

THE **Triple 7**® EQUILATERAL ADVANTAGE



WEATHERING
EXTREME
CONDITIONS



LORDAN
BEYOND THERMAL
ENGINEERING

TRIPLE 7[®] APPLICATIONS

THE HIGH CAPACITY TRIPLE 7[®] COIL IS SUITABLE WITH ANY TYPE OF FLUID AND CAN BE CUSTOMIZED TO A RANGE OF SPECIALIZED HEAVY DUTY, PRECISION COOLING OR INDUSTRIAL COOLING APPLICATIONS.



TRIPLE 7[®] OUTDOOR COILS – LASTING PERFORMANCE GUARANTEE

Lordan's Triple 7[®] coil technology provides superior DX evaporator coil performance:

- 7 mm tubing cuts refrigerant costs by up to 40%.
- Coils are 26% leaner, facilitating smaller housings and less ice build-up.
- Fin densities (from 6-18 fins per inch) with or without special coatings are produced to suit any climate.
- Available in all fin sizes.

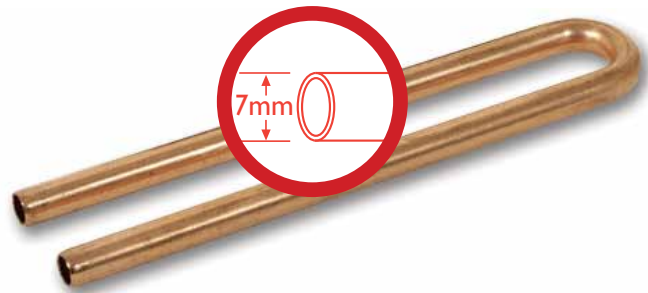
TRIPLE 7[®] - THE EQUILATERAL ADVANTAGE

Since 1958 Lordan has been specializing in designing fin and tube coils for the HVAC&R markets.

The Triple 7[®] was developed and introduced to the market in response to evolving demands of the high technology sectors and in the midst of changing regulations and standards growing out of environmental concerns.

The Triple 7 is an exceptionally high capacity coil pattern with high airflow in one of the smallest possible tube diameters on the market today for finned coils. It is well suited for specialized applications where volume and weight can be critical. The Triple 7's small size and weight takes less refrigerant, making it a cost-effective and environmentally friendly choice.

Triple 7[®] owes its name to its 7mm tube length, tube diameter, equilateral tube arrangement, and optimal ratio between tube diameter and tube distance.



Tube diameter: 7mm=0.2756"
Pattern: 19.05x16.51 (3/4"x0.65")
The smaller the tube diameter, the greater amount of tubes in a fin cross-section.
Equilateral tube arrangement:
equal distances between each tube and its six adjacent tubes.
The equilateral pitch allows heat to travel at the shortest possible distance from fins to tube.
As a result, the equilateral pitch produces the highest fin efficiency.



BENEFITS OF THE TRIPLE 7[®]

- Occupies less volume than any other coil
- Is lightweight
- Uses reduced refrigerant
- Cost-effective
- Environmentally friendly

COIL MATERIALS & SHAPE OPTIONS

- All Aluminum
- Stainless Steel
- Round Shape
- Single Bend
- Double Bends
- Triple Bends

**HEAVY
DUTY**

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

**PRECISION
COOLING**

Laser
MRI & CAT Scans
Electronic & Computer Components
Military Sensitive Technology
Clean Room HVAC Systems
Data Center HVAC Systems

**INDUSTRIAL
COOLING**

Ceiling Induction Coolers & Heaters
Rooftop Chillers
Refrigeration Unites
Chill Beams
Heat Pumps
Cooling Towers

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 WHALES.

*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



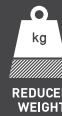
ROHS



REDUCED CO₂
FOOTPRINT



LOW
MAINTENANCE



REDUCED
WEIGHT



BUILT TO
LAST

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