



THROUGH BRAND FAMILY MEMBER THERMO KING

COLD STORAGE

PRECISE TEMPERATURE CONTROLLED STORAGE SOLUTIONS
AVAILABLE FOR HIRE OR PURCHASE



0800 840 4210

KEEPING
INDUSTRY RUNNING



APPLICATIONS



Food and Beverage



R&D material and high tech components



Warehousing



Pharmaceutical, bio-life and healthcare



Supermarkets



Festivals, events and exhibition centres

Our cold store applications are suitable for any raw material or finished product requiring temperature controlled storage to preserve or increase shelf life.

R&D applications where a temperature controlled environment is required to enable Accelerated Life Testing (ALT) of critical components.

AT A GLANCE

- 10ft, 20ft and 40ft ISO containers in stock, offering +30°C to -40°C precise temperature accuracy.
- Immediate availability throughout the UK.
- For short term or long term hire, with purchase options also available.
- Uses the latest Thermo King fridge technology.
- 10ft and 20ft ISO superfreezer units available to order, offering -10°C to -70°C precise temperature accuracy with a minimum 12 month hire.
- Modular builds suitable for long term hire available from +30°C to -40°C, starting with a minimum of 2 units.



WHY HIRE FROM ICS COOL ENERGY

- Availability of stock for quick dispatch around the UK.
- 24/7, 365 support for emergencies and planned installations.
- Dedicated specialists to oversee the entire cold store hire process.
- Offers a flexible asset provision - hire when you need it, off-hire when you don't.
- No capital outlay required, enabling you to focus on your business ROI.
- Full maintenance and breakdown cover with no unexpected outlay.
- Latest fridge technology from market leaders Thermo King gives low operating costs, minimal downtime and low carbon footprint.
- Plug and play negates building work and ensures speedy installation.
- Nationwide service with 70+ engineers across the UK to support you.

KEY FEATURES

- Non-slip floor with wash down drains.
- Internal lighting and alarm for safer user experience.
- Strip curtains.
- Man trap escape mechanism.
- Emerson telematics for full on line monitoring and out of hours alarm notifications.
- One handed door operation and easy open/close to save operator time.
- Standard food grade stainless steel wall panels, aluminium roof panels and floor.
- Ground floor ramps available for safe loading/unloading.



THE RANGE

Our Cold Storage Containers have been designed and built with the user in mind. Each offers continuous reliability, optimal performance, and low running costs.

Every Cold Store has been designed to offer cold storage solutions at a width of 2 pallets with flush fitting machines to prevent any loss of internal capacity. It provides economical, powerful cooling with fault free operation. It ensures the ideal temperature to store your products, with further eco mode operation to minimise power use and self diagnostic capabilities providing additional peace of mind.

All Cold Store Containers are manufactured in accordance with the latest guidelines & CFC legislation. Standard features include:

- High insulation value
- Anti slip aluminium flooring
- Easy open door with inbuilt lock
- 220V LED fluorescent internal lights
- Internal door opening
- Person trapped alarm
- Modern power efficient machinery (many with data logger)
- Maximum air temperature fluctuation 0.25°C from set point after pull down (most models)
- Hygienic stainless steel interior panels / aluminium floor
- Robust MGSS stainless steel exterior
- Internal fork truck / motorised pallet lifter use permitted
- Ramp to 500kg (heavy duty ramps available)
- 380V/440V 3 phase heavy duty cable with 5 pin/32A CE plug
- Average age of our rental fleet is less than 5 years
- Telematics remote access
- Foundations or even ground is NOT required



COLD STORE 10

- -40°C to +30°C
- 10ft refrigerated unit
- 10.5m³ capacity



COLD STORE 20

- -40°C to +30°C
- 20ft refrigerated unit
- 28.6m³ capacity



COLD STORE 40

- -40°C to +30°C
- 40ft refrigerated unit
- 68.9m³ capacity



SUPERFREEZER

- -70°C to -10°C
- 10ft and 20ft twin fridge units
- Temperature accuracy +/- -1°C



COLD STORE 10



COLD STORE 20

EXTERNAL DIMENSIONS		
Length	2,991 mm	9'6"
Width	2,438 mm	8'
Height	2,591 mm	8'6"

INTERNAL DIMENSIONS		
Length	2,343 mm	7'8"
Width	2,058 mm	6'9"
Height	2,179 mm	7'2"

OPENINGS		
Width	1,100 mm	3'7"
Height	2,000 mm	6'7"

Internal Volume	10.5m³	371 cu ft
Max Payload	7,700 kg	16,980 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +45°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

EXTERNAL DIMENSIONS		
Length	6,058 mm	19'11"
Width	2,438 mm	8'
Height	2,591 mm	8'6"

INTERNAL DIMENSIONS		
Length	5,450 mm	17'11"
Width	2,284 mm	7'6"
Height	2,298 mm	7'7"

OPENINGS		
Width	2,290 mm	7'6"
Height	2,264 mm	7'5"

Internal Volume	28.6 m³	1,010 cu ft
Max Payload	27,620 kg	60,890 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +45°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

COLD STORE 40



EXTERNAL DIMENSIONS		
Length	12,192 mm	40'
Width	2,438 mm	8'
Height	2,896 mm	9'6"

INTERNAL DIMENSIONS		
Length	11,584 mm	38'
Width	2,284 mm	7'6"
Height	2,603 mm	8'7"

OPENINGS		
Width	2,290 mm	7'6"
Height	2,569 mm	8'5"

Internal Volume	68.9 m ³	2,433 cu ft
Max Payload	29,410 kg	64,84 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +45°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

SUPERFREEZERS

- Ultra-low temperature storage from -70°C to -10°C.
- Advanced temperature management with extreme precise accuracy +/- -1°C.
- Thermo King Superfreezer unit with cascade technology and double insulation thickness.
- Real-time data monitoring.
- Available to order.
- Minimum hire 12 months.

BATTERY PACKS

- Capacity 35/70/105 kW.
- Thermo King quality and reliability.
- Fully fuel-free operation on battery.



CLIP-ON GENSET SG-3500

- 15kW electrical output
- Run any refrigerated container off-grid, with dependable power from 24.1 hp engine.
- Thermo King quality and reliability.
- Compliant with EPA Tier 4, GB4 and NRMM Stage V regulations.
- Approved for biofuels such as HVO. Renewable Diesel or Biodiesel for minimum net carbon emissions and the smallest carbon footprint.



MODULARS



EXTERNAL DIMENSIONS		
Length	12,192 mm	40'
Width	based on number of units required, minimum 2	

INTERNAL DIMENSIONS		
Length	11,584 mm	38'
Width	based on number of units required, minimum 2	
Height	2,603 mm	8'5"

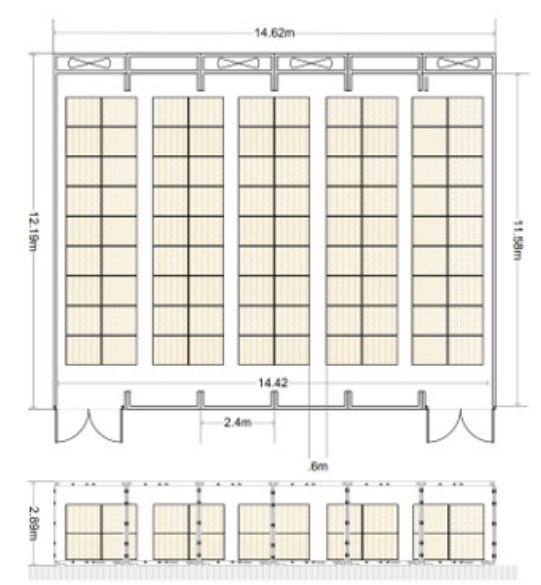
OPENINGS		
Width	1,738 mm	5'7"
Height	2,569 mm	8'4"

Minimum Ambient Temperature	-30°C	
Maximum Ambient Temperature	50°C	
Max Running Current *	19A	
Max Power Absorbed *	13 kW	
Electrical Power Connections *	32A 5 pin CEE plug	
Electrical Supply Voltage *	400 V	
Electrical Supply Phases *	3 Ph	
Electrical Supply Frequency *	50 Hz	
Refrigerant Type	R452a	* per refrigeration system



WHY CHOOSE MODULARS?

- Provides extra storage capacity, fast.
- Built off site, assembled on site to minimise disruption.
- Quicker build timescales when compared to traditional builds.
- Low capital outlay = cashflow positive.
- Utilises your OPEX budget rather than CAPEX budget.
- Designed to your requirements.



PROCESS TEMPERATURE CONTROL SPECIALISTS.



KEEPING INDUSTRY RUNNING

- Equipment sales, hire & service
- Consultation & technical expertise approach
- Emergency support 24/7 every day of the year



EMISSION CRITICAL

- Energy efficiency enhancements to save you money & reduce carbon
- Includes free cooling & variable speed drives (VSD's)
- In-house water treatment specialist



FLEX

- Monthly subscription contract without the need for capital
- Exchange/upgrade equipment after 5 years
- Fully inclusive of maintenance, warranty and emergency repairs

ICS Cool Energy are your total support specialists in temperature control solutions from -70°C to 350°C for critical and manufacturing processes. We offer a full range of services to keep your industry running. This includes equipment hire from the largest hire fleet in the UK, capital equipment sales, energy efficiency upgrades, planned preventative maintenance and emergency breakdown support across all industries and facilities throughout the UK.

Since 1989, we've been providing technical advice and solutions to leading companies, world-wide – helping them to meet compliance, reduce their energy consumption, maintenance and operative costs.

ICS COOL ENERGY UK COVERAGE

- ICS UK HQ
- ICS Depots
- 70+ Service Technicians with Van Stock
- £15K Van Stock
- Further stock held at our depots around the UK
- 50+ Sales Engineers
- 30+ Depot Repair Engineers
- £50M+ 500MW Fleet
- Over 100,000 projects completed
- 24/7, 365 Emergency Support

For Service, Breakdown Support
& Emergency Hire:
+44 (0) 800 840 4210 (24hr response)

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SALES. HIRE. SERVICE.

V4.0 July 2025

