

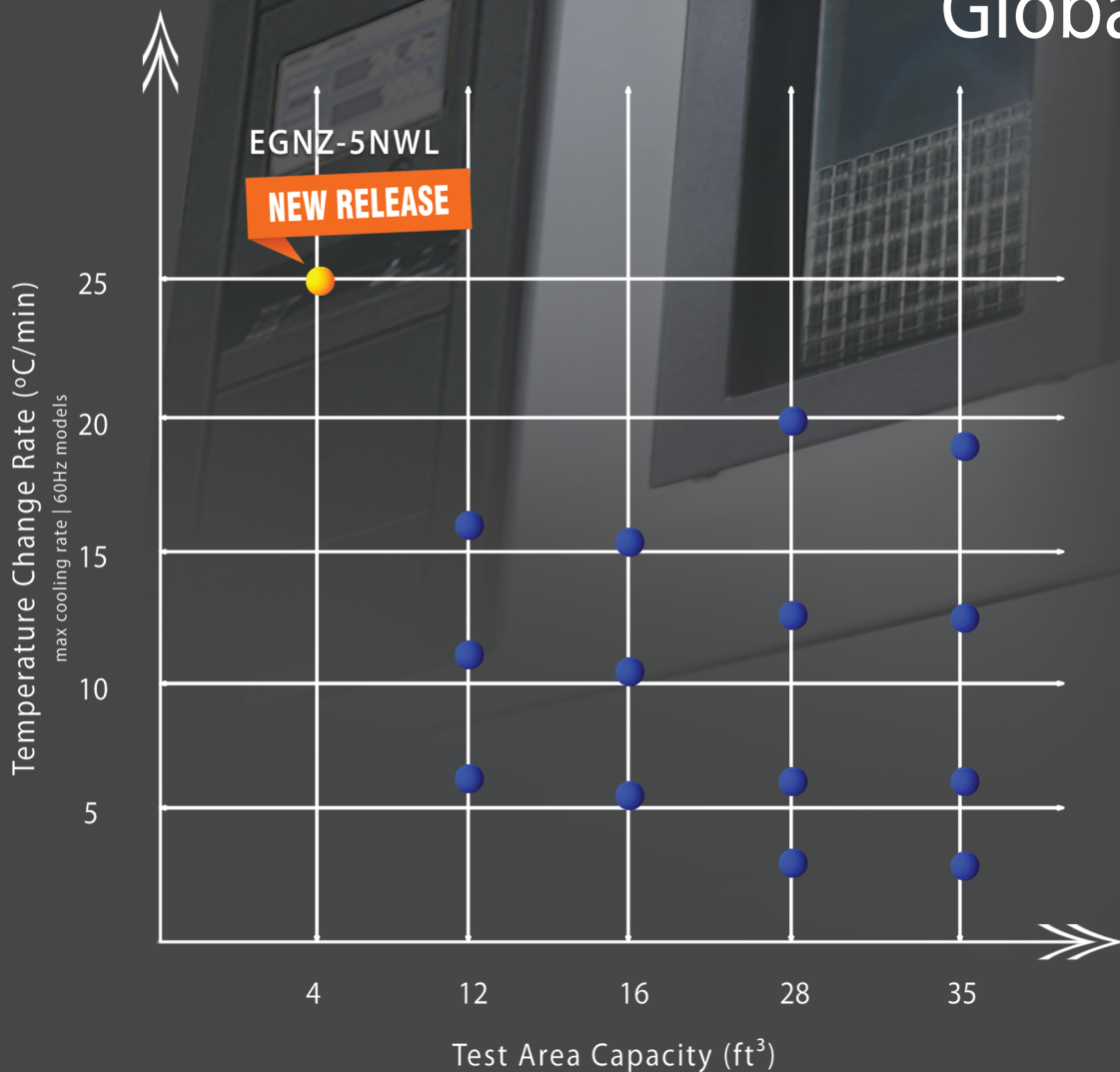


Advanced Test Equipment Corp.

www.atecorp.com 800-404-ATEC (2832)

ESPEC

Temperature Cycling Chamber Global-N



Global-N Series Lineup

Model EGNZ4:

Faster, Smaller, Superior ESPEC Quality

SPECIFICATION - 114 L / 4 CU. FT. MODEL

RANGE -65 TO 180°C Temp-only

EGNZ4-5NWL	
Temperature Range	-65 to 180°C (-94 to 354°F)
Cooling Capacity	2 kW [2.5 kW] at -50°C
Refrigeration System	Cascade 5 hp Scroll (4kW) x 2
Heating System	7 kW
Measured Airflow	510 cubic meters per hour (300 CFM)
Performance Example (-65°C to 180°C, per IEC 60068 3-5, at supply air)*	
Max Heating Rate**	30°C/m, 460V
Max Cooling Rate**	25°C/m, 60Hz
Site Requirements	
Power Supply	460V 3Ø 60Hz***
Recommended Service	40 A, 60Hz
Cooling Water Maximum with 30°C Inlet	42 LPM (11 GPM)

* ± 2°C (<150C) empty chamber after stabilization

** Max change rates achieved: -40°C to +85°C

*** 460V +10%/-5%

• 50 Hz model available, contact ESPEC for specs

DIMENSIONS - 4 cu. ft. model

Workspace Volume	114 L (4 cu. ft.)
Workspace (WxDxH)	498 x 381 x 600 mm (19.6" x 15.0" x 23.6")
Exterior (WxDxH)	770 x 1427 x 1989 mm (30.3" x 82.6" x 69.6")

STAND-OUT FEATURES

- **Faster and Smaller** - up to 25°C per minute thermal change rates with a compact footprint, requiring the least amount of floor space for this level of performance.
- **Easier, Faster, Smoother Operation** - enhanced performance and USB access with P-300 touch-screen controller
- **International Applications** - chamber meets Mil-Std, JEDEC, IEC, and other international test performance standards.

STANDARD FEATURES

- Stainless steel exterior and interior - modern and sleek
- High performance refrigeration utilizing reliable Scroll compressors
- Hinged service panels for easy access - designed for serviceability and safety
- Unique, non-metallic thermal breaks around the doorframe and cable ports
- Specimen power relay for interlocking test samples or external devices to chamber power for safety - easy access to specimen
- One 4" (100mm) cable port, one shelf, and casters included

** Optional Features available - please communicate with your ESPEC Sales team or visit us on the web: espec.com/na/products/family/global_n



Image for reference - subject to change in production.



SPECIFICATION NOTES:

- Cooling water requirements listed are maximum. Actual water demand varies with cooling demand and water temperature. Detailed cooling water demand charts are available.
- Site requirements also include a drain for condensate water from the chamber, and ample spacing for service and proper ventilation.
- These specifications are for reference only. Detailed and current specifications can be obtained from your sales representative or at espec.com.