



  
**COLD CHAIN  
FEDERATION**  
Through brand family  
member Thermo King



# COLD STORAGE

PRECISE TEMPERATURE CONTROLLED  
COLD STORAGE SOLUTIONS FOR HIRE

 **Mission  
Critical**



**0800 840 4210**

**KEEPING**   
INDUSTRY RUNNING

# ICS COOL ENERGY COLD STORAGE SOLUTIONS

## AT A GLANCE

- 10ft, 20ft and 40ft ISO containers offering +30°C to -40°C precise temperature accuracy.
- Immediate availability from our extensive hire fleet.
- Uses the latest Thermo King fridge technology.
- -10°C to -70°C Superfreezer units available to order in 10ft and 20ft units.
- Modular builds suitable for long term hire available from +30°C to -40°C.

## NEEDS

### Short term hire/emergency storage

Whether for events, production and seasonal peaks or for fast-tracking a permanent solution cold store project, we offer immediate hire solutions which can be off-hired just as quickly.

### Long-term hire storage

When a capital investment is not the preferred option, ICS Cool Energy FLEX is the flexible and dynamic solution of choice for cold storage units and chiller / fan coil / AHU combinations.

## APPLICATIONS

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.



Food & Beverage



Warehouses



R&D material & high tech components



Supermarkets



Pharmaceutical, Bio-life & Healthcare



Festivals, Events, Exhibition centres

## 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 panel and floor.
- Ground floor ramps available for safe loading/unloading.



## WHY HIRE FROM ICS COOL ENERGY?

- Availability of stock for quick dispatch around the UK.
- 24/7, 365 support for emergencies and planned installations.
- A team of 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.
- Over 70 engineers across the UK to support you.





# COLD STORE 10



## SPECIFICATION

ICS Cool Energy's Cold Store 10 has been designed & built with the user in mind offering continuous reliability, optimal performance & low running costs. The Cold Store 10 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. Units are available from stock for nationwide delivery. ICS Cool Energy's Cold Store 10 provides economical, powerful cooling with fault free operation providing the ideal temperature to store your products, with further eco mode operation to minimise power use & self diagnostic capabilities providing additional peace of mind.

All Cold Store 10 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 datalogger)
- -40°C to +30°C range (subject to model)
- 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
- Foundations or even ground is NOT required

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	10.5m <sup>3</sup>	371 cu ft
Max Payload	7,700 kg	16,980 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +30°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

## CONTACT US

Call us free on  
**0800 840 4210** or  
Visit our website  
[www.icscoolenergy.com](http://www.icscoolenergy.com)

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**THE TEMPERATURE CONTROL SPECIALISTS.**  
**SALES. HIRE. SERVICE.**

E&OE. All data is subject to change and continuous improvement without notice.

Equipment designed to ISO 9001 and all relevant electrical, pressure and mechanical directives.

Revision 3 12/05/22

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# COLD STORE 20



## SPECIFICATION

ICS Cool Energy's Cold Store 20 has been designed & built with the user in mind offering continuous reliability, optimal performance & low running costs. The Cold Store 20 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. Units are available from stock for nationwide delivery. ICS Cool Energy's Cold Store 20 provides economical, powerful cooling with fault free operation providing the ideal temperature to store your products, with further eco mode operation to minimise power use & self diagnostic capabilities providing additional peace of mind.

All Cold Store 20 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 datalogger)
- -40°C to +30°C range (subject to model)
- 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
- Foundations or even ground is NOT required

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 m <sup>3</sup>	1,010 cu ft
Max Payload	27,620 kg	60,890 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +30°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

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# COLD STORE 40



## SPECIFICATION

ICS Cool Energy's Cold Store 40 has been designed & built with the user in mind offering continuous reliability, optimal performance & low running costs. The Cold Store 40 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. Units are available from stock for nationwide delivery. ICS Cool Energy's Cold Store 40 provides economical, powerful cooling with fault free operation providing the ideal temperature to store your products, with further eco mode operation to minimise power use & self diagnostic capabilities providing additional peace of mind.

All Cold Store 40 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 datalogger)
- -40°C to +30°C range (subject to model)
- 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
- Foundations or even ground is NOT required

### 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 <sup>3</sup>	2,433 cu ft
Max Payload	29,410 kg	64,84 lb
Max Air Temp Fluctuation	+/- 0.25°C	
Temperature Range	-40°C to +30°C	
Max Running Current	17A	
Power Connection	380/440V 3 phase heavy duty cable with 5pin/32A CE plug	

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## EMERGENCY SUPPORT AND BUSINESS CONTINUITY PLANNING FOR NORTH-WEST ENGLAND HOSPITAL

A hospital in North-West England faced a critical situation when their chiller system malfunctioned over a weekend.

The circumstances emphasised the importance of having an efficient contingency plan in place, prompting the hospital to turn to ICS Cool Energy for an immediate and comprehensive solution.

What began as a response to a singular cold storage need in the kitchen expanded into a comprehensive engagement, which involved altering the infrastructure for the emergency installations of chillers and boilers.

Through efficient emergency responses and proactive planning, we are proud to have addressed the immediate concerns but also paved the way for a safer, more resilient future for the hospital.



## KEEPING INDUSTRY RUNNING FOR...



## COLD STORES ENSURE STEADY TEMPERATURE FOR FERMENTATION VESSELS AT UK BREWERY

A leading international brewery was looking for an answer to their requirement to keep their reactor vessels in a reliable temperature-controlled environment.

Maintaining a steady, constant temperature is crucial for breweries when it comes to storing beer ingredients, as they are sensitive to heat and temperature fluctuations.

By using containerised Cold Store units from ICS Cool Energy, the brewery avoided investments required to turn a large part of their plant into a cold room. This also contributed to significantly lower energy consumption and more flexibility for the storage of the vessels.

Following the initial 12-months hire contract and successful tests, the brewery decided to extend the hire of the Cold Store solutions to a 5-year period.



## NEOGEN SAFEGUARDING DIAGNOSTIC TEST KITS WITH ICS COOL ENERGY'S COLD STORE CONTAINERS

With a pressing need for enhancing their temperature-controlled space, Neogen EMEA, a subsidiary of Neogen Corporation who provides the most comprehensive range of solutions for the food processing, animal protein and agriculture industries, sought a partner that could offer them a dependable storage solution for their diagnostic test kits.

"We had limited space in our existing facility and a mounting urgency. We needed to hold a higher level of stock at short term to accommodate more areas than what we currently service." Shared Andy Keirs, warehouse and logistics manager at Neogen EMEA.

ICS Cool Energy, renowned for its expertise in critical and process temperature control solutions, emerged as the timely answer to Neogen's challenge. Within a short timeframe, they provided Neogen with three 40ft temperature-controlled Cold Store containers.

"Having the containers on-site allowed us more control and responsibility for the extra stock hold. The decisive factor for choosing ICS Cool Energy was the cost-effectiveness and very short time their hire team needed to have everything set up and running. It was paramount for us to add extra storage space on site and none of our current suppliers or contractors we work with had any options for what we needed," Keirs elaborated.



# PROCESS TEMPERATURE CONTROL SPECIALISTS.

ICS Cool Energy are your total support specialists in temperature control solutions from -70°C to 350°C for critical and manufacturing processes. Since 1989, we've been offering 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.

We are also the manufacturer of the i-Chiller, through our brand family member MTA, an Italian enterprise that has been producing equipment for the treatment of compressed gases, industrial refrigeration and air conditioning for over 40 years.



## KEEPING INDUSTRY RUNNING

- Rental, equipment & service
- Consultation & technical expertise approach
- Emergency support 24/7 every day of the year



## EMISSION CRITICAL

- Reducing carbon by One Gigaton by 2030
- Free Cooling & Heat Recovery products
- Energy Efficiency enhancements



## FLEX

- Zero capital membership solution
- Flex capacity to pay only for what you need
- Built in contingency planning

## UK & IRELAND COVERAGE

- ICS UK HQ
- ICS Depots
- ICS Offices
- 70+ Service Technicians with 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 Rental:  
0800 840 4210 (24hr response)

Local Offices:

Bradford: 01274 740877

Birmingham: 01675 432270

Southampton: 023 8052 7300



ICSCOOLENERGY.COM

PROCESS TEMPERATURE CONTROL SPECIALISTS.  
SALES. HIRE. SERVICE.



SAFETY  
Schemes in  
Permanence



REFCOM  
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