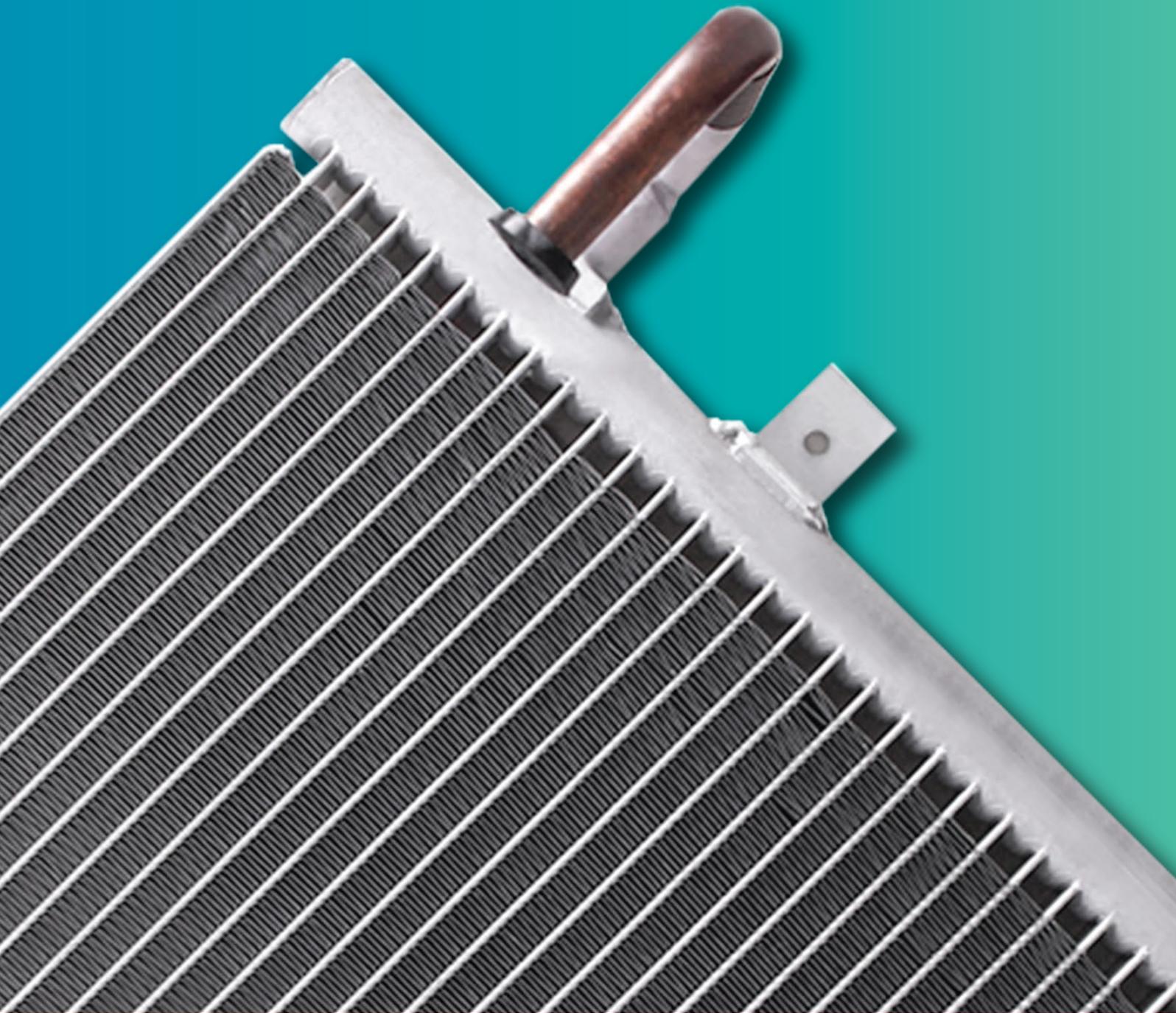




# DOLPHIN MICRO CHANNEL HEAT EXCHANGERS



# MICRO-CHANNEL HEAT EXCHANGERS

*We manufacture Micro-Channel Replacement coils compatible with Carrier, York, Daikin, and other chiller models.*

Our Micro-Channel heat exchangers are designed to deliver exceptional efficiency and performance.

## Advantages of Micro-Channel Technology:

- **Energy-Efficient Design:** Reduced internal tube diameter decreases refrigerant charge, minimizing refrigerant usage, environmental impact, and operational costs.
- **High Heat Transfer Efficiency:** Micro-Channel's tiny refrigerant channels create turbulent flow, enhancing heat transfer and increasing primary surface area for optimal performance.
- **Single Metal Concept:** Constructed from a single metal, Micro-Channel technology eliminates electrochemical potential differences, extending product lifespan.
- **Superior Durability:** A brazed metallurgical bond maximizes surface contact, enhancing durability compared to mechanically bonded alternatives.
- **Compact and Lightweight:** Aluminum's low density and cost-effectiveness allow for a lighter heat exchanger, ideal for weight-sensitive applications.

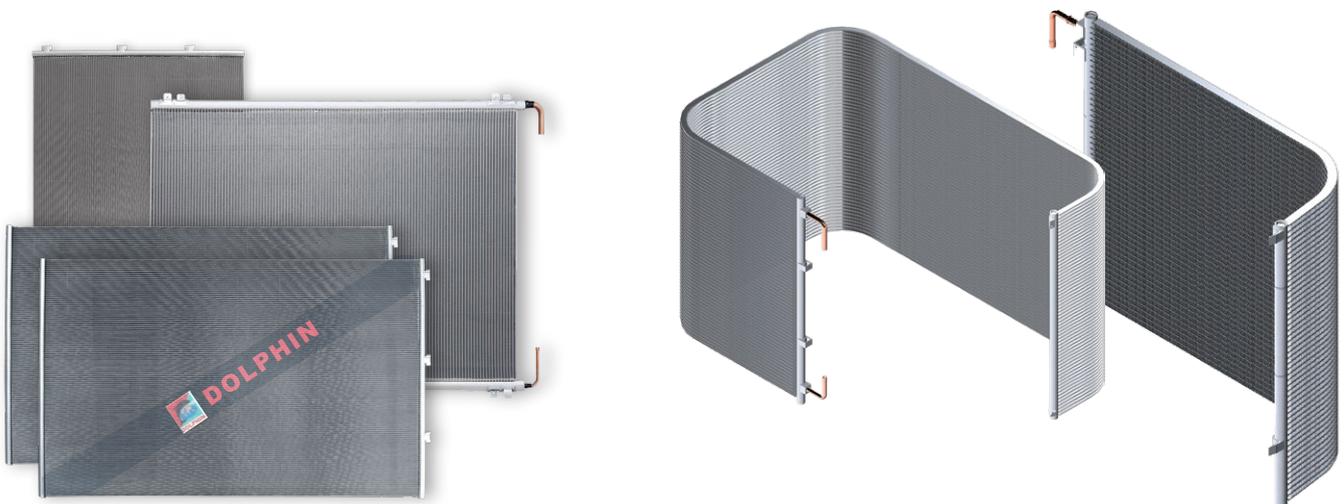
## Key Features:

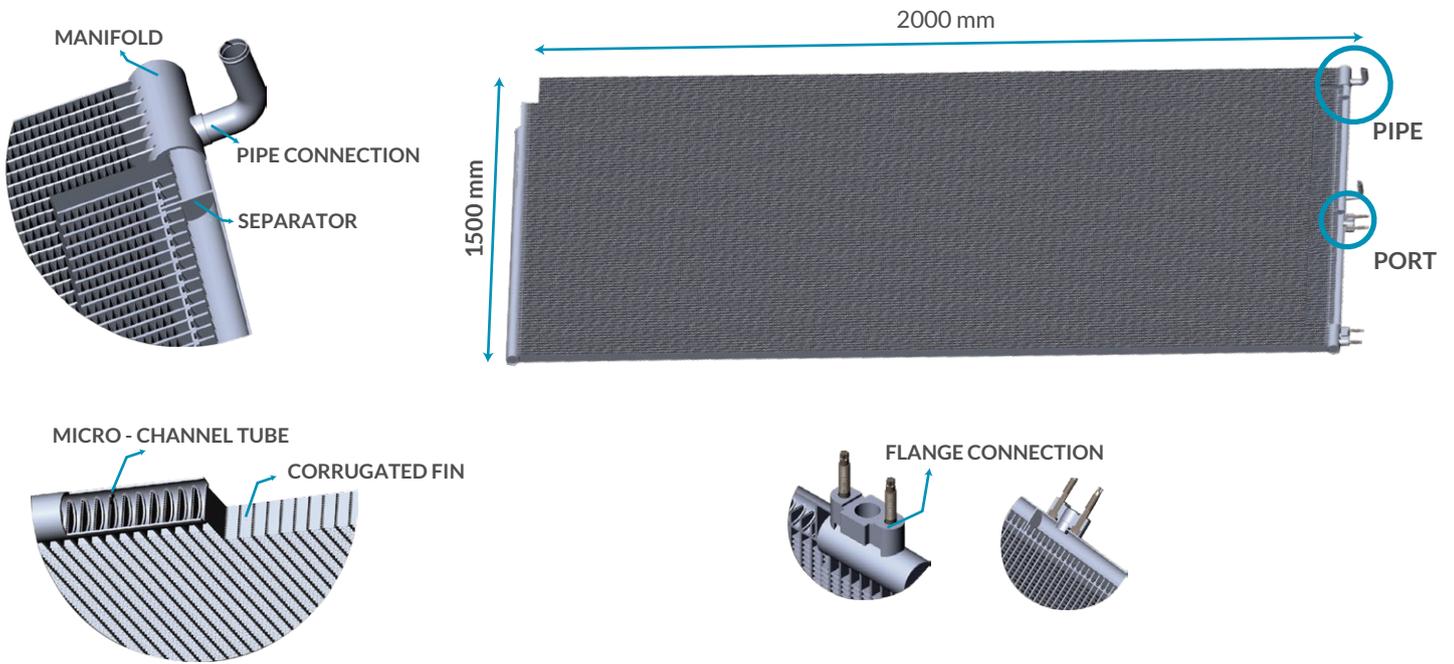
Complete in-house design and manufacturing  
Customizable to specific requirements  
Anti-corrosive coating for durability  
Reduced refrigerant use, eco-friendly operation



## Applications:

Suitable for Condensers, Evaporators, Heating Coils, Industrial Coils & other special HVAC Applications

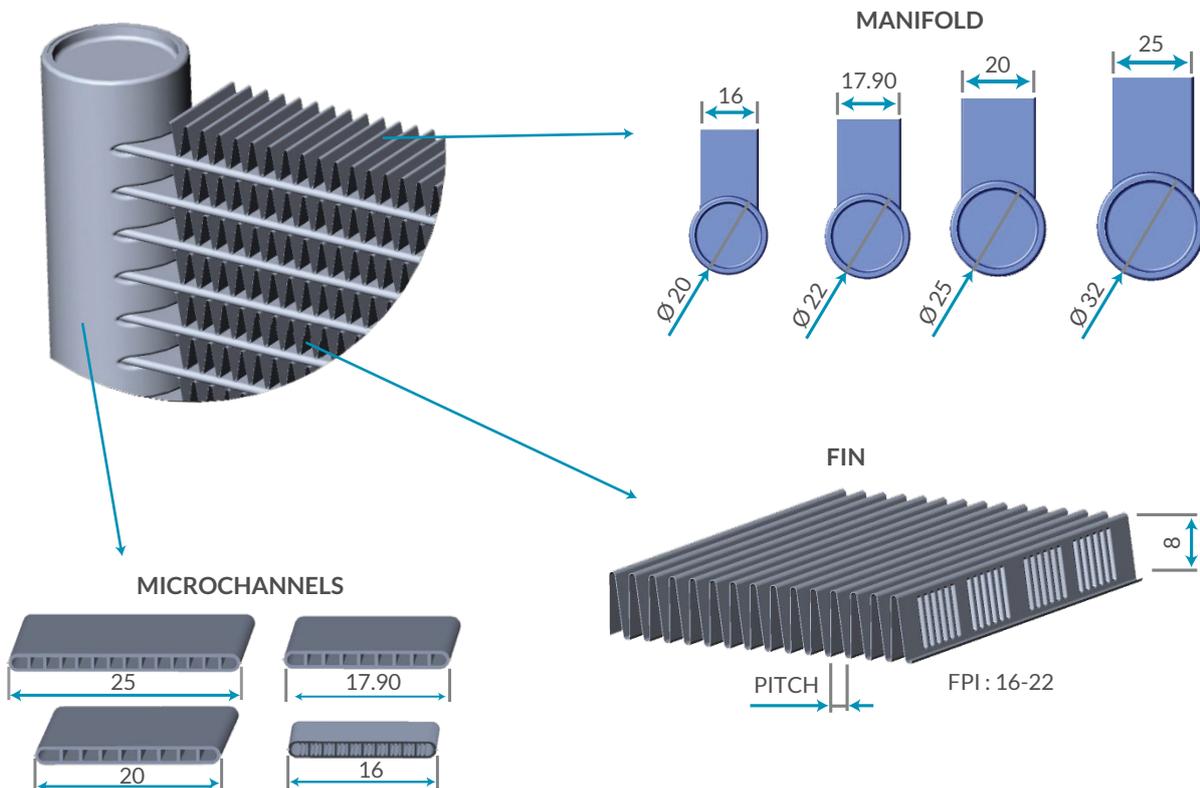




## Available major components for MCHX condensers

Sizes in mm

|   |                    |          |            |        |        |
|---|--------------------|----------|------------|--------|--------|
| 1 | Tube size          | 16 x 1.8 | 17.9 x 1.8 | 20 x 2 | 25 x 2 |
| 2 | Tube pitch         | 9.8      | 9.8        | 10     | 10     |
| 3 | Fin height(Louver) | 8        | 8          | 8      | 8      |
| 4 | Manifold           | Ø 20     | Ø 22       | Ø 25   | Ø 32   |



## CONTACT US

### Global network at your service

Our international sales team is at your service and provides you with customized engineered solutions leveraging our extensive experience & advanced R&D capabilities.

## 80+ Global Customer Base



#### Dolphin Manufacturing LLC

Ajman Industrial 1  
P.O.Box 20678, Ajman, UAE  
**Phone:** +971-6-7032999  
**Fax:** +971-6-7032929  
**Email:** [info@dolrad.ae](mailto:info@dolrad.ae)  
**Website:** [www.dolphinml.com](http://www.dolphinml.com)

#### Dolphin Heat Exchanger USA

1176, 113th Street Grand  
Prairie, Texas 75050  
**Phone:** +1 (844) 536-5744  
**Email:** [info@dolphinradiator.com](mailto:info@dolphinradiator.com)  
**Website:** [info@dolphinradiator.com](http://info@dolphinradiator.com)