



**hawco<sup>o</sup>**

## Supplying Refrigeration Components You Can Trust

for Commercial and Scientific Applications

ALCO CONTROLS

CAREL

 Danfoss  
by Schneider Electric

embraco  
Nitec

HITACHI



lae  
ELECTRONIC

 LU-VE  
exchangers

SANHUA

SECCP

 BAM COMPRESSOR  
INDUSTRY CO., LTD.

SUNON

 Tecumseh

 UNADA

**50**  
1973  
2023

+44 (0)1483 869 070 [sales@hawco.co.uk](mailto:sales@hawco.co.uk)

[www.hawco.co.uk/refrigeration-oem](http://www.hawco.co.uk/refrigeration-oem)

# We recommend components that best match your application

## PRODUCTS WE SUPPLY INCLUDE:

- AXIAL FANS
- CONDENSERS
- CONDENSING UNITS
- DIGITAL CONTROLLERS
- EC FAN MOTORS
- EVAPORATORS
- EXPANSION VALVES & CAPILLARIES
- INVERTER DRIVES
- LINE COMPONENTS
- PLATE HEAT EXCHANGERS
- RECIPROCATING COMPRESSORS
- ROTARY COMPRESSORS
- SCROLL COMPRESSORS
- TUBE AND FIN HEAT EXCHANGERS

**MADE  
POSSIBLE**  
WITH HAWCO  
EXPERTISE



# Customisable & Bespoke Components

Most of the time, we supply standard parts that provide a strong match to the requirements of each application, chosen from an extensive selection of items.

However, we can also customise particular parts to improve how they perform or make them quicker to integrate into your production process and reduce manufacturing costs.

As required, completely new items can be developed - and we have been involved with the design, testing and delivery of some innovative solutions.

## CONDENSING UNITS



### Fully-Dressed Condensing Units Adapted to Your Configuration



- Supplied with or without service valves & liquid receiver
- Optional liquid line, Schrader valve pressure control, fan speed control and double fan condenser
- Custom built models available with short production runs
- Available for use with natural and A2L refrigerants



Scientific Lab Equipment



Chillers



Medical



Foodservice



Freezers



UL Standards Also Available

## CONDENSERS & UNIT COOLERS



### Condenser Assemblies in Multiple Sizes with Customisable Options



- Compact highly robust tubeless structure
- Available with energy-saving EC fan motor and guard



### Efficient Cabinet Unit Coolers

- Highly suitable for tight spaces
- From 242 to 1160 watts with one or two fans
- Natural or electric defrost



Scientific Lab Equipment



Chillers



Medical

## COILS, EVAPORATORS & PLATE HEAT EXCHANGERS



### Standard or Bespoke Coil Designs in a Variety Sizes & Capacities



- Flat, corrugated, louvred or pyramid shaped fins
- Optional coil dressing with TEVs and line components

### Brazed Plate Heat Exchangers

- Ideal for use as an evaporator or condenser, including water loop systems



Heat Pumps



Bottle Coolers



Chillers



Freezers



Medical



UL Standards Also Available

# Standard & Special Components

Using our in-depth product knowledge, we can advise on the best specification of the components required for your application.

Our recommendations are based on a thorough understanding of your technical requirements as well as a consideration of production and commercial needs.

In addition to our extensive range of standard parts, we will source and supply special items as required.

## SCROLL COMPRESSORS & INVERTER DRIVES



Optimum Efficiency to Deliver Over 25% Energy Savings

**HITACHI**  **SIAM COMPRESSOR INDUSTRY CO., LTD.**

- Available with choice of inverter drive alternatives
- Horizontal low profile option to maximise product display space
- Individual models compatible with LBP, MBP & HBP applications
- Available for use with natural and A2L refrigerants



Chillers



Freezers



Heat Pumps



Medical



Refrigerated Transport



UL Standards Also Available

## RECIPROCATING COMPRESSORS



Fixed and Variable Speed Models With Natural and A2L Refrigerants

**embraco** **SECOP**  
**Nidec**  **Tecumseh**

- Excellent quality, efficiency & reliability from the world's largest manufacturers
- Production versatility with some models suitable for use in multiple markets
- Variable speed models with integral speed drives for greater energy savings



Bottle Coolers



Chillers



Freezers



Foodservice



Medical



UL Standards Also Available

## FANS & MOTORS EC & AC



Fully Programmable EC Fans with Exceptional Efficiency

 **UNADA**

- Enhanced blade design for improved airflow at low speeds
- Variable speed control via Modbus programs
- Reverse speed option on start-up to clear build up of debris on coil
- ATEX-approval for use with hydrocarbon refrigerants

Cost-Effective Axial Fans in Standard Sizes from Trusted Suppliers

 **SUNON**

- Low, medium and high speed energy-efficient fans
- High airflow, silent and dust/water-proof options
- Ingress protection & ATEX-approval available

## DIGITAL CONTROLLERS AND PROBES



## MECHANICAL, DIGITAL & ELECTRONIC VALVES



## LINE COMPONENTS & THERMOPLASTIC TUBING



## ELECTRICAL COMPONENTS LEAK DETECTORS & CONSUMABLES



### Wide Range for Food Display Refrigeration and Scientific Applications



- Versions for use with R290, variable speed compressors and EC-fan motors
- Highly configurable for multi-functional operation and energy savings
- Easy configuration or pre-programmed for rapid installation
- Customisable visual appearance and functions

### Robust EEVs & TEVs, Solenoid Valves and Fixed & Adjustable Pressure Switches



- Choice of stepper or pulse (PWM) EEVs for energy saving
- Available for R290, R744 (CO2) & other refrigerants
- ATEX-approved models
- Approved to international standards
- Available in multiple sizes from 1/8" to 5 1/4"

### Complete Collection of Line Components, Fixtures and Fittings



- Available for R290 & other refrigerants
- High pressure range available for R744 (CO2), both 60 bar and 120 bar
- Wide choice of different volume sizes, pressure ratings and pipe configurations
- Robust and flexible thermoplastic tubing for quick and easy installation

### Trusted Electrical Components Plus Leak Detectors & Other Materials

- Switches, contactors and relays built for high reliability
- Gas leak detectors for use with R290
- Consumables such as copper piping, brazing and insulation



Bottle Coolers Catering Equipment Foodservice



Bottle Coolers Catering Equipment Foodservice



Chillers Freezers Heat Pumps



Bottle Coolers Chillers Freezers



Medical Refrigerated Transport UL Standards Also Available



Medical Refrigerated Transport UL Standards Also Available



Multi-Compressor Packs Refrigerated Transport UL Standards Also Available



Foodservice Heat Pumps UL Standards Also Available

# Who We Work With

## Saving Energy for The Bond Group

Over the past decade, we've supplied 12,000 Hitachi horizontal scroll compressors to The Bond Group, one of the UK's largest manufacturers of refrigerated display cases.

The energy-saving and quiet compressors are integrated into the company's popular low-fronted integral cabinets, helping to maximise the total display area whilst reducing energy consumption.

An early adopter of scroll technology, The Bond Group has been focused on improving energy efficiency for its British and European customers, which include ASDA, Iceland, Morrisons and SPAR.

Other components we supply include stainless steel braided hoses, ATEX-approved pressure switches, self-regulating heater elements and NTC probes.



## Bespoke Condensing Units for Blood Banks

**We supply cooling systems for blood bank refrigerators and plasma freezers produced by Labcold.**

These units have a customised design, which combines an Embraco compressor and LU-VE condenser, to minimise construction time at Labcold's facility.

We also supply a wide range of refrigeration components including power relays, solid state relays, digital controllers, fans, line components and temperature probes.

We support a number of customers with their product design of medical and laboratory equipment, providing components which include compressors, condensers, fans and pressure switches.

## Exporting Our Expertise

**Kaplanlar is a Turkish manufacturer of supermarket display cases, supplying over 50 countries worldwide.**

We've been supplying the international producer with Hitachi scroll compressors since 2010. We also supply energy-saving EC fans, including ATEX models designed for use with mildly flammable refrigerants like R290.

## Customised Controllers

**We assisted GAH Refrigeration with the development of a bespoke controller for use in transport refrigeration systems.**

Working closely with LAE Electronic, we helped GAH design a controller that integrated data logging and streamlined service updates.

The controller had to be robust enough to resist the vibration experienced in a moving vehicle and required an additional waterproof lacquer to protect the PCB when exposed to ambient conditions.

## Largest UK Distributor of Embraco Compressors

**We supply over 40,000 Embraco reciprocating compressors every year to manufacturers of every size.**

These are commonly used in commercial kitchen equipment from Precision Refrigeration, ice machines from Hoshizaki and chilled drinks dispensers from Celli Group.

We also supply Embraco unboxed condensing units to Counterline for food retail display cases, CED Fabrications and Victor Manufacturing for merchandisers, Proline Corporation for bespoke counters and Genfrost for small integral display units found in UK high street cake stores.





## Want to discuss a project? Get in touch

To arrange a consultation with our refrigeration team,  
call +44 (0)1483 869 070 or email us at [sales@hawco.co.uk](mailto:sales@hawco.co.uk)

