

Air Conditioning

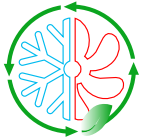
For Schools, Colleges, Universities
& Educational Facilities



Energy Efficient Heating & Cooling



Energy Saving Climate Control



Take control of your building's energy costs and boost learning



Cold Control designs and installs energy-efficient air conditioning systems for schools, colleges, and universities, enhancing comfort, boosting concentration, and creating sustainable, cost-effective environments that support better learning and productivity for students and staff.

From classrooms, all the way up to lecture theatres, our accredited engineers can design and install a number of cost-effective solutions specifically tailored to your facilities.



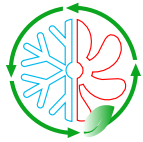
- Wall Mounted Units
- Ceiling Cassettes
- Floor Standing Units
- Ducted Systems

Multi-Zone Control

Precisely adjust the climate in different floors and rooms. ● ● ● ●



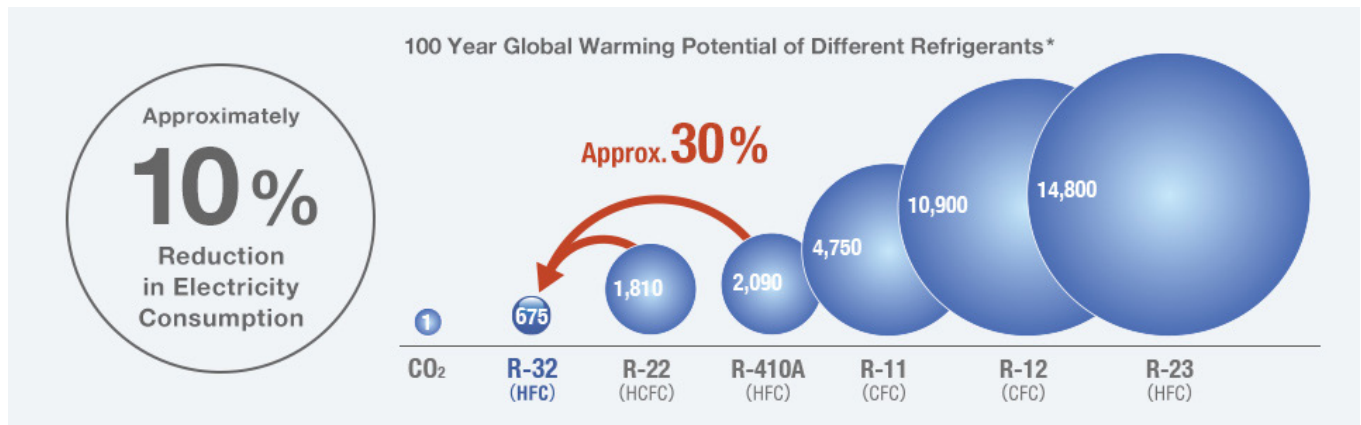
Energy Efficient VRV/F Systems



Highly versatile DX (direct expansion) heat-pump systems

VRV (Variable Refrigerant Volume) and VRF (Variable Refrigerant Flow) systems are known for flexibility and efficiency. The technology adjusts the refrigerant volume in the system based on the precise cooling or heating needs of each zone. Unlike traditional air conditioning systems that have a single, fixed-speed compressor, a VRV/F system utilises multiple compressors that can vary their speed. This allows for simultaneous heating and cooling in different areas.

- R-32 is the most balanced refrigerant in terms of environmental impact, energy efficiency, safety, and cost-effectiveness.
- Because R-32 efficiently conveys heat, it can reduce electricity consumption up to approximately 10% compared to that of air conditioners using refrigerant R-22. Compared to the refrigerants widely used today such as R-22 and R-410A, R-32 has a global warming potential (GWP) that is one-third lower and is remarkable for its low environmental impact.



Approximately
10%
Reduction
in Electricity
Consumption

Environmental Impact of Air Conditioner Refrigerants and Trends

	Ozone Depletion Potential (ODP)	100 Year Global Warming Potential of Different Refrigerants*1
R12 (CFC)	1.0	10,900
R22 (HCFC)	0.055	1,810
R410A (HFC)	0	2,090
R32 (HFC)	0	675

*Source: Values for 100 year global warming potential (GWP) from IPCC Fourth Assessment Report. Comparative 100 year GWP: HFC410A, 2,090; HFC32, 675.

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Refrigeration Installation & Servicing



Our team of skilled technicians is experienced in the installation and servicing a wide range of refrigeration equipment



At Cold Control, we bring over 30 years of expertise in installing and maintaining cutting-edge, energy-efficient refrigeration, commercial freezers, and air conditioning systems for schools, colleges, and universities.

Our team has installed systems for educational settings across the UK, including Loughborough, Bristol, Chichester, Maidstone, and Bucks Universities, as well as Bristol Tolworth School and Bedales School.



- Chilled Display Cabinets
- Commercial Fridges & Freezers
- Blast Chillers & Freezers
- Ice Machines
- Walk in Chillers & Freezers
- Laboratory Cold Rooms



Comprehensive Maintenance Packages



DBS Checked Engineers

A well-maintained system ensures precise ventilation, humidity control, and efficient airflow while operating quietly and reliably. Regular maintenance improves air quality, prevents airborne pathogens, and creates a comfortable environment.

We offer tailored service contracts to maintain your system, with DBS-checked engineers trained to the highest standards to ensure health and safety compliance at every site.



Reduce operational downtime

With our extensive network of skilled service engineers, we offer comprehensive coverage for all your refrigeration and air conditioning needs.

Whether you are facing a sudden breakdown or require routine servicing, our team is equipped to handle a wide range of commercial equipment.

We offer prompt response times and flexible scheduling to minimise disruption to your operations.



Advanced Solutions



Comprehensive range of refrigeration & air conditioning services for educational facilities



Installation. Service. Maintenance. Emergency Call Outs.

- School classrooms
- College lecture theatres and tutorial rooms
- Canteens and cafeterias
- Commercial kitchens
- Gymnasiums and sports halls
- University laboratories and research facilities
- Libraries
- Server Rooms
- Staff offices, teacher lounges

