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1973
2023

hawco 



**LOWER PROJECT COSTS, TOTAL ENERGY SAVINGS
OR ENVIRONMENTAL SUSTAINABILITY...**

Whatever matters most to your customer,
we have **six different cold room combinations**

area Cooling Solutions

embraco
Nidec

K A R
Y E R

 **LU-VE**
exchangers

Panasonic

 **Tecumseh**



COLD ROOMS
7 to 35 m³



FREEZER ROOMS
Not Available

embraco
Nidec

KAR
YER

UNHOUSED CONDENSING UNIT

MATCHED WITH
EG ANGLED
EVAPORATOR

A series of ready-to-fit indoor
condensing units in a choice of
refrigerants and supplied with
a basic yet reliable evaporator

*Ideal for customised cold room
projects which require design
flexibility at a minimal cost*

BASIC SYSTEMS IDEAL FOR BESPOKE PROJECTS

QUALITY ASSURED LBP & HBP INDOOR MODELS
WITH A COOLING CAPACITY FROM 900W TO 3.1KW

**MULTIPLE
OPTIONS**



VISIT HAWCO.CO.UK/UNHOUSED
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

1

READY TO INSTALL

Typically receiver and valves
supplied as standard

2

TRUSTED RELIABILITY

Every condensing unit tested and
run before leaving the factory

3

ROBUST PERFORMANCE

Tested for ambient
temperatures up to 43°C

4

MULTI-REFRIGERANT DESIGN

Compatible with R448A/R449A,
R134A, R452A, R507 & R513A



Easy to customise

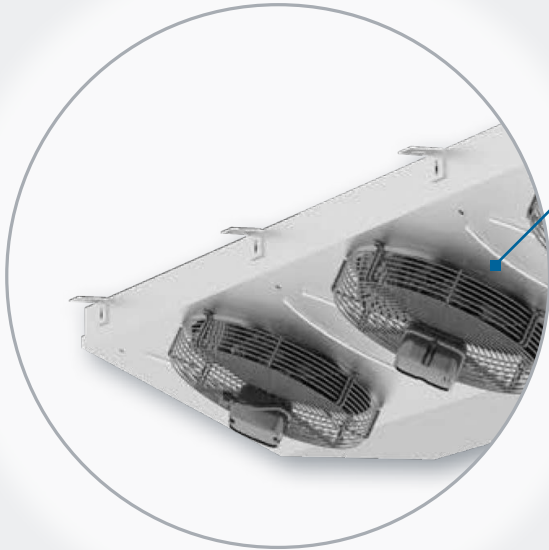


Low cost



Solid construction

EG RANGE OF ECONOMY ANGLED UNIT COOLERS WITH A CHOICE OF 4.2 OR 7MM FIN SPACING



5 BUILT TO LAST

Powder-coated steel casing for corrosion prevention

6 READY TO INSTALL

Quality electric heater and IP41 or IP44 fans as standard



ASK FOR DESIGN SUPPORT

CALL 01483 869 070 OR
EMAIL SALES@HAWCO.CO.UK

VISIT HAWCO.CO.UK/KARYER
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

	COLD ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	
			ANGLED	CUBIC		
R448A/R449A @-5°C evap	7 to 20 m ³	1.0 to 2.5kW	EG125 & 130	N/A	1 fan	FROM £540^{.76}
R452A @-5°C evap	7 to 35 m ³	1.0 to 3.1kW	EG125, 130 & 230	N/A	1 or 2 fans	FROM £540^{.76}

STAINLESS STEEL CASES, EC FANS AND PROTECTIVE COIL COATINGS AVAILABLE ON REQUEST



COLD ROOMS
7 to 45 m³



FREEZER ROOMS
Not Available



**KAR
YER**

WINTSYS CONDENSING UNIT

MATCHED WITH
EG ANGLED
EVAPORATOR

For small chiller projects on a tight budget, choose a quality system you can trust but without the cost of any extra features

Well-built units from two major international manufacturers using quality components tested for reliability and strong performance

BEST FOR TIGHT BUDGETS

17 SINGLE PHASE LBP & MBP MODELS
TO GIVE A PRECISE COOLING MATCH UP TO 3.7KW

**BEST
VALUE**



VISIT HAWCO.CO.UK/WINTSYS
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

- 1 FULLY DRESSED**
with Tecumseh compressor & high quality electrical components pre-installed
- 2 HIGH EFFICIENCY**
Reliable AC induction fan motor
- 3 ROBUST CONSTRUCTION**
Rugged enough to handle ambient temperatures up to 43°C
- 4 MULTI-REFRIGERANT DESIGN**
Compatible with R452A and R448A/R449A.
R134A available on request



High quality components



Competitively priced



Solid construction

ECONOMY COOLERS FROM A MAJOR INTERNATIONAL MANUFACTURER WITH A CHOICE OF 4.2 OR 7MM FIN SPACING



5

BUILT TO LAST

Powder-coated steel casing for corrosion prevention

6

READY TO INSTALL

Quality electric heater and IP41 or IP44 fans as standard



GOT A QUESTION?

CALL 01483 869 070 OR
EMAIL SALES@HAWCO.CO.UK

VISIT HAWCO.CO.UK/KARYER
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

	COLD ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	
			ANGLED	CUBIC		
R448A/R449A @-5°C evap	7 to 45 m ³	1.0 to 3.7kW	EG125, 130 & 230	N/A	1 or 2 fans	FROM £1,043. ⁰¹
R452A @-5°C evap	7 to 45 m ³	1.0 to 3.7kW	EG125, 130 & 230	N/A	1 or 2 fans	FROM £1,043. ⁰¹

STAINLESS STEEL CASES, EC FANS AND PROTECTIVE COIL COATINGS AVAILABLE ON REQUEST



COLD ROOMS
7 to 100 m³



FREEZER ROOMS
3 to 16 m³



Tecumseh



WINTSYS CONDENSING UNIT

MATCHED WITH

FHA ANGLED
OR **FHC CUBIC**
EVAPORATOR

Our most popular package
designed for easy, hassle-free
installation including everything
you need at a reasonable price

*Available in a wide range of cooling
duties to give you plenty of choice and
flexibility in your system design*

VERSATILE RANGE FOR SMALLER APPLICATIONS

37 SINGLE & THREE PHASE LBP & MBP MODELS
TO GIVE A PRECISE COOLING MATCH UP TO 5.2KW

**BEST
SELLER**

side opening for
easy access



VISIT HAWCO.CO.UK/WINTSYS
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

1

FULLY DRESSED

with Tecumseh compressor
& high quality electrical
components pre-installed

2

HIGH EFFICIENCY

Reliable AC induction fan
motor

3

ROBUST CONSTRUCTION

Rugged enough to handle
ambient temperatures up
to 43°C

4

MULTI-REFRIGERANT DESIGN

Compatible with R452A
and R448A/R449A.
R134A available on request



High quality components



Good overall value



Strong performance & efficiency

COMPACT COOLERS DESIGNED FOR LIFETIME EFFICIENCY BASED ON YEARS OF R&D AND INNOVATION

5

EC FANS

Fitted as standard offering additional energy-savings



6

DEFROST HEATER

Angled coolers available with a choice of natural or electric defrost

[VISIT HAWCO.CO.UK/LU-VE](http://www.hawco.co.uk/lu-ve)
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

GET A QUOTE

CALL 01483 869 070 OR
EMAIL SALES@HAWCO.CO.UK

	COLD ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	
			ANGLED	CUBIC		
R448A/R449A @-5°C evap	7 to 100 m ³	1.0 to 6.7kW	FHA21, 40, 41, 53, 60, 79 & 80	FHC31 & FHC35	1 to 3 fans	FROM £1,161^{.68}
R448A/R449A @-27°C evap	3 to 16 m ³	0.9 to 2.4kW	FHA28, 35 & 52	N/A	2 or 3 fans	FROM £1,554^{.00}
R452A @-5°C evap	7 to 80 m ³	1.0 to 5.7kW	FHA21, 40, 41, 53, 60, 79 & 80	FHC31 & FHC35	1 to 3 fans	FROM £1,161^{.68}
R452A @-27°C evap	3 to 16 m ³	0.9 to 2.4kW	FHA28, 35 & 52	N/A	2 or 3 fans	FROM £1,554^{.00}



COLD ROOMS
7 to 120 m³



FREEZER ROOMS
Not Available

area

Cooling
Solutions



ICOOL SE CONDENSING UNIT

MATCHED WITH

FHA ANGLED
OR **FHC CUBIC**
EVAPORATOR

iCool SE range offers an attractive alternative to inefficient fixed-speed condensing units.

Each inverter-controlled unit is competitively priced – even when compared to selected on-off competitor models – with any additional cost recouped through energy savings within months

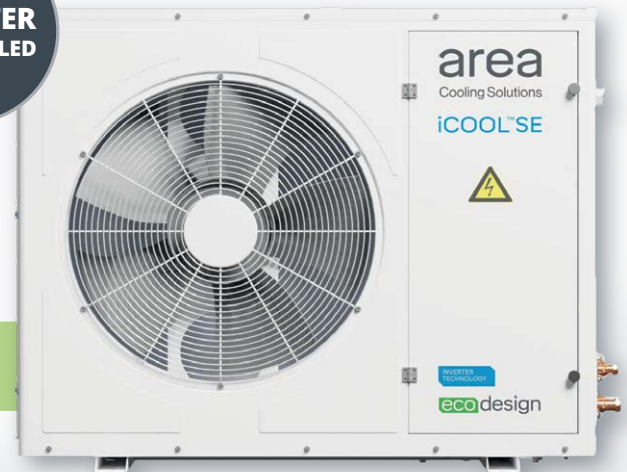
ENTRY-LEVEL INVERTERS FOR RAPID ENERGY PAYBACK

COMPETITIVELY PRICED MT MODELS UP TO 11KW

A VIABLE OPTION TO FIXED SPEED ALTERNATIVES,
UNLOCKING OVER 30% ENERGY SAVINGS ANNUALLY

**INVERTER
CONTROLLED**

Choice of 3 single
phase models



VISIT HAWCO.CO.UK/AREA

FOR DATASHEETS AND CALCULATE ESTIMATED PAYBACK TIME

1

ANNUAL MONEY SAVING

Save over 30% in energy costs - compared to a fixed speed equivalent

2

SINGLE PHASE INSTALLATION

Ideal for projects with a single evaporator or display unit - with pipe runs up to 15 metres

3

EFFICIENT BY DESIGN

With an inverter compressor, PLC controller, EC fans with speed control and uses floating condensing & evaporator temperatures

4

PLUG AND PLAY

Simple interface display with a streamlined commissioning process that takes less than 3 minutes



Single phase model for easier installation



Efficient operation & low setup cost



Short payback period

COMPACT COOLERS DESIGNED FOR LIFETIME EFFICIENCY BASED ON YEARS OF R&D AND INNOVATION



5 EFFICIENT HEAT EXCHANGER

Patented design to improve performance, reduce refrigerant charge and minimise defrost time

6 REDUCED CONSUMPTION

Cubic coolers with EC fan motors and efficient defrost heaters to minimise energy loss



DISCUSS A PROJECT

CALL 01483 869 070 OR
EMAIL SALES@HAWCO.CO.UK

VISIT HAWCO.CO.UK/LU-VE
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

	COLD ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	
			ANGLED	CUBIC		
R448A/R449A @-5°C evap	7 to 120 m ³	1.0 to 7.8kW	FHA30, 40, 41, 53, 60, 79 & 80	F31HC, F35HC & E45HC	Up to 3 fans	FROM £2,355 ^{.23}
R452A @-5°C evap	7 to 120 m ³	1.0 to 11kW		F31HC, F35HC & E45HC		FROM £2,355 ^{.23}

STAINLESS STEEL TUBES AND ALUPAINT™ FIN PROTECTION
AVAILABLE FOR CORROSIVE OR HARSH ENVIRONMENTS ON REQUEST



COLD ROOMS
140 to 600 m³



FREEZER ROOMS
3 to 180 m³

area

Cooling
Solutions



ICOOL SILENT CONDENSING UNIT

MATCHED WITH

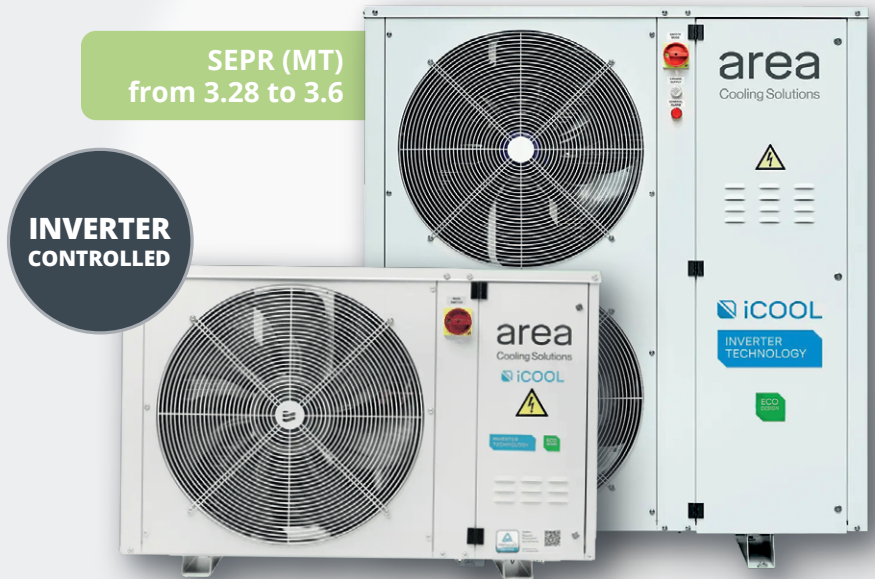
OR **FHC CUBIC**
FHA ANGLED
EVAPORATOR

Designed to perform at the highest standard with multiple evaporators, each inverter-controlled system uses a series of highly efficient components to deliver long-term energy savings

Every component inside these units has been carefully developed to achieve the maximum efficiency possible

LARGER INVERTERS FOR GREATER ENERGY SAVINGS

EXTENSIVE 3 PHASE RANGE UP TO 42KW MBP & 12.8KW LBP
WITH EVERY COMPONENT OPTIMISED FOR MAXIMUM EFFICIENCY



VISIT HAWCO.CO.UK/AREA
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

1

MAXIMUM EFFICIENCY

Panasonic BLDC twin rotary compressor with liquid injection and oil return

2

MULTI-UNIT BALANCING

Designed to manage up to 12 evaporators or display units - with pipe runs up to 80 metres

3

ADVANCED INVERTER CONTROL

Large capacity modulation range from 12 to 120 RPS - with smooth start and active control to maintain performance within working envelope

4

PLUG AND PLAY

Simple interface display with a streamlined commissioning process that takes less than 3 minutes



Reduce defrost frequency by 50%



Designed for superior efficiency



Easy to commission

COMPACT COOLERS DESIGNED FOR LIFETIME EFFICIENCY BASED ON YEARS OF R&D AND INNOVATION



SPECIAL GRILLE

improves air capacity & air throw by 25% during frosting stage

5 EFFICIENT HEAT EXCHANGER

Patented design to improve performance, reduce refrigerant charge and minimise defrost time

6 REDUCED CONSUMPTION

Cubic cooler with EC fan motors and efficient defrost heaters to minimise energy loss



FOR PROJECT ADVICE

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VISIT HAWCO.CO.UK/LU-VE
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

	COLD ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	
			ANGLED	CUBIC		
R448A/R449A @-5°C evap	140 to 600 m ³	8.9 to 40kW	N/A	F31HC, F35HC & E45	2, 3 or 4 fans	FROM £6,161^{.36}
R448A/R449A @-27°C evap	3 to 180 m ³	0.9 to 13.9kW	FHA28, 35 & 52	F31HC & E45	2, 3 or 4 fans	FROM £4,995^{.00}
R452A @-5°C evap	140 to 180 m ³	8.9 to 11kW	N/A	F31HC	3 or 4 fans	FROM £6,161^{.36}
R452A @-27°C evap	3 to 180 m ³	0.9 to 13.9kW	FHA28, 35 & 52	F31HC & E45	2, 3 or 4 fans	FROM £4,995^{.00}

STAINLESS STEEL TUBES AND ALUPAINT™ FIN PROTECTION
AVAILABLE FOR CORROSIVE OR HARSH ENVIRONMENTS ON REQUEST



COLD ROOMS
7 to 350 m³



FREEZER ROOMS
3 to 160 m³

Panasonic  **LU-VE**
exchangers

PANASONIC CO₂ CONDENSING UNIT

MATCHED WITH
FHC CUBIC
EVAPORATORS

Fully-dressed units designed for R744, offering a viable option for environmentally-conscious customers who want to choose a natural refrigerant

Well-engineered packages with multiple features designed to maximise efficiency - and suitable for both large and small commercial projects

CO₂ (R744) SYSTEMS FOR FUTURE-PROOF COOLING

2HP, 4HP, 10HP & 20HP TRANSCRITICAL UNITS
SUITABLE FOR APPLICATIONS BETWEEN 2 AND 16KW



20HP model
available May 2024

**INVERTER
CONTROLLED**

VISIT [HAWCO.CO.UK/CO₂](https://www.hawco.co.uk/co2) FOR TECHNICAL SPECIFICATIONS

1

EFFICIENT COMPONENTS

Uses two rotary compressors and EC inverter fan

2

OPTIONAL HEAT RECOVERY

Heat recovery function can be applied to provide heating

3

INNOVATIVE DESIGN

2-stage compression combined with split-cycle technology enhances cooling effect

4

EASY TO COMMISSION

Simple commissioning with pipe runs between 25 and 100 metres



Natural refrigerant with GWP of 1



Patented high efficiency design



Easy to commission

ROBUST COMMERCIAL COOLERS UP TO 85 BAR AND INDUSTRIAL COOLERS UP TO 60 BAR



5

EFFICIENT HEAT EXCHANGER

Patented design to improve performance, reduce refrigerant charge and minimise defrost time



SPECIAL GRILLE

improves air capacity & air throw by 25% during frosting stage

6

REDUCED CONSUMPTION

Cubic coolers with EC fan motors and efficient defrost heaters to minimise energy loss

LEARN MORE ABOUT CO2

CALL 01483 869 069 OR
EMAIL SALES@HAWCO.CO.UK

VISIT HAWCO.CO.UK/LU-VE
FOR DATASHEETS AND TECHNICAL SPECIFICATIONS

	ROOM VOLUME	COOLING DUTY RANGE	COMPATIBLE EVAPORATORS		FANS	PRICE ON APPLICATION
			ANGLED	CUBIC		
R744 MT @-5°C evap	7 to 350 m ³	4.0 to 25kW	AVAILABLE	F31HC & F35HC	2 or 4 fans	PRICE ON APPLICATION
R744 LT @-27°C evap	3 to 160 m ³	2.4 to 16kW	AVAILABLE	F35HC	2 or 4 fans	

We supplied four 10HP Panasonic CO2 systems with LU-VE evaporators in three cold rooms at a butchery in Devon, with full design and commissioning support provided



Watch a video case study at www.hawco.co.uk/co2

Here to make your job easier

1

SYSTEM SPECIFICATION

Our technical team offers expert advice on the design of any commercial refrigeration system, providing a complete quote that covers all of the equipment and installation materials you need for your project

2

HEAT LOAD CALCULATIONS

We can assist with the calculation of heat loads for any chiller room, freezer room or prep room, as well as wine or cellar cooling, based on the room dimensions and its construction and your preferred system type

3

FULL PRODUCT SUPPORT

We have all of the technical knowledge you need to help you make a quick decision about your cold room system. We can also suggest alternatives that might offer additional benefits to your customer



Simon Rivers
UK Sales Manager

07831 318 430

simon.rivers@hawco.co.uk

Based in Surrey, Simon is responsible for supporting customers based in the South East, the South West and south Wales as well as key national accounts



Adam Campbell
Sales Engineer

07387 133 240

adam.campbell@hawco.co.uk

Based in the West Midlands, Adam looks after our customers across East Anglia, East and West Midlands, central and north Wales, north of England and Scotland



Mervin Chumun M.Inst.R
Technical and
Applications Manager




01483 869 069

mervin.chumun@hawco.co.uk

Mervin can assist with the detailed specification of refrigeration projects, advise on special projects or answer technical queries about any of our products

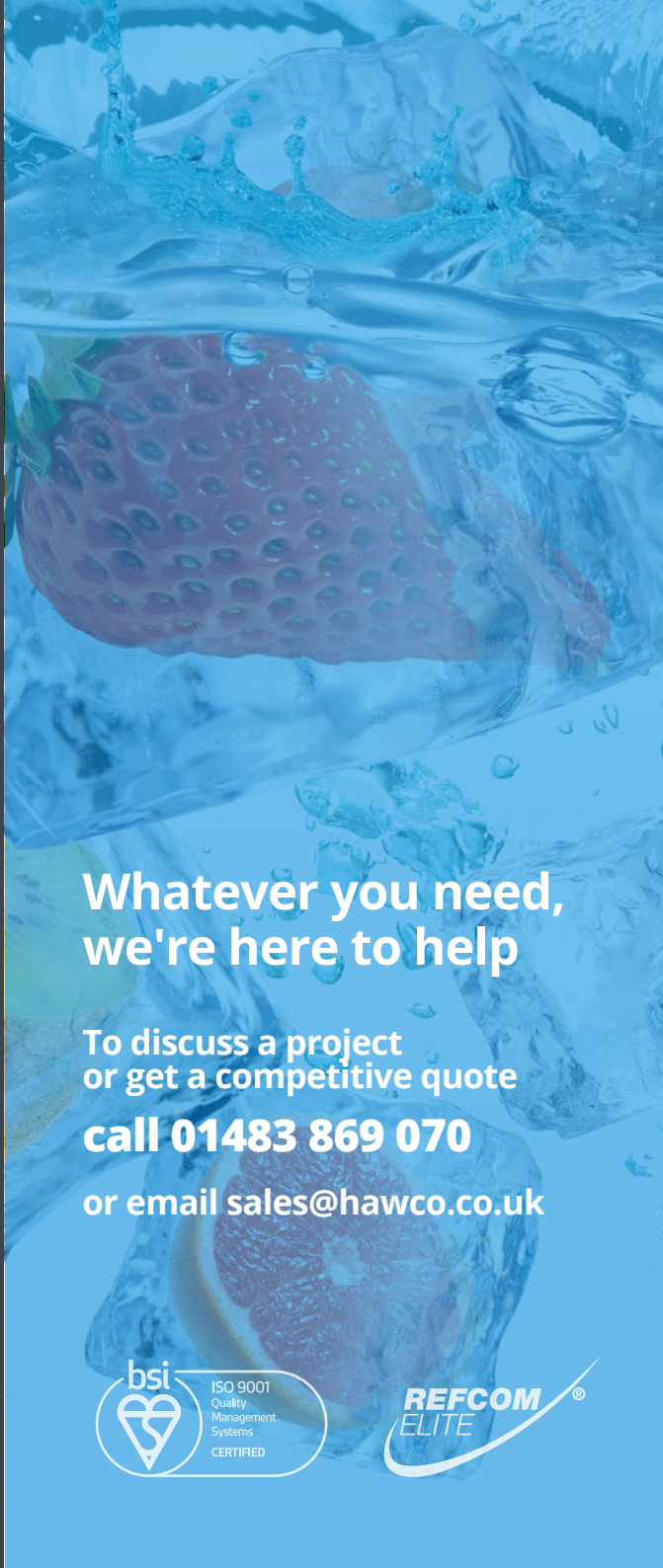


Offering you even more...

-  **EXPERT ADVICE**
to give you the best options
-  **FREE DELIVERY**
nationwide to your door
-  **FULL TECHNICAL SUPPORT**
during design and commissioning

hawco 

www.hawco.co.uk/refrigeration



Whatever you need,
we're here to help

To discuss a project
or get a competitive quote

call 01483 869 070

or email sales@hawco.co.uk



REFCOM
ELITE[®]