



Envirotronics®

a schunk company

Global Partner for Environmental Test Chambers

XCEED™



Custom Reach-In Chambers

Built To Your Exact Testing Specifications

The Xceed™ Custom Reach-In Series is the environmental test chamber from Weiss Envirotronics offering unlimited options. Designed, engineered, and built to your specifications, the Xceed Series offers flexible temperature and humidity ranges, sizes to meet your exact testing requirement and options to provide unmatched product testing applications.

Design & Performance

Model Number		ET / EH40	ET / EH64	ET / EH8-ECA	ET / EH18-ECA	ET27-HAF	ET72-HAF	ET140-FBA	ET210-FBA
Airflow		Rear-Wall		ECA		Horizontal		Front-to-Back	
Test Space Volume	Cubic Feet / Liters	40 / 1132	64 / 1812	10 / 283	13 / 368	27 / 764	72 / 2038	140 / 3964	210 / 5946
Test Space Dimensions	Width	40" (1016mm)	48" (1219mm)	24" (610mm)	32" (813mm)	26" (660mm)	45" (1143mm)	48" (1219mm)	60" (1524mm)
	Depth	40" (1016mm)	48" (1219mm)	24" (610mm)	32" (813mm)	26" (660mm)	37" (940mm)	60" (1524mm)	72" (1829mm)
	Height	44" (1118mm)	48" (1219mm)	30" (762mm)	22" (559mm)	70" (1778mm)	75" (1905mm)	84" (2134mm)	84" (2133mm)
Exterior Dimensions	Width	78" (1981mm)	78" (1981mm)	44" (1118mm)	60" (1524mm)	58" (1473mm)	97.75" (2483mm)	100" (2540mm)	112" (2845mm)
	Depth	122" (3099mm)	135" (3429mm)	76" (1930mm)	77" (1956mm)	76" (1930mm)	86" (2184mm)	112" (2845mm)	119" (3023mm)
	Height	98" (2489mm)	98" (2489mm)	101" (2565mm)	97.25" (2470mm)	101" (2565mm)	119" (3023mm)	94" (2388mm)	94" (2388mm)
Temperature Change Rate	Heating Rate	Up to 20°C/min ¹	Up to 18°C/min ¹	Up to 4°C/min ²	Up to 9°C/min ²	Up to 20°C/min ³	Up to 5°C/min ³	Up to 6°C/min ⁴	Up to 5°C/min ⁴
	Cooling Rate	Up to 20°C/min ¹	Up to 18°C/min ¹	Up to 3.5°C/min ²	Up to 9°C/min ²	Up to 20°C/min ³	Up to 30°C/min ³	Up to 7°C/min ⁴	Up to 6°C/min ⁴
Temperature Range	Minimum	-73°C (-99°F)		-70°C (-94°F)		-30°C (-22°F)		-30°C (-22°F)	
	Maximum	+180°C (+356°F)		+180°C (+356°F)		+100°C (+212°F)		+100°C (+212°F)	
Humidity Range ⁵		10%RH to 98%RH (EH Models)		Optional 10%RH to 98%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 Heating and cooling rates between +85°C and -20°C or -40°C in an empty chamber; measured at the control thermocouple in the ECA outlet

³ Heating and cooling rates between +50°C and 0°C in an empty chamber; measured at the supply air

⁴ Heating and cooling rates between +55°C and -5°C with 1000 lb aluminum & 15KW; measured at the supply air

⁵ Humidity is only applicable to EH models

Custom sizes available

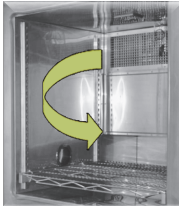


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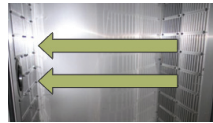
XCEED™

Air Flow Options



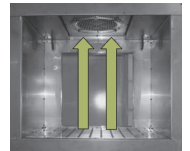
STANDARD

Rear-Wall Air Flow



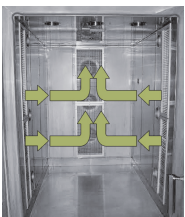
HAF

Horizontal Air Flow



VAF

Vertical Air Flow



FBA

Front-to-Back
Air Flow



ECA

Remote Air Flow
Remote Conditioning
Units

