

# YORK® fluid-to-air microchannel heat exchangers

YORK® microchannel heat exchangers (MCHXs) have been carefully designed and tested for the unique conditions a building's HVAC system will experience. The advantages of this technology combined with coating options for corrosive environments – available with a 5-year warranty – make it the preferred choice.

## Microchannel design

YORK® MCHXs use parallel flow aluminum alloy tubes, metallurgically brazed to enhanced aluminum alloy fins. The proprietary aluminum alloys used are carefully selected – the result of rigorous laboratory testing, field trials and thousands of installations in the most severe climate conditions around the globe. The MCHX is easy to clean and designed to lower the complexity and cost of routine maintenance.



*Easy to maintain – only water and a hose required to clean the coils.*

## Advantages:



### Performance

- Improved heat transfer properties
- Reduced air-side pressure drop



### Sustainability

- Smaller size, lower weight and reduced carbon footprint
- Up to 50% reduced refrigerant charge



### Reliability

- Improved mechanical durability
- Easier to clean and maintain



## Protection from harsh environments with an industry-leading warranty

Environment Guard and Environment Guard Premium are designed to protect the microchannel heat exchangers from the harshest environments. Exceptionally flexible and durable, these coatings are designed to protect the coil with no impact on thermal performance.

These coatings, when applied during the manufacturing process, provide increased reliability in harsh, corrosive environments, and allow for a complete and uniform coating over the entire heat exchanger exterior surface for a superior resistance to industrial, coastal and other challenging environments.

### 5-year warranty against corrosion

An industry-best 5-year warranty against corrosion is available with all microchannel heat exchangers coated in the factory, protecting your investment and reducing your total cost of ownership.

**ONLY FROM YORK®**

Ready to learn more about the microchannel heat exchangers from YORK®?  
**Contact your local sales office for an MCHX application guide or visit [YORK.com](http://YORK.com).**

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