

PROFROID

Quiet & Environmentally
Sustainable CO² Condensing Units



In stock at
FSW
branches

NEW



Profroid - refrigeration and air conditioning

Packaged transcritical CO2 technology now available for applications from 1-10kw at FSW.

Quiet and environmentally sustainable CO2 condensing units.

The price of high GWP refrigerants are ever increasing, and the impact the F-GAS regulations are having on the industry are causing a demand for lower GWP refrigerants, which is why FSW now stock the PROFROID QuietCo2ol Transcritical

range of CO2 packaged units which have a GWP of 1 and no F-GAS restrictions.

If you're looking for a long term condensing unit solution to suit your commercial refrigeration requirements, FSW has the solution for you.

Assistance and training from our specialist team

Our technical team specialising in CO2 offer a FREE design and quotation service

We are happy to answer any questions you have concerning the installation, servicing, charging and handling of CO2.

We offer CO2 training courses tailored specifically to our range of Profroid condensing units covering installation, commissioning and servicing.

For details on CO2 training courses please contact your local FSW branch.



Benefits of QuietCO2OL

Profroid's new QuietCO2OL packaged condensing units are an innovative and flexible solution aimed at helping small and medium businesses reduce their carbon footprint.

With FSW's expert technical training and specific training, you will be capable and confident in installing and servicing the new range of CO2 equipment available from us.

The range is available in four different sizes, consisting of low and medium temperature options, that can be easily connected to multiple evaporators- optimising serviceability and giving easy access to all components.

The units use environmentally sustainable CO2 natural refrigerant, that emits no additional greenhouse gases, and is not affected by EU F-gas regulations. The unit's low vibration transmission also results in a low noise level, measuring as low as 37dB(A) at 10 metres.

These high quality units include everything you expect in a packaged condensing unit with easy access to all components including:

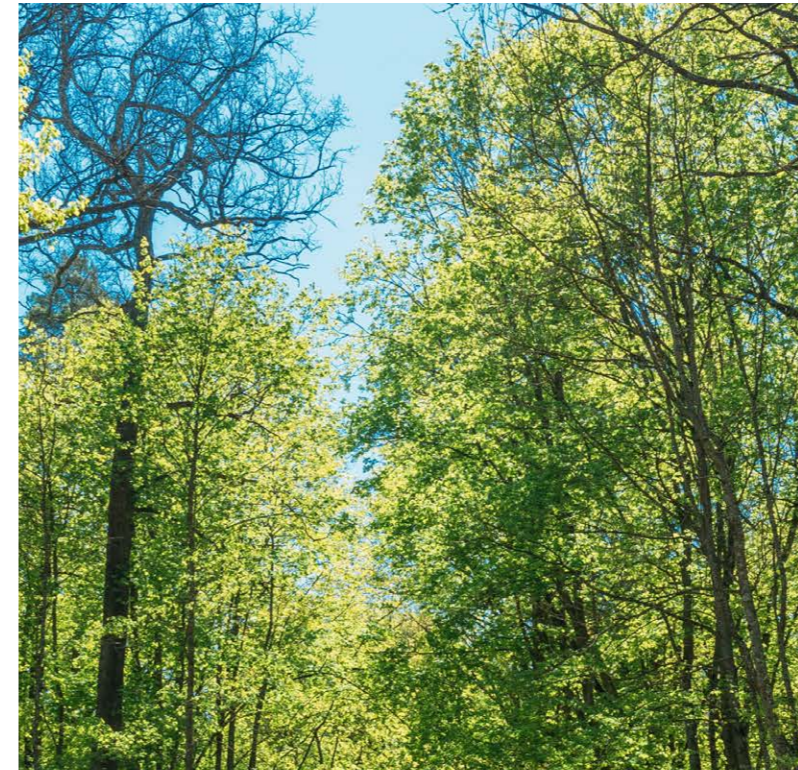
- Hermetic compressor
- Integrated electrical control panel with controller
- Integrated gas cooler and medium pressure receiver
- Water cooled version
- Removable side panels for easy maintenance access
- Polar kit version available (EC fan + electrical panel heater)
- Carel controller
- Fitted service valves

Instock
at FSW
branches



QuietCOOL

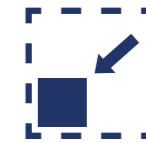
Features include



Single temperature range



Low noise level



Small compact size for outdoor application



CO2 has a GWP of 1 and no F-Gas restrictions



Eco design compliant



Weatherproof housing

Various applications



Convenience stores



Cold rooms



Freezers



Restaurants



Petrol stations



Dairy cabinets



Comprehensive capacity range for low & medium temperatures

Medium Temperature

	QuietCO ₂ OL 30MT	QuietCO ₂ OL 50MT	QuietCO ₂ OL 67MT	QuietCO ₂ OL 100MT
Refrigerant	CO ₂ (R744)			
Size	1	1	1	2
Nominal capacity (kW)*	2,1	3,2	4,7	6,4
Minimum capacity (kW)*	0,8	1,4	1,7	2,3
Maximum capacity (kW)*	3,0	4,5	6,7	9,1
Design service	120/80/80			

Nominal capacities with CO₂: saturated suction temperature -8°C / ambient air temperature +30°C

Low Temperature

	QuietCO ₂ OL 75LT	QuietCO ₂ OL 167LT
Refrigerant	CO ₂ (R744)	
Size	3	4
Nominal capacity (kW)*	2,0	4,5
Minimum capacity (kW)*	0,7	1,8
Maximum capacity (kW)*	2,9	6,4

Nominal capacities with CO₂: saturated suction temperature -32°C / ambient air temperature +30°C



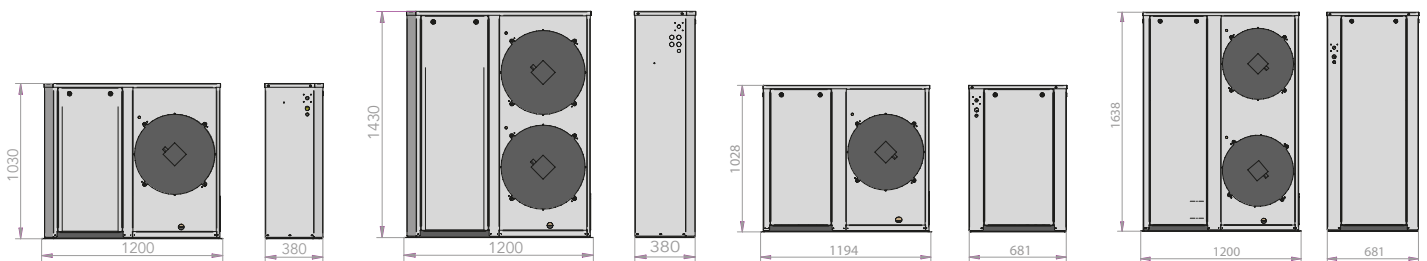
Four different sizes available

QuietCO₂OL 30MT / 50MT / 67MT

QuietCO₂OL 100MT

QuietCO₂OL 75LT

QuietCO₂OL 167LT



Size 1

Size 2

Size 3

Size 4



www.fridgespareswholesale.ie

Our Branches

Where you need us - when you need us

Belfast

Unit 6
Hawthorn Business Centre
Wildflower Way
Boucher Road
BT12 6TA

Tel: +44 (0)28 9066 5999

Cork

Unit 15
Southside Industrial Estate
Togher
Co Cork
T12 D659

Tel: +353 21 431 7645

Dublin (West)

Unit 1
Ballymount Drive
Ballymount Industrial Estate
Dublin 12
D12 XC7H

Tel: +353 1 450 7514

Dublin HQ (Glasnevin)

Unit 15
Blackwater Road
Glasnevin, Dublin
Dublin 11
D11 YK26

Tel: +353 1 830 3466