Reach-in Controlled Environment Rooms

REACH-IN CLIMATE CHAMBER FOR STABILITY TESTING

LTE's range of reach-in controlled environmental rooms provide a high-capacity testing and storage solution with a small footprint. Perfect for smaller facilities requiring stability testing chambers.

The reach-in rooms can be supplied with temperature only or temperature/RH control. Constructed on site from a range of insulated wall, ceiling and floor panels, the unit is available with 2, 3 or 4 doors. The modular construction allows LTE to build the unit in almost any location and assemble the unit to suit your applications.





The panels are 60mm thick consisting of two steel sheets which are bonded with polyurethane insulation, injected under pressure to ensure exceptional strength and insulation. The panels are equipped with mechanical interlocking fasteners, providing a secure panel to panel seal.

External panels are completed with a white epoxy finish while the internal panels are finished in either a white food safe epoxy coating, or grade 304 stainless steel.

APPLICATIONS:

- Stability Testing (Pharmaceuticals)
- Shelf life Testing (Food & Beverage)
- Packaging Trials (Food & Beverage)
- Incubation (Life Sciences)
- BOD Testing (Life Sciences)
- Component Testing (Industrial)
- Raw Material Testing (Industrial)

KEY FEATURES:

- Modular Construction
- Precise Temperature Control
- Precise Humidity Control
- Temperature Chart Recorder
- Internal Shelving
- External Epoxy Coating
- Hi/Lo Alarm
- Choice of Internal Finish
- Right or Left Hand Hinged Doors

TECHNICAL INFORMATION

Model	2 Door	3 Door	4 Door
External Height (mm)	2220	2220	2220
External Width (mm)	2220	3120	4020
External Depth (mm)	1020	1020	1020
Internal Height (mm)	1700	1700	1700
Internal Width (mm)	1980	2880	3780
Internal Depth (mm)	900	900	900
Internal Capacity	3000L	4400L	6000L
External Finish	White epoxy coating		
Internal Material	Stainless steel or White epoxy coating		
Electrical Supply	16 amp, 240v, single phase		

	Heat Only Model	Heat/Cool Model*	Heat/Cool/RH Model*
Operating Temperatures	+37 to +40C	+5 to +40C	+5 to +40C
RH Control	N/A	N/A	50 to 75%
White Food-Safe Internal Finish - Doors Hinged Right	ER#HWR	ER#CWR	ER#RWR
White Food-Safe Internal Finish - Doors Hinged Left	ER#HWL	ER#CWL	ER#RWL
Stainless Steel Internal Finish - Doors Hinged Right	ER#HSR	ER#CSR	ER#RSR
Stainless Steel Internal Finish - Doors Hinged Left	ER#HSL	ER#CSL	ER#RSL

* A suitable chilled water system will be required, available from LTE

\# Where "#" is displayed, replace it with the number of doors required (e.g., ER2HWR for a 2 door heat-only model with white food-safe internal finish and right hinged doors)

ALTERNATIVE SOLUTIONS AVAILABLE FROM LTE

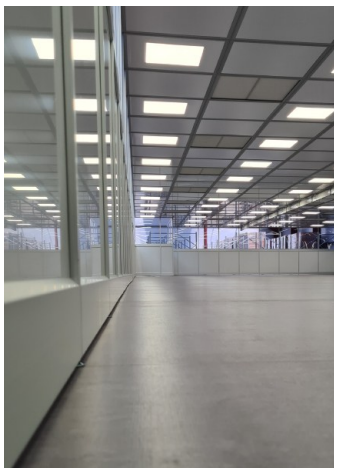
Walk-In Environmental Rooms

LTE Walk-in Environmental rooms provide a modular solution for most spaces, ideal for large scale environmental testing, trials and Incubation.



Walk-In Clean Rooms

Our modular clean rooms provide a bespoke HEPA filtered clean area solution, suitable for quick assembly in any space.



T: +44 (0) 1457 876221 **E:** info@lte-scientific.co.uk