



PRODUCTION-READY CONDENSING UNITS

- ⊕ FULLY-DRESSED UNITS TO REDUCE ASSEMBLY TIME
- ⊕ CUSTOMISABLE MANUFACTURING OPTIONS
- ⊕ BESPOKE BUILDS AVAILABLE IN SMALL QUANTITIES
- ⊕ CHOICE OF R290, R448A/R449A, R452A AND R134A

embraco
Nidec

EXPERT ADVICE ON HOW TO CUSTOMISE AN UNHOUSED
CONDENSING UNIT TO MATCH YOUR OEM APPLICATION

hawco

Making your own fully-dressed condensing units requires in-house design expertise, increases complexity, incurs costs and occupies valuable production space.

One alternative is to **specify a complete cooling system** to your exact specifications which is built for you and **delivered ready to install** into your products with all of the line components already integrated.

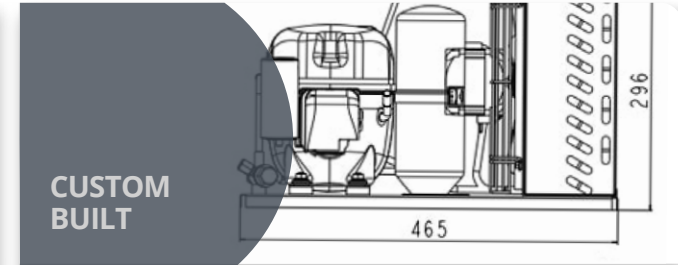
We can **help with the design** of a new refrigeration unit, including advice on physical size, cooling duty and performance to suit your application - as well as options for making a smooth **transition to R290**.



READY TO ASSEMBLE

Embraco models come in a range of standard sizes and duties up to 3.9kW

- Compressors have a wide application range despite their compact size
- Suitable for R290, R448A/R449A, R134A & R452A
- Can be supplied with liquid receiver, valves, line components & pressure controls



CUSTOM BUILT

Made-to-order condensing units available when smaller height or footprint required

- Technical advice available throughout the design process of a bespoke cooling system
- Specify exactly the right compressor, condenser and line components for your application
- A purpose-built condensing unit is quick and easy to integrate into your products



ROBUST COMPONENTS

Quality components from trusted industry brands ensure long-term reliability and performance

- Embraco units designed to withstand ambient temperature of 43°C (supertropical units 48°C)
- EcoDesign efficiency plus low noise & vibration
- Spare parts from Embraco, Danfoss & Emerson readily available for easy service replacement

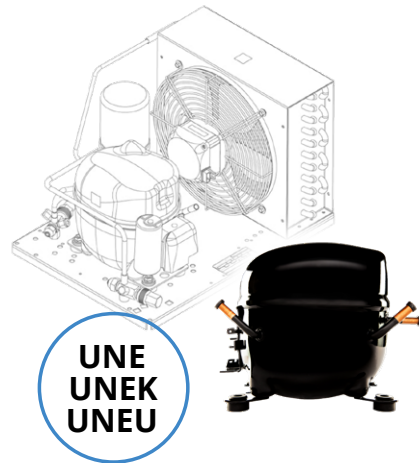
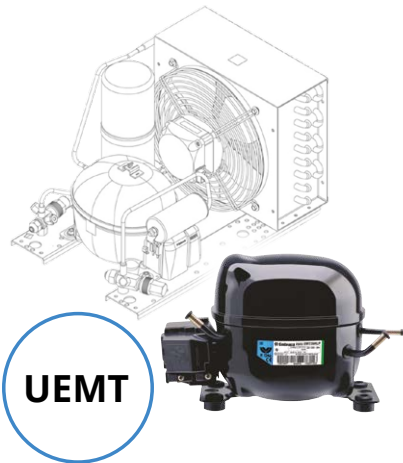


EFFICIENT PURCHASING

Supply of fully-dressed units simplifies your procurement, stock control and production

- No minimum order quantities makes it viable to deliver shorter production runs
- 15 standard LBP & HBP Embraco models with liquid receiver & valves available next-day
- Consignment stock agreements possible to cut down on warehouse space you need

Air-Cooled Condensing Units | LBP & HBP



Also available: Double-fan low height models, higher duty versions, watercooled and multiple-compressor options



We supply Counterline with condensing units for their **refrigerated display cases**. These include cabinets designed for Costa Express Grab & Go retail outlets.



For H&K International, we helped develop a refrigeration system for an **undercounter unit** in McDonalds restaurants which stores fresh ingredients during food preparation.



Our cooling systems are used in **blood bank fridges** supplied by Labcold featuring a customised design combining an Embraco compressor and LU-VE condenser.



We build condensing units for A-Cask to keep cask beer at the optimum temperature in **outdoor mobile bars**, using an Embraco unit with a low profile evaporator, valves, sight glass and pressures switches.

Fully Dressed Embraco Units : Three Customisation Options



Add your components to a bare Embraco model at your own facility



Get Embraco to pre-install line components for you



Hawco customise an Embraco model to your exact specification

Custom-Built Fully Dressed Units

We can design and build a condensing unit on your behalf, using trusted suppliers like DGB Refrigeration.

This enables you to specify a compressor, condenser and line components that are perfectly suited to your application.



15 Standard Models Most Available Next-Day

Supplied with liquid receiver and valves.



R452A HBP Also compatible with R448A/R449A

EN13215 Conditions

SERIES	HP	DISPLACEMENT	COOLING CAPACITY (W)				DIMENSION OPTIONS (WxDxH) mm	
			-10°C	-5°C	0°C	+5°C		
UEMT	1/4	4.5... 5.2	395... 477	470... 583	549... 697	631... 799	308 x 430 x 226	308 x 435 x 254
UNEK	1/2- to 3/4	7.28... 14.3	585...1205	715...1412	860... 1630	1020... 1859	340 x 465 x 296	395 x 470 x 324
UNT & UNJ	1- to 1 1/2+	17.4... 32.7	1468...2674	1729... 3099	2006... 3509	2297... 3903	395 x 470 x 324 410 x 512 x 372	404 x 485 x 372 440 x 600 x 372

R452A LBP Also compatible with R448A/R449A

EN13215 Conditions

SERIES	HP	DISPLACEMENT	COOLING CAPACITY (W)				DIMENSION OPTIONS (WxDxH) mm	
			-35°C	-30°C	-25°C	-20°C		
UEMT	1/2-	5.96	203	257	317	384	308 x 435 x 254	
UNEK	1/2+ to 3/4	8.78... 12.12	216... 322	315... 392	401... 481	476... 589	340 x 465 x 296	
UNT & UNJ	1 1/4- to 2	17.4... 34.4	453... 823	587... 1032	735... 1263	897... 1574	340 x 476 x 296 409 x 481 x 324	409 x 470 x 324

R134A HBP

EN13215 Conditions

SERIES	HP	DISPLACEMENT	COOLING CAPACITY (W)				DIMENSION OPTIONS (WxDxH) mm	
			-10°C	-5°C	0°C	+5°C		
UEMT	1/5 to 1/3	5.2... 7.69	280... 432	349... 520	431... 617	523... 722	308 x 430 x 226	308 x 435 x 254
UNEK	1/3 to 1/2+	10... 16.8	457... 762	574... 923	711... 1100	870... 1294	340 x 465 x 296	
UNT & UNJ	3/4 to 1+	20.4... 34.4	953... 1531	1171... 1896	1426... 2312	1718... 2759	395 x 470 x 324	409 x 481 x 324

R290 Models Available on Request



R290 HBP

EN13215 Conditions

SERIES	HP	DISPLACEMENT	COOLING CAPACITY (W)				DIMENSION OPTIONS (WxDxH) mm	
			-10°C	-5°C	0°C	+5°C		
UEMT	1/4	4.5... 5.2	400... 464	470... 533	540... 619	623... 727	308 x 430 x 226	
UNEK	1/3 to 1/3+	7.28... 12.12	509... 741	601... 869	695... 1031	791... 1212	339 x 467 x 296	
UNT	1/2+ to 3/4	14.5... 20.4	821... 1388	1016... 1643	1248... 1920	1521... 2219	395 x 470 x 324	

Full technical data available at www.hawco.co.uk

Contact us to discuss all other options including: customised models, other refrigerants, watercooled and multi-compressor types, low height models, higher duty versions plus any bespoke units

GOT A PROJECT IN MIND? WE CAN HELP

Hawco is an international distributor of components for refrigeration and temperature control, with access to 26,000 parts from over 250 quality manufacturers and over 40 years' experience.

We advise OEMs across Europe and worldwide on the selection of their specialist items. Using our technical expertise, we help our customers cut production times, reduce costs and improve environmental performance.



REQUEST A TEST SAMPLE FOR YOUR PRODUCT DESIGN



ARRANGE A MEETING WITH A TECHNICAL EXPERT



SEND US YOUR PROJECT SCOPE



TO DISCUSS YOUR NEXT PROJECT,
TALK TO OUR EXPERT TEAM

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