

Platinum Temperature/Humidity Chambers



Interior: **42 and 60 cu. ft.**
 Temperature: **-70 to 180°C**

● Two larger size chambers with performance options to 12°C/m

The Platinum series are top quality temperature/humidity chambers in two larger sizes than our popular Platinous and Global-N lines. More powerful heating and cooling systems on these models ensure prompt response, even with larger and heavier test loads. Change rates up to 12°C/m or more is possible, depending on model.

ESPEC quality construction includes: stainless steel exterior as well as interior, thermal-breaks, and hinged service panels. Refrigeration uses reliable Copeland Scroll or Discus compressors for high performance cooling.

- One adjustable shelf with heavy-duty support rails
- One 100mm (4") diameter cable feed-through port
- Heavy-duty casters with adjustable feet
- Three levels of overheat protection
- Computer interface and software



The SCP-220 programmer makes running an ESPEC environmental test chamber a breeze. The interface is remarkably easy to use and understand.

Platinum Temperature/Humidity Chambers

TEMPERATURE/HUMIDITY MODELS

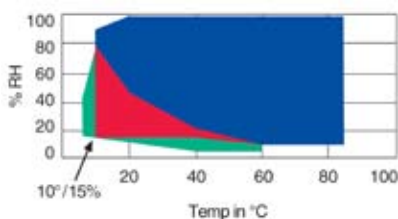
Model	Interior Volume	Interior Dimensions	Exterior Dimensions	Temperature Range	Change Rate (With 50 lb.)	
ENL42-6CWL*	42 cu. ft. (1200 L)	44" x 36" x 46" (1120 x 910 x 1170 mm)	66" x 74" x 104" (1700 x 1900 x 2650 mm)	-40 to 180°C	3.5°C/min.	
ENL42-15CWL					10°C/min.	
ENL60-6CWL*	60 cu. ft. (1700 L)	52" x 44" x 46" (1320 x 1120 x 1170 mm)	74" x 82" x 104" (1810 x 2000 x 2550 mm)		3°C/min.	
ENL60-12CWL					5°C/min.	
ENX42-6CWL*	42 cu. ft. (1200 L)	44" x 36" x 46" (1120 x 910 x 1170 mm)	66" x 74" x 104" (1700 x 1900 x 2650 mm)		-70 to 180°C	3.5°C/min.
ENX42-15CWL			80" x 115" x 104" (1960 x 2810 x 2550 mm)			8°C/min.
ENX42-15CW				12°C/min.		
ENX60-6CWL*	60 cu. ft. (1700 L)	52" x 44" x 46" (1320 x 1120 x 1170 mm)	74" x 82" x 104" (1810 x 2000 x 2550 mm)	2°C/min.		
ENX60-12CWL			80" x 123" x 104" (1960 x 3010 x 2550 mm)	4°C/min.		
ENX60-15CW				10°C/min.		
ENX60-30CW			8°C/min. (With 300 lb.)			

TEMPERATURE ONLY MODELS

Model	Interior Volume	Interior Dimensions	Exterior Dimensions	Temperature Range	Change Rate (With 50 lb.)	
ENU42-6CWL*	42 cu. ft. (1200 L)	44" x 36" x 46" (1120 x 910 x 1170 mm)	66" x 74" x 104" (1700 x 1900 x 2650 mm)	-40 to 180°C	3.5°C/min.	
ENU42-15CWL					10°C/min.	
ENU60-6CWL*	60 cu. ft. (1700 L)	52" x 44" x 46" (1320 x 1120 x 1170 mm)	74" x 82" x 104" (1810 x 2000 x 2550 mm)		3°C/min.	
ENU60-12CWL					5°C/min.	
ENZ42-6CWL*	42 cu. ft. (1200 L)	44" x 36" x 46" (1120 x 910 x 1170 mm)	66" x 74" x 104" (1700 x 1900 x 2650 mm)		-70 to 180°C	3.5°C/min.
ENZ42-15CWL			80" x 115" x 104" (1960 x 2810 x 2550 mm)			8°C/min.
ENZ42-15CW				12°C/min.		
ENZ60-6CWL*	60 cu. ft. (1700 L)	52" x 44" x 46" (1320 x 1120 x 1170 mm)	74" x 82" x 104" (1810 x 2000 x 2550 mm)	2°C/min.		
ENZ60-12CWL			80" x 123" x 104" (1960 x 3010 x 2550 mm)	5°C/min.		
ENZ60-15CW				10°C/min.		
ENZ60-30CW			8°C/min. (With 300 lb.)			

*Air Cooled Optional

Humidity Range (ENL,ENX)



The blue area shows the standard humidity range.
The red area indicates the optional low-humidity range,
and the green the optional ultra-low humidity range.

Note:

These specifications are for reference only.

A customized performance evaluation can be provided by supplying a test profile and loading requirements to your sales representative.



Not for use with specimens which are explosive or flammable, or which contain such substances. To do so could be hazardous, as this may lead to fire or an explosion.