

THE LORD **NATURAL** REFRIGERANT COMPATIBLE GREEN ADVANTAGE



LORDAN
BEYOND THERMAL
ENGINEERING

NATURAL REFRIGERANTS COMPATIBLE

Lordan Lord-Five coil pattern is a natural and cost saving solution. The small inner diameter of the 5mm tube reduces the amount of refrigerant by more than half compared to larger tube diameters, allowing the use of flammable refrigerant systems.

**SAME CAPACITY WITH UP TO 60%
REDUCTION IN REFRIGERANT**

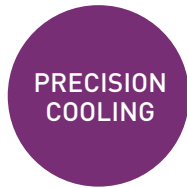
Following 2016 Kigali amendment to the Montreal protocol that set the path to major reduction in the use of hydrofluorocarbons (HFC's) refrigerants, there is a renewed interest in the natural refrigerants that are environmentally friendly and efficient. Flammability and explosion are inherent attributes of these refrigerants and are a big concern to manufactures and legislators that are looking for a solution to the use of these refrigerants. Lordan Lord-Five is an excellent product to reduce these problems to acceptable levels.

DEALING WITH HIGH PRESSURE CO₂

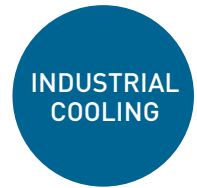
Lordan unique Lord-Five coil was designed and calculated by Lordan engineers aiming to provide the best performance in its field. This specially designed pattern together with natural refrigerants provides the best performance in its field.



Automotive Condensers
Trucks
Refrigerated Containers
Marine Condensers & Evaporators
Heavy Mining Equipment



Electronic & Computer Components
Military Sensitive Technology



Refrigeration Unites
Heat Pumps

When dealing with CO₂, the Lord-Five is the best option in terms of cost/performance. Thick 5mm tube was specially developed to withstand the high pressure of CO₂ while providing excellent performance at a low cost and maintaining the strict safety requirements of EN 378-2. Thick manifold tubes, tightly controlled manufacturing process and high pressure leak and safety strength test ensure that the coil will perform perfectly even at the high pressure of CO₂ systems.

Whether it's new Natural refrigerant system or replacement for an old HFC, Lordan's unique Lord-Five coil pattern is the best solution in terms of cost/performance.

STANDARDS



ISO 9001:2015



ISO 14001:2015



UL 207 safety standard

EN 378:2016

Burst pressure per
EN378-2 Art. 5.3.2.2



LORDAN'S FINNED COILS ARE MANUFACTURED IN FULLY COMPLIANT* PRODUCTION FACILITIES SUITED TO SINGLE AND LARGE SERIES PRODUCTION. ITS 12,000 SQUARE METER PLANT CAN PRODUCE OVER 2,000 DIFFERENT DESIGNS A YEAR. AS PART OF ITS QUALITY ASSURANCE, THE COMPANY PERFORMS STANDARD ROUTINE HELIUM LEAK TESTS, BEST AT DETECTING THE SMALLEST LEAKS.

TO BEST SERVE ITS LARGE GLOBAL CUSTOMER BASE, LORDAN OPERATES A SOPHISTICATED VENDOR MANAGED INVENTORY (VMI) SYSTEM, AND HAS LOCAL REPRESENTATION AND WAREHOUSES IN EUROPE, THE US, AUSTRALIA AND ASIA. THE COMPANY'S PRODUCTION BASES ARE LOCATED IN ISRAEL'S GALILEE REGION AND IN WALES, UK.

*Lordan holds ISO 9001-2008, ISO-14001 certification and has been UL certified for all standard refrigerants to the UL207 heat exchanger pressure standard since 1999.



REDUCED REFRIGERANTS



VOLUME SAVING



ENERGY SAVING



RECYCLED MATERIALS



ROHS



REDUCED CO₂ FOOTPRINT



LOW MAINTENANCE



REDUCED WEIGHT



BUILT TO LAST

Israel - Headquarters

LORDAN (A.C.S.) Ltd.
 service@lordan.co.il
 Phone: +972 (0)4 690 7506
 Fax: +972 (0)4 690 7138

United Kingdom

LORDAN (UK) Ltd.
 stuart@lordan-uk.com
 Phone: +44 (0)1443 812222
 Fax: +44 (0)1443 812312

Europe

Lordan (Europe) Ltd.
 Shimshon Avrahami
 Shimshona@lordan.co.il
 Phone: +972-4-690-7140
 Mobile: +972-50-3109227

North America & Spain

Lordan (A.C.S.) Ltd.
 Roni Wasserman
 roniw@lordan.co.il
 Phone: +353 91 897 769
 Mobile: +353 87051 5946

Australia

Lordan (A.C.S.) Ltd.
 Shimshon Avrahami
 Shimshona@lordan.co.il
 Phone: +972-4-690-7140
 Mobile: +972-50-3109227

WWW.LORDAN-COILS.COM