



CoolCube™ Prefabricated Cooling Solutions

Workspace Technology CoolCube™ pre-engineered & tested Prefabricated Cooling Solutions offer rapid deployment compared to conventional on-site installations.



Edge Computing

CoolCube™ systems are typically deployed to create 'Cooling Corridors' as part of a larger 'Modular Edge' Data Centre deployment

CoolCube™ Building Format Options

Prefabricated - Bespoke Prefabricated Modular CoolCube™ build widths range from 3.0m to 3.6m and lengths between 3m and 14.5m. Prefabricated CoolCube™ buildings can be coupled to increase cooling capacity.

Containerised - ISO Containerised CoolCube™ systems are available in High Bay 2.4m W 6m / 20ft and 12m/ 40ft length modified ISO containers.

Cooling Ready

CoolCube™ systems are pre-engineered and delivered to site 'Cooling Ready' including all secondary infrastructure components.

- Pre-Engineered With Rapid Deployment Typically 1-2 Weeks
- Typical Cooling Capacity 120kW to 300kW
- Local Small Power & Lighting Systems
- Fire Detection Systems
- Management & Monitoring Systems

Technical

CoolCube™ products are typically delivered complete with a range of technical infrastructure to ensure they are ready for hooking up to core services.

- I.T & Power Containment Systems
- Control & IT Cabling
- Security Systems Including IDS, ACS & IPCCTV

Secure Construction

CoolCube™ products are built to order allowing Workspace Technology to offer bespoke fabrication for our customers.

- Standard Single Skin Insulated Panels
- SR2 to SR5 Certified Security Options
- Enhanced CPNI Security for High Security Applications
- FR60 Standard Fire Rating with Options for FR90 and FR120
- Integrated High Security Locking Systems

Plug & Go Power

CoolCube™ products are pre-engineered with power infrastructure deployment ready.

- Complete Electrical Design & Installation to 18th Edition
- Internal Small Power & Lighting.
- Plug & Go Power & Hook-up or Interlink Connection Points
- Total CoolCube™ kW Capacity Designed to Suite Application

Fire Protection

CoolCube™ products will be fitted with Fire Detection Systems & where specified Gas Suppression Systems to ensure the safety of occupants.

- BS5839 Compliant Fire Detection Systems
- Ozone Friendly Fire Suppression Systems Where Specified
- Relays for External House Integration
- Optional Very Early Smoke Detection (VESDA) Systems
- Full Compliance with UK Building Regulations.

Management & Monitoring

CoolCube™ products are typically fitted with integrated Management & Monitoring technology ensuring remote assets are in full view via central management platforms.

- Environmental Monitoring Systems
- Volt Free Contact Event Integration
- Dedicated Management Network
- Centralised Management Systems

Cooling & Airflow

Workspace Technology's Design Team will work with clients to develop cooling and airflow solutions to best support the Main Data Hall.

- Cooling Technology Include DC and Chilled Water Perimeter CRAC's
- Direct Fresh Air Freecool® Systems Are Also Available
- Integrated Aisle Containment & Airflow Management
- All of our CoolCube™ Designs Are Optimised for Maximum Energy Efficiency

Flexible Architecture

Workspace Technology offer bespoke CoolCube™ Cooling Solutions to support individual client demands.

- Bespoke Designs to Suit Airflow Arrangements & Desired kW Densities
- Easy Connection to Data Hall Via Pre-engineered Duct Sections
- Evaporative Fresh Air Freecool Technology Options
- Chilled Water Systems for High Density Applications
- Expandable Scalable Designs



Designed & Built in the UK

Built for Business

Our prefabricated technical buildings are designed, fabricated, and built in the UK ensuring a high proportion of value is retained within the UK economy.

Interested in finding out more?

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Workspace
Technology Limited

Technical Prefabricated Buildings
Expertly Engineered