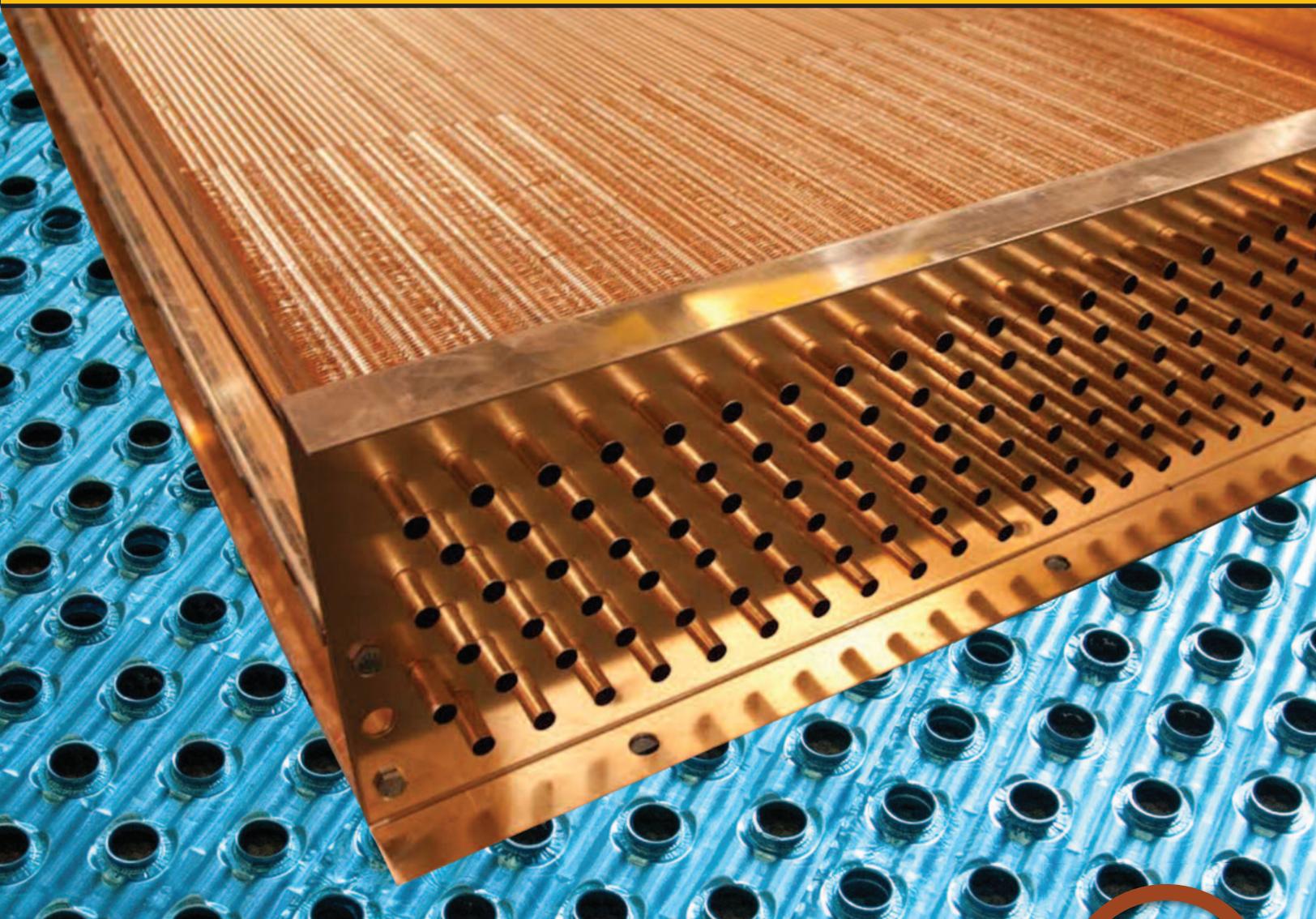




# INNOVATIVE HEAT TRANSFER PRODUCTS



## OEM / CUSTOM / REPLACEMENT MARKET

Our state-of-the-art manufacturing facility, combined with our innovative engineering team, are geared to provide a solution to suit your needs.

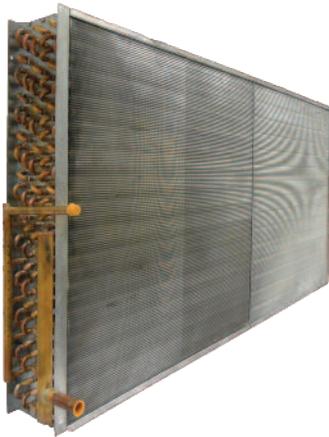


# CUSTOM DESIGN



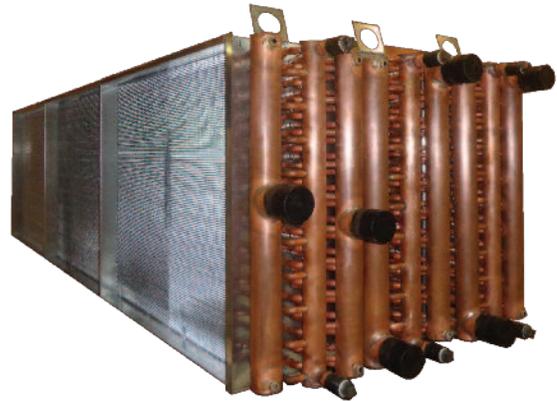
## DIRECT EXPANSION COILS

Direct expansion evaporator coils are engineered and designed to deliver maximum heat transfer efficiency under a wide range of operating conditions. We can offer a variety of circuiting of coils, including interlaced row/face split, to meet the performance requirements of various applications.



## CONDENSER COILS

Condenser coils are designed to withstand the high pressure and temperature associated with refrigerant condensing. Various fin and tube combinations provide design flexibility. Wider fin spacing is also available to minimize dirt and dust build-up. Optional corrosion-resistant materials and protective coatings help increase the service life of the coil.



## WATER COILS

Water coils are designed for comfort cooling and heating applications. They are extensively tested and properly sized using our proprietary software. For replacement coils, or those needing to fit specific dimensions, our wide range of coil and tube sizes, fin spacing, and coil connection orientations allow for a drop-in coil fit. Optional coating applied to coils or pre-coated fin stock can be offered to increase service life of coil under corrosive environments.



## CUSTOM DESIGNED COILS

The latest technology is used to design coils for custom applications. We can offer custom coils in various tubing materials, such as cupro-nickel, stainless steel and aluminum tubing. Using computerized coil selection software and advanced 3D CAD software we can offer replacement and retrofit virtually any size coil.

# VED SOLUTIONS

## COMPUTERIZED COIL SELECTION

### AHRI certified coil software for selection or rating performance

The program provides optimized designs for air cooling, dehumidifying and heating coils using chilled and hot water, ethylene and propylene glycol, evaporating and condensing refrigerants.



Condensing Steam Coils

## PROUD TO BE PROVIDING HEAT TRANSFER / COMFORT SOLUTIONS AT THESE FINE ESTABLISHMENTS



## FLUID COOLERS AND CONDENSERS

Direct Coil provides an impressive, full line of air cooled dry coolers with a high thermal capacity and space-saving construction. Product ranges from 60 to 400 nominal tonnes. These dry coolers can be used in commercial and industrial processes to provide heat rejection cooling and free cooling. They can also be used to cool water, glycol, or other fluids.

They are highly efficient, due to a precise combination of heat exchangers and high quality German reverse rotor fan motors. The design of the fan shroud eliminates air recirculation and reduces noise level. Every fan is fully compartmented to avoid air recirculation when shut down. The fan motors have a lifetime lubrication with overheat

protection incorporated. The leads are wired to a weatherproof Nema 4 electrical enclosure for single-point field wiring.

These coolers can be customized to suit any need, with a wide range of optional features available, including fluid temperature sensing controls with contactors and motor short circuit protections and mounted, non-fused disconnect switches, and low RPM motors and EC motors for additional noise reduction and increased energy efficiency. Optional coil coatings and cabinet protection can also be provided for corrosive environment locations.

**Please consult our sales team for your specific application.**



**A SINGLE SOURCE FOR ALL YOUR COIL NEEDS AND CUSTOM ENGINEERED HEAT TRANSFER PRODUCTS**



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