heating Rate	3.5°C/min	10.0°C/min	3.0°C/min	9.0°C/min	10.0°C/min	1.5°C/min	5.0°C/min	10.0°C/min	1.0°C/min	3.0°C/min	8.0°C/min
	Cooling Rate	3.5°C/min	10.0°C/min	3.0°C/min	9.0°C/min	10.0°C/min	1.5°C/min	5.0°C/min	10.0°C/min	1.0°C/min	3.0°C/min	8.0°C/min
Temperature Range ³	Minimum	-68°C (-90°F)										
	Maximum	+85°C (+185°F)										
Humidity Range ^{4,5}		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 Humidity chambers require a solid construction floor and add approximately 6" (152mm) in height

² Heating and cooling rates between +85°C and -40°C in an empty chamber; measured at the supply air

³ Custom chambers with temperatures up to 150°C (302°F) are available

⁴ Humidity ranges are limited by +4.5°C (+40°F) to +65°C (+149°F) dew point, extended ranges from 5% to 95% RH are available

⁵ Humidity range is only applicable to WPH models

⁶ All dimensions are nominal and may not include ancillary equipment attached to chamber as required

Custom sizes available