



# Reliable, Smart, and Efficient Cooling for Modular Data Centres, AI Infrastructure & Edge Computing

Wall-mounted environmental control systems designed to perform in extreme heat, fast-paced deployments, & complex compliance environments.



## CORE BENEFITS

### Energy and Emissions Reduction

Variable-speed compressors, intelligent load sharing, and advanced refrigerants work together to reduce energy use and emissions while boosting efficiency, supporting ESG initiatives and Vision 2030 sustainability targets.

### Remote Access and BMS Ready

Integrated microprocessor control, Ethernet connectivity and Building Management Systems (BMS) compatibility enable full system monitoring, remote diagnostics, and centralized management capabilities.

### Built for Harsh Environments

Operates from -25°C to +50°C with outdoor-rated housing, powder-coated finish, and advanced filtration. Built to withstand dust, heat, and humidity in the Gulf's extreme environments.

### Integrated Free Cooling Mode

Provides extra efficiency when ambient conditions are suitable. Designed with environmental sensors and independent airflow systems to enhance performance without compromising filtration, reliability, or operational safety.

### Redundancy and Reliable Operation

Independent fans for free cooling and mechanical cooling eliminate single points of failure. A 48V backup fan prevents downtime and maintains safe operation during power outages or single-component failure.

### Customized, Compliant Solution

Tailored control software, sensor packages, and performance configurations meet varied project specifications and accelerate technical approval processes.



## WHY AKRIVIS?

**Trusted by leading operators** including du, Tawal, and Microsoft across the Gulf

**European-built systems** manufactured in Ireland, combining quality, performance, and full compliance

**Proven performance** in extreme conditions with intelligent load sharing, variable-speed compressors, and advanced environmental control

**Designed for flexibility** - tailored software, control logic, and mechanical options to meet complex site requirements

**Faster deployment** with wall-mounted, compact units and locally supported configurations

**Regional presence** for technical consultation, tender support, and responsive after-sales service

## IDEAL APPLICATIONS

- Modular data centres
- Infrastructure operators with energy reduction or ESG targets
- Edge computing sites
- Fibre landing stations
- Telecommunications shelters (new build & retrofit)
- Power distribution rooms and distributed data hubs

VISIT WEBSITE



## TALK TO OUR REGIONAL TEAM

Book a technical consultation with your local Akrivis expert: [sales@akrivis.com](mailto:sales@akrivis.com) +971 4 564 1515 | [akrivis.com](http://akrivis.com)

