

The MCC Microchannel Advantages

Facts you need to know

EFFICIENT, DURABLE, AND CUSTOMIZABLE

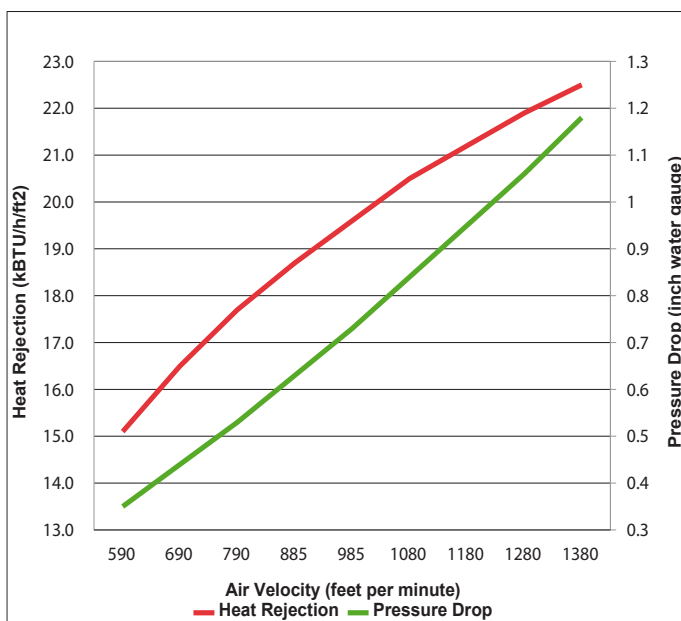
Coils designed to your application.

Whether it's On Road, Off Road or Compact vehicles we have options tailored to each application. MCC can adjust the height, width, fin density, material thickness, and fin type to ensure optimized coil for the application. Plus we have a wide variety of fitting and mounting options.

Louvered Fin

BEST SOLUTION FOR ON ROAD VEHICLES

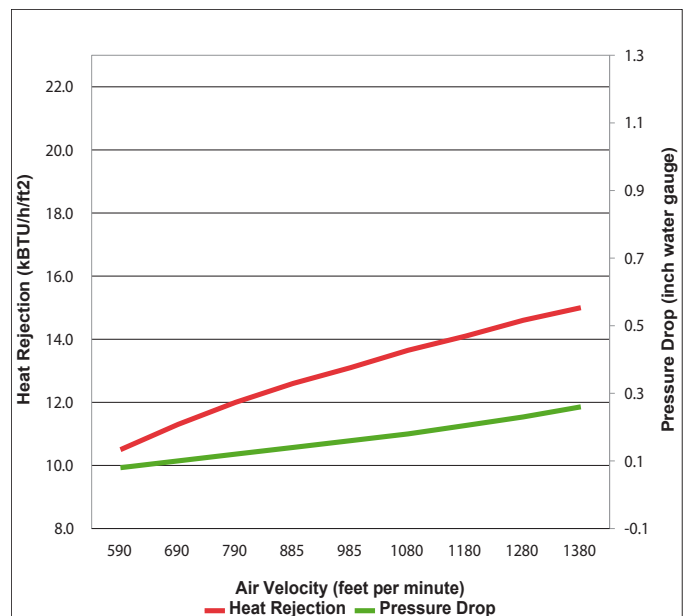
- Louvered fins provide the optimal solution for cooling capacity under high load On Road conditions
- Aluminum coils provide the best capacity for the size
- Up to **60%** thicker fins than standard industry microchannel coils



Waved Fin

BEST SOLUTION FOR OFF ROAD VEHICLES

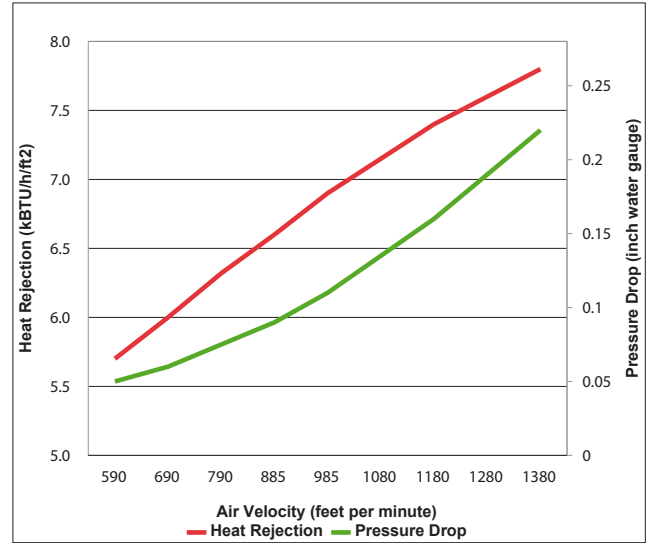
- Waved fins provide the optimal solution for cooling capacity under high load Off Road conditions
- Aluminum coils provide the best capacity for the size
- Waved fins less susceptible to clogging with dust and dirt
- Up to **300%** thicker fins than standard industry microchannel coils
- No deformation of the fins from high pressure washing



Bumped Fin

BEST SOLUTION FOR MOST EXTREME CONDITIONS

- Bumped fins provide the optimal solution for cooling capacity for most extreme conditions
- Gives a balance between air pressure drop, durability and capacity
- Ideal properties for engine cooling package mounted condensers in dusty environments
- Up to **300%** thicker fins than standard industry micro channel coils
- No deformation of the fins from high pressure washing



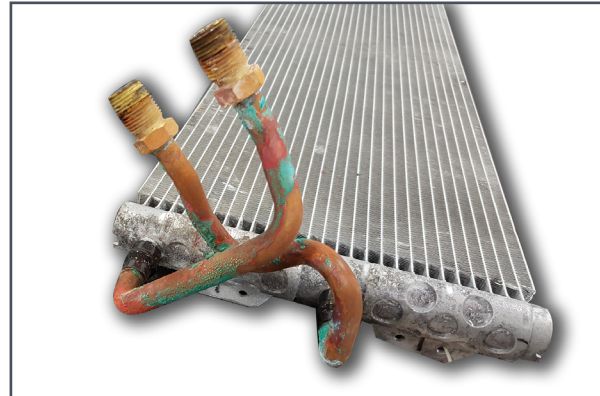
CORROSION PROTECTION

MCC's unique alloy system gives superior corrosion resistance over comparable all aluminum coils. For even more severe duty conditions optional e-coating can be applied.

Side by side corrosion testing



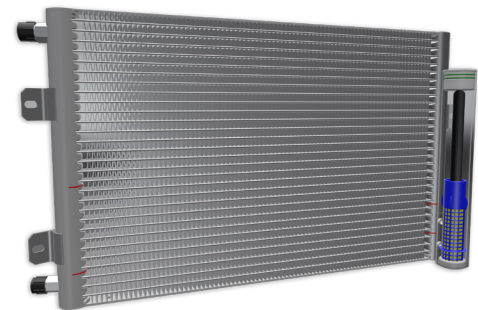
MCC coil after SWAAT* testing



Non MCC coil after SWAAT* testing

INTEGRATED RECEIVER-DRIER

MCC can provide an optional integrated receiver-drier. This provides the most compact and efficient installation on vehicles where space is a constraint. The drier is fully serviceable with a replaceable desiccant cartridge.



* SWAAT Sea Water Acetic Acid Test (ASTM G 85)