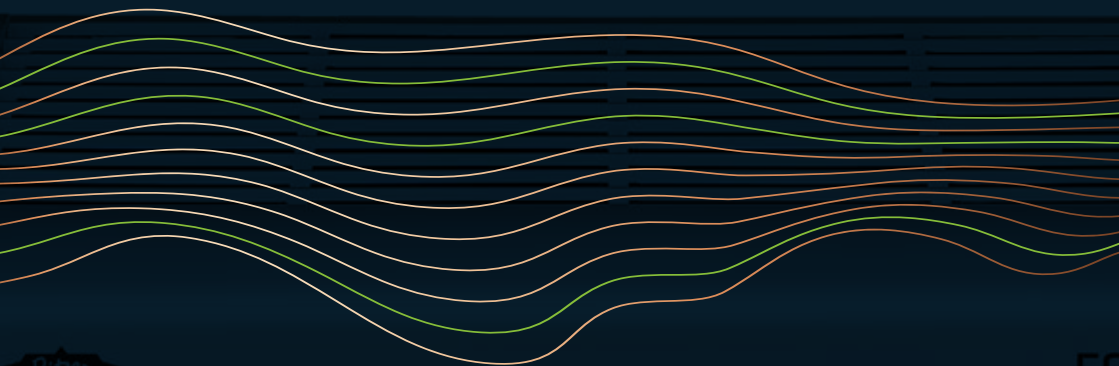




MARKETING LEADING TECHNOLOGY

Leading products & brands you can trust.





INDUSTRY LEADING BRANDS & PRODUCTS

Quality every step of the way...

FridgeHUB recognises contractors need access to a wide range of equipment in order to meet the needs of their customers. To meet these needs we have put together a range of equipment from market leading manufacturers that cover everything from a small 5m³ cold room through to a food processing factory using central plant.

We offer systems capable of duties ranging from 0.5kW through to over 750kW using everything from standard condensing units through to pack systems matched to a range of heat exchanger options. To ensure the best possible support for such a wide

range of options, we have two teams that provide specialist support.

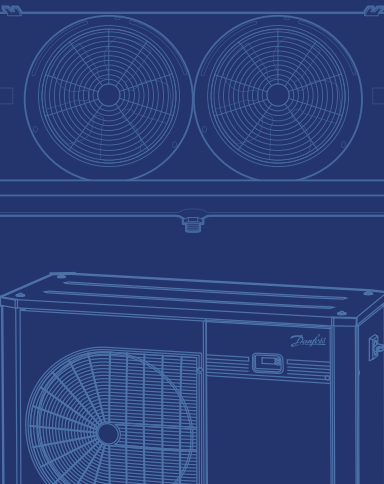
For systems up to 20kW in capacity, our fridgeDIRECT team are trained in these smaller systems. Where applications exceed 20kW, our fridgePROJECTS team offer a support service that is tailor made to ensure we offer the best commercial solution using larger systems.

In addition, fridgeHUB can design installation materials for the system being installed, ensuring that you get the best possible products and service from one supplier. This improves communications, concentrates the support effort, and significantly improves cost control for the project.

OUR PRODUCTS

Packaged systems

FridgeHUB offer two types of systems where a unit & cooler are provided as matched systems.



FRIDGESPLITS

This range of competitive, balanced, refrigeration systems are designed to take the guesswork out of cold room and freezer room selections.

Each fridgeSPLIT uses the market leading Danfoss Optyima condensing unit which has been perfectly matched to an ECO evaporator and covers coldrooms up to 10kW in duty. Each system comes with a 3 year no quibble warranty.

FEATURES

- **Competitive refrigeration system offering a 3 year warranty as standard**
- **Quotations within 30minutes**
- **Available from stock**
- **Available with installation & controller kits for each system**



MARSTAIR 17 SERIES BEER CELLAR SYSTEM

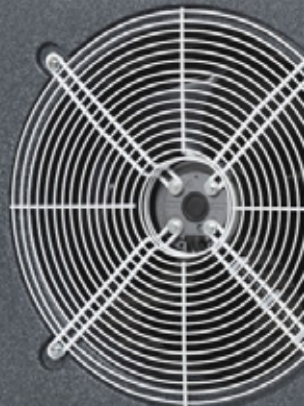
Based on either R410A or R407C this range of systems, specifically designed for the UK beer cellar market, comes with a 5 year warranty which is unique in this sector.

Manufactured in the UK, these systems provide a wealth of features including class leading pipe runs and antibacterial construction for the cellar evaporator, another unique feature.

FEATURES

- **Competitive refrigeration system offering a 5 year warranty as standard**
- **Long pipe runs of circa 80mtrs (R407C range)**
- **Available with installation & controller kits for each system**

MARSTAIR
REFRIGERATION AND SPECIALIST AIR CONDITIONING





Q-TON

Q-ton is a CO2 based heat pump system delivering hot water and is an ideal replacement for traditional combined heat & power systems. Delivering water temperatures of between 60°C & 90°C (even at -25°C ambient temperatures), with no loss in capacity down to -7°C. Q-ton is an ideal renewable technology for use in areas where high volume, high grade water is required. The use of CO2 results in a future proof heating system that negates the operational limitations for Nitrogen Oxide levels (NOx) needed for London planning

Q-ton works as an energy accumulation system and is supplied with specially designed stratified hot water cylinders. Q-ton can also be linked via a plate heat exchanger arrangement to a more complex secondary water loop.

HIGH EFFICIENCY & LOW CARBON EMISSIONS

The world's first rotary & scroll compressor.



Hospitals



Restaurants



Hotels



Laundries



Care Homes



Apartment Blocks



Food Industries



Fitness Centres



Manufacturing



Universities, etc



WHY CHOOSE Q-TON?

High Performance

60°C to 90°C water supply even with outside temperatures as low as -25°C. The ability to maintain 100% capacity down to -7°C

High Efficiency

Industry leading coefficient of performance (4.3 in intermediate season). Massive reductions in both running costs and CO2 emissions

Environmentally Responsible

GWP (Global Warming Potential) = 1
ODP (Ozone Depletion Potential) = 0

Easy Operation

Advanced, but simple to operate touch screen panel with LCD. User-friendly schedule setting and one-touch fill up operation.

Long-term Reliability

High quality robust technology
Long life expectancy

OUR PRODUCTS

Condensing units

Available from stock, we offer condensing units in their traditional configuration for mounting indoors (or within a suitable housing), packaged units which are typically housed and fully specified to simplify installation, through to water cooled units and compressor receiver sets.



Danfoss

DANFOSS OPTYMA PACKAGED UNITS

This range of packaged condensing units, suitable for MBP and LBP applications, come in three versions and the fridgeDIRECT team is ready to help you choose the right one for your application. Fully specified and of high quality but at a respectable price. The three options are...

Danfoss Optyma Slim

The compact & cost effective package unit.

Danfoss Optyma Plus

High specification, high efficiency packaged units.

Danfoss Optyma Inverter

Our premium hermetic based unit, quick to install & super efficient giving accurate control across multiple systems.

BITZER LHE CONDENSING UNITS

This traditional design of condensing units uses EC fans and micro channel condensers to ensure that tradition comes with efficiency.

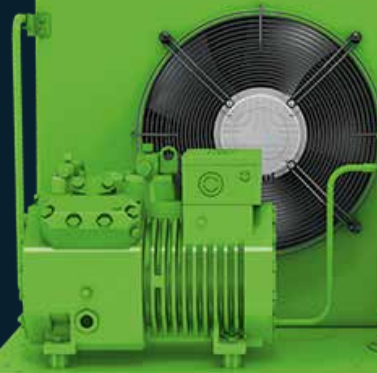
Covering 35 different models with capacity ranging from 1.8kW to over 46kW these units can be ordered with a metal housing and a range of optional extras.

FEATURES

- **Highly efficient ECOLINE compressors**
- **Speed-controlled EC fans for energy-saving & low noise**
- **System-optimised mini-channel condensing heat exchanger for high heat transfer rates and small refrigerant charge**



Bitzer



BITZER PACKAGED UNITS



Bitzer's new range of innovative condensing units meet and exceed the needs of today's market. Using their reliable semi-hermetic ECOLINE compressors, these packaged condensing units are unique for this sector.

They offer a range of features that deliver tangible results and the features list is extensive. Please ask for more information on this remarkable range.



BITZER ECOLITE

This new range of packaged condensing units provides unparalleled performance with a high specification at a refreshingly competitive price. The range offers the end-user the possibility of installing a system today using HFC refrigerants with the option of changing to A2L refrigerants at a later date. Thus future proofing their investment.

Covering a capacity range of between 5 & 14.6kW the state of the art low noise Bitzer Ecolite comes fully specified including Bitzer's 'Best' software, capacity control, semi-hermetic compressor, and is built to be durable and efficient.



BITZER ECOSTAR

The Ecolite's larger brother, the Ecostar, is available with capacity running from 9.7kW to 21.6kW. Fitted with capacity control and variable speed fans, these units have an airflow configuration that allows the units to be installed with their back tight to a wall, thus increasing the number of locations these units can be squeezed into. If your installation needs a large condensing unit, but you have very limited space, this could be the ideal solution.

For low noise applications, an additional noise attenuation pack is available which reduces the noise levels by a further 6dBa increasing its application window.



SCM REF CUBO LIGHT

SCM REF

Manufactured in France by SCM Ref this range of custom built condensing units are based on Bitzer, Copeland and Tecumseh compressors.

These made to order units can be manufactured in the traditional condensing unit configuration, water cooled units and compressor receiver sets



SCM FRIGO

SCM
FRIGO

SCM Frigo are best known in the UK for their range of excellent packs, but they also manufacture a range of packaged condensing units that are designed to use CO₂ as the refrigerant. Known as the CUBO₂ range it is offered in three configurations all housed and fully specified.

In addition to offering this unique range of CO₂ units, we offer a comprehensive training package with our partners Cool Concerns to ensure you get the most from these systems. Choosing a CUBO₂ unit ensures your customers investment is using the very latest technology based on a natural refrigerant that has a GWP value of 1, in other words it's truly future proof.

CUBO₂
SMART

CUBO₂ SMART

A hermetic based packaged condensing unit comprising of 7 units giving an operational range of between 2.55kW & 8.2kW. Each unit comes complete with an electrical control panel using a Carel control system that really is plug and play. Set up is easy and systems have proven to be reliable, efficient and very quiet.



CUBO2 AQUA

Essentially a water cooled version of CUBO2 Smart covering the same range and to the same specification. Using a water cooled system allows flexibility of application especially in city locations.



CUBO2 PLUS

The Plus range uses a semi-hermetic compressor that allows these units to cover a larger operation envelope, from 5.6kW through to an impressive 28.4kW. Using Dorin compressors 6 units complete the range, all packaged in an outdoor housing. These units are also available fitted with bitzer compressors which increases the range covered to 9.5kW & 28.7kW.

OUR PRODUCTS

Capital plant



SCM Frigo has been manufacturing pack base systems in Italy for over 40 years and is the leading supplier of refrigeration packs in the UK. Supplying the retail market with CO2 based packs since 2009 its experience shows in the quality of the plant manufactured.

Packs ranging in size from 50-750kW are suitable for both HFC & CO2 refrigerants, and are made available in a number of configurable designs, allowing the plant to be installed in a plant room, outside in it's own housing ("walk-in"), or as an integrated system including a condenser ("Plug'n Play"). The range of packs and chillers available covers the following variants...



OUR PRODUCTS

CO2 Transcritical Packs

SMART BOOSTER

These modular packs use either 2, 3 or 4 compressors in an MT only or combined MT/LT format.

The MT packs provide a capacity range of between 16.6kW - 59kW whereas the MT/LT Packs offer an MT duty of 12kW - 49kW whilst the LT system on the same pack offers a range of duties between 3.3kW - 8.5kW.



LEAN BOOSTER

The Lean range of packs is specifically designed to fit into tight spaces and can be mounted flat against a wall. Using up to 5 compressors in various combinations, all components are accessible from the front and the "plug'n cool" variant comes in its own plant room for mounting outside.

These 'lean machines' cover an MT range of 15-100kW and the MT/LT packs provide a duty range of 3-20kW on the LT.

BOOSTER SMKT

The next size up these packs cover a range of 75-350kW on the MT and 15-75kW on the LT side, and was originally designed to offer a reasonable specification level at a competitive price for supermarket based applications.

Walk-In & Plu'n Cool variants are available.

BOOSTER INDUSTRIAL



Ideal for food processing applications, this industrial range covers a massive range of 200-750kW. Using 6 cylinder compressors from Bitzer options such as hot gas defrost, heat recovery, and ejectors mean this range can be optioned to match most applications.



OUR PRODUCTS

CO2 Transcritical Chillers

These CO2 transcritical chillers use a flooded evaporator for MT applications.

CHILLER COMMERCIAL

Suitable for Glycols and non corrosive brines
Chiller covers a duty range of 73-425kW

CHILLER INDUSTRIAL

Using CaCl₂, ammonia, and other industrial brines,
these chillers cover a large duty range of 229-451kW.

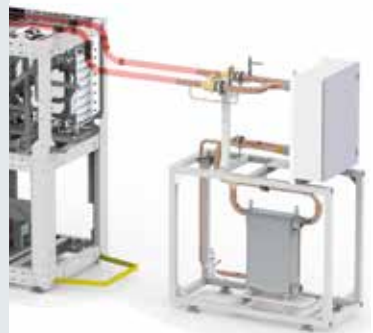
CHILLER MODULE

The range of 'bolt on' direct expansion chiller modules can be ran from a pack system covering a duty range of 25-250kW. Using a direct expansion system, these modules provide increased flexibility on site.

PNC SOLUTIONS

PNC (Plug'n'Cool) version is an outdoor compressor pack including housing and integrated condenser with axial fans and available for most pack options.

Constructed using a closed frame design, they are made using thick galvanized sheet steel and protected with a coat of oven-baked polyester-based thermosetting paint. Colour RAL9006.



OUR PRODUCTS

Heat exchangers

We have put together an industry leading selection of heat exchangers to cover all applications available from one supplier. Covering small cold room evaporators, a range of commercial coolers, industrial heat exchangers and custom made specials, we can meet your project's needs. The breadth of products offered from these manufacturers is vast so please ask your Area Sales Manager for more information on any specific projects you may need.

ECO™ heat transfer coolers

MODINE

MODINE ECO EVAPORATORS

These cost effective evaporators are manufactured using their Coiltech(TM) heat exchangers and are the evaporator of choice for our fridgeSPLITS ECO range.

The EVS, GME and, GCE ranges are held as stock items, other items from the ECO range are available to order.



LU-VE
EXCHANGERS

LU-VE EVAPORATORS

We consider Lu-Ve to offer the best blend of performance, efficiency, and features at a commercially acceptable price.

Their range is vast offering a full range of commercial and industrial heat exchangers combined with options for a variety of performance enhancing features that can be added at the factory.





FRIGA-BOHN

FRIGA-BOHN

The Friga Bohn product range offers energy efficiencies and low noise levels with options capable of working with natural refrigerants.

From commercial unit coolers to industrial blast freezing tunnel coolers, condensers & dry coolers, Friga Bohn have a suitable product available for all your refrigeration commercial and industrial applications.

COOLERS & CONDENSERS

This manufacturer provides access to a bespoke range of coolers and condensers that will cover more specialist needs.

The cooler range covers the heavy commercial & industrial side of our industry with ceiling mount, floor mount, ducted, and dual discharge designs. Numerous options are available covering items such as:

- **Galvanised, painted, plain, or watchcase grade stainless steel casings**
 - **AC, EC, and high power aerofoil fans**
 - **Hinged fan plates, sliding baffle plates, and hinged access doors offer easy access for cleaning**
 - **Air on filter systems for specialist applications**
 - **Air straighteners, socks, angled fan plates, insulated drip trays.... you get the idea, if you need it**
- Coolers and Condensers can supply it**

In addition to their range of coolers, a comprehensive range of condensers are available in flat-bed or V-block configurations. The range covers up to circa 1200kW in capacity and are again offered with a comprehensive range of options such as:

- **Copper or stainless steel tubing**
- **Aluminium, poly coated aluminium, copper, electro-tinned copper and stainless finning**
- **Painted galvanised or stainless casing**
- **AC, EC and high power aerofoil fans**
- **Axe-Top, silencers, AV mounts and base frame variations are just a few of the optional items available.**



OUR PRODUCTS

Control systems



To compliment this comprehensive range of equipment, we offer access to a range of control systems for pack control, remote monitoring and full system control. Manufacturers such as Danfoss, Carel, Eliwell, and RDM are all available.

Most systems sold by the fridgeHUB team need fixed leak detection systems by law and we have partnered with Bacharach to ensure we can offer a commercially acceptable system

For smaller cold room applications, remote temperature monitoring has always been a costly option. However, Danfoss now offer their Prosa temperature monitoring system at a very reasonable price.

EXTENDED WARRANTY

The team at fridgeHUB firmly believe that all products in our portfolio are of a high quality and will provide a sound investment if installed and maintained correctly.

For accounts that purchase 5 or more Optyma units in a year we offer the FridgePRO Optyma package which provides a 5 year 'no quibble' warranty on all Danfoss Optyma condensing units purchased. In addition we offer FridgePRO and FridgePRO+ accounts that have completed the factory approved product training courses 2 year warranty covering purchases of plant/packs, condensers and evaporators. This recognises the trades engineering ability when installing systems typically over 20Kw in duty.



PROVIDING FRIDGE EXCELLENCE

Working with you to help you secure refrigeration projects.

AVAILABLE FROM

dw refrigeration &
air conditioning
supplier



rw Refrigeration &
Air Conditioning
Supplier

Become a PRO today...

sales@fridgehub.co.uk www.fridgehub.co.uk