

# THE **Lord FiVe**™ COMPACT ADVANTAGE



**LORDAN**  
BEYOND THERMAL  
ENGINEERING

# SMALL SIZE, BIG ADVANTAGES



When Lordan launched its advanced Triple 7<sup>®</sup> coil pattern over a decade ago, it distinguished itself as a leading developer of advanced fin and tube technology. The debut of Lord FiVe™ marks the company as a global specialist.

Lord FiVe is a compact, lightweight coil pattern with a 5 mm diameter tube – the smallest and most advanced coil on the market today.

## COMPACT ADVANTAGE

Fin and tube technology must match the pace of modern innovation, which emphasizes economization, by avoiding waste and reducing expenditures. Lordan watches your bottom line while maintaining its responsibility to the environment, and is always searching for optimal solutions requiring minimum raw materials.

The compact Lord FiVe™, with its 5 mm tubes and dense pattern measuring 19.05x12.70 (3/4"x1/2"), is the key to its exceptional performance and efficiency, offering you a five-fold advantage.

## FIVE-FOLD ADVANTAGES

The high capacity Lord FiVe™ is the first of its type to be introduced to the HVAC industry. With its ultimate new size and unsurpassed performance, the advantages it passes onto you are fivefold.

Lord FiVe saves you:

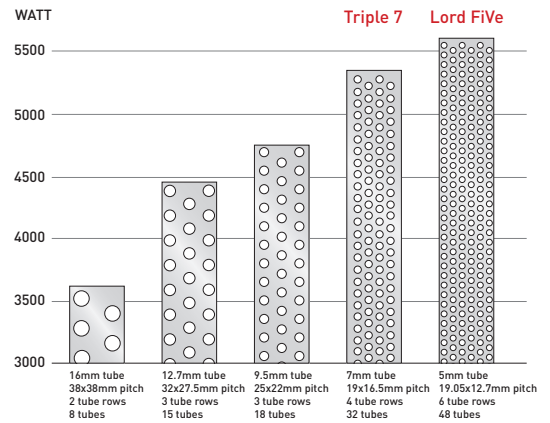
- **Space:** Can fit into almost any small area
- **Weight:** Lightest coil currently available
- **Refrigerant:** Requires low amounts
- **Cost:** Saves on operating expenses
- **Environment:** Conserves raw materials and energy

## COIL MATERIALS & SHAPE OPTIONS

- Copper
- Aluminum
- Round Shape
- Single Bend
- Double Bends
- Triple Bends

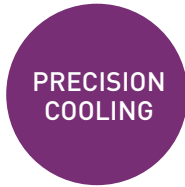
# LORD FIVE™ APPLICATIONS

THE UNIQUE ADVANTAGE OF THE HIGH PERFORMING LORD FIVE™ COIL IS ITS COMPACTNESS ALLOWING IT TO FIT INTO SMALL AREAS WHILE PROVIDING HIGH HEATING AND COOLING OUTPUTS. THE COIL IS SUITABLE WITH REFRIGERANT APPLICATIONS AND CAN BE CUSTOMIZED TO OPERATE WITH A RANGE OF SPECIALIZED HEAVY DUTY, PRECISION COOLING OR INDUSTRIAL COOLING (GAS COILS) APPLICATIONS.



**HEAVY DUTY**

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



**PRECISION COOLING**

Electronic & Computer Components  
MRI  
CAT Scans  
Military Sensitive Technology



**INDUSTRIAL COOLING**

Refrigeration Unites  
Heat Pumps

# LORD FIVE™ OUTDOOR COILS – LASTING PERFORMANCE GUARANTEE

Lordan's Lord FiVe™ coil technology provides superior DX evaporator coil performance:

- 5 mm coils are much lighter compared with the 3/8 pattern, making it an ideal solution for automotive industry.
- 5 mm coils are leaner as compared with 3/8 pattern, facilitating significantly smaller housings and less ice build-up.
- Saves on raw materials as compared with 3/8 pattern.
- Conserves energy output, surpassing immediate and long term targets
- Fin densities with or without special coatings are produced to suit any climate.
- Available in all fin sizes.



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 CO<sub>2</sub> FOOTPRINT



LOW MAINTENANCE



REDUCED WEIGHT



BUILT TO LAST

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