

product catalogue

Celsius Refrigeration offers a variety of refrigeration services and products. From the design and installation of refrigerated systems, to the supply and repair of all facets of the refrigeration system.



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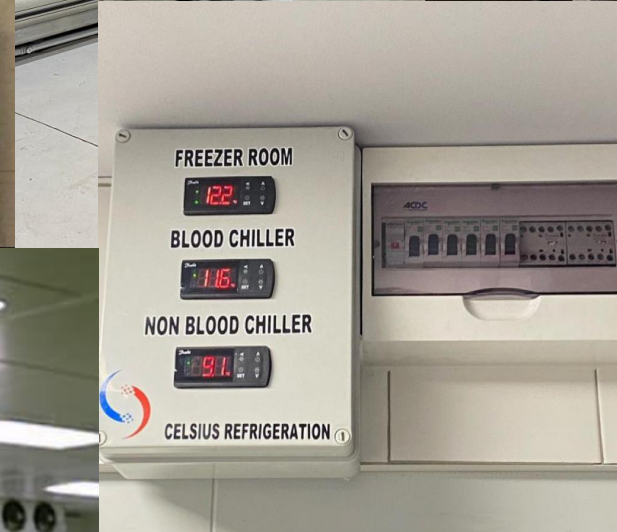
Follow us on social media
at @celsiusrefza

Company Overview

Celsius was first started in the early 1970's. 50 years later, we continue to serve long standing customers, as well as new clients with pride, integrity and professionalism.

Our projects and services have ranged from custom built blast chilling rooms, large and medium scale walk in cold rooms and freezer rooms, retro fitting of existing plants with new equipment, 24 hour emergency service, and preventative maintenance plans to suit your needs.

Our areas of expertise include hospitality, medical, restaurant and fast food, food processing and production, refrigerated storage.



our products

Refrigeration systems, from cold rooms to freezer rooms and blast chillers and drop temp rooms. All systems can be designed and installed to customers specifications.

Paneling can be offered in both polyurethane injected as well as polystyrene. Sliding and hinged doors to suite all applications.

From our in house built units and doors, to large scale refrigeration units, we cater for all your refrigeration needs big or small.

- Cold Room Freezer room units
- Cold Room Freezer Room Panels
- Gaskets
- Handles, hinges, latch and strikes
- Refrigerated cabinets
- Strip Curtains
- Refrigeration related spares



Refrigeration panels



Refrigeration units



Customized solutions



Evaporators

Cold Room Door Hardware



Fermod 431 Latch and Strike



Fermod 521 Latch and Strike



Fermod 921 Latch and Strike



CX1178 Chrome Latch and Strike

- Cold room latch and strike for various types of doors.
- Most latch and strikes can be easily retrofit to any door, to replace existing style latch or for a type no longer available.
- Most styles not shown can be sourced and supplied, if you need any other style of latch and strike please contact us.

Cold Room Door Hardware



CH108 Hinge Pair



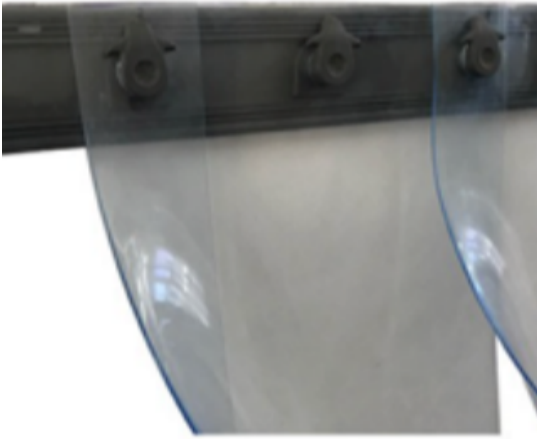
Sliding door rails and parts



Cold room door gaskets

- Cold room hinges
- Cold room door gasket, in various styles available
- Sliding door hardware and spares
- Custom doors built if required
- Aluminium chequer plate protection available

PVC Strip Curtains and Rails



PVC Rail



Complete strip curtain and rail



Strip Curtain Rolls

PVC Strip curtains designed for temperatures down to -30°C. Our strip curtain remains soft and flexible even at low temperatures.

Rail and curtains cut and sized for any size door opening.

PVC curtains are HACCP compliant.

Strip curtains create a thermal barrier for door openings to help prevent condensation and temperature increases when door is open.

Strip curtains are suitable for both high and low use rooms as well as medium and low temperature applications.

Curtains may be ordered as complete rolls up to 50m and cut to length by customer

Cold Room and Freezer Panels



Polyurethane injected panels

Polyurethane injected panels are made with eco friendly 0% ODP and 0% GWP materials.

Polyurethane panels offer long life span with higher thermal insulation over the polystyrene panels.

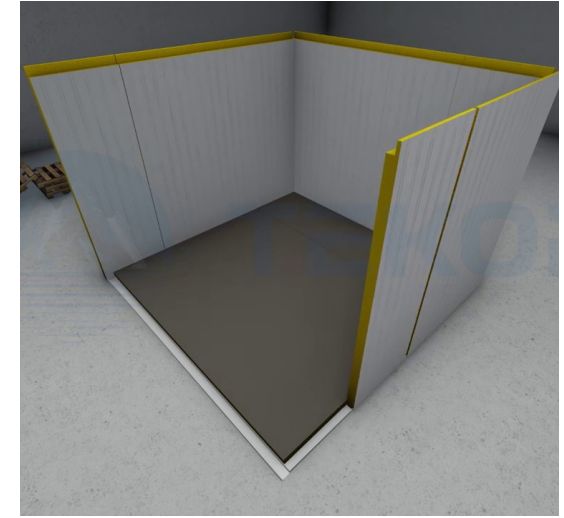
Panels offered in 60mm for medium temp applications as well as 80mm for temperatures down to -25°C.



Polystyrene bonded panels

Polystyrene bonded panels offer budget friendly alternative to polyurethane injected panels.

Panels come in 100mm for medium temp and 150mm for low temp applications down to -25°C



Floors

Freezer rooms require insulated floors.

Customers can choose between a foam slab floor which will have a concrete and tile/epoxy style finish

Alternatively floors can be prefabricated and drop in with choice of galvanised or chequer plate finish

Refrigeration units and evaporators



Modular large scale units



Celsius In house vertical units



Evaporators



Open base units

Various refrigeration units available for every application and size refrigeration system.

From budget friendly open base units, to large modular style systems for larger commercial applications.

Celsius refrigeration has vast experience in all size and design refrigeration systems.

Applications include

- Cold rooms and freezer rooms
- Blast chillers
- Drop temp facilities
- Cabinets and reach ins

Refrigeration monitoring systems



Control of your refrigeration systems and plant rooms

Refrigeration monitoring solutions range from basic temperature monitoring with alarm functionality, to advanced solutions to include all aspects of the refrigeration system.

From pressures to voltages, as well as alarm conditions, and any other control you may require.

Monitoring systems can be accessed via a desktop application, or via a mobile app.

The solutions offer real time monitoring and cloud based storage of all data.

Data can be viewed and history downloaded at any time



Digital controls and DB

Celsius Refrigeration makes use of digital control units on our refrigeration system installs.

Digital controls offer high accuracy and functionality, from temperature set points, to defrost and fan control.

Traditional thermostatic controls are also available on request.

Celsius Refrigeration cc

Shelving and racking solutions



Customiised shelving siolutions

Designed to fit the interior of the cold room or freezer,
and maximise the available storage space.

From shelving unit, to dunnage racks and any other custom storage
pieces, finished in 430 stainless steel.

All storage solutions are high quality and designed to perform under
extreme conditions.

Voltage Protection



With the current electrical supply issues, it is important to protect your refrigeration assets.

We offer both single and three phase protection systems. Designed to monitor the incoming voltage supplied to your refrigeration system, and switch off the supply should an over or under voltage be detected.

Unlike surge protection, voltage protection is a more precise and controlled method of insuring the electrical supply to the refrigeration system is maintained at a constant level, therefore protecting compressors, fan motors, solenoids, and electronics from damage over time due to irregular supply.

Service and maintenance



Service

Preventative Maintenance Agreements are critical to the efficiency, care and lifespan of your refrigeration assets. From basic cleaning of condensers and evaporators to improve air flow and system efficiency, to the overall "health check" of a system. A regular PM schedule gives you peace of mind and insures your refrigeration systems remain in optimal condition.

Proven to reduce call outs, as well as operating costs and to improve system lifespan

- Cold rooms and freezer rooms
- After Hours Available
- Skilled Techs
- Most common spares and refrigerants carried in vehicles

Refrigerated Cabinets

Celsius Refrigeration offers a wide variety of refrigerated cabinets.

- Under bars
- Upright Freezers
- Display Fridges
- Chest Freezers
- Open Front Display Cases
- Island Fridges
- Ice Cream Glass Top Freezers
- Reach In Cold Rooms and Freezers
- Glass Doors

