

# Sierra now offers PF technology



**COIL SIZES UP TO  
1200 x 2500 mm**

Leading thermal solutions provider Sierra S.p.A. has entered into a collaborative relationship with Modine Manufacturing Company, an American leader in the production of heat exchangers, to provide Modine's patented Parallel Flow (PF) microchannel heat exchanger technology within Europe. With 40 years of global experience in thermal management, Sierra has established an unmatched expertise of raising your comfort level by delivering proven heat exchanger solutions for use in cooling and refrigeration equipment.

Our engineers work with customers internationally to produce exceptionally reliable and durable products. You'll find Sierra-engineered components everywhere that efficient cooling or refrigeration is required, including:

- Air conditioning
- Close control units
- Heat pumps
- (Industrial) dehumidification
- Transport refrigeration
- Ventilation and AHU
- Bus A/C
- Refrigeration
- Trains A/C



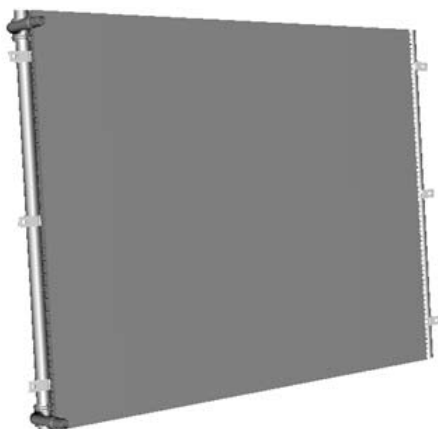
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THE NEW DIMENSION IN HEAT EXCHANGERS

# Benefits of Microchannel coils

The PF microchannel technology is now available in size up to 1200 mm X 2500 mm. At equal heat exchange capacity, this technology offers customers a variety of advantages, such as:

- Reduced depth for lower air side pressure drops (65% reduction in coil depth)
- Cabinetry cost savings from reduced face area
- Lower internal volume reduces refrigerant charge (up to -30%)
- Weight reduction of 56%
- Improved corrosion resistance
- The materials of the coil are 100% recyclable



Sierra can now combine the best of both the traditional finned block heat exchangers together with the new microchannel heat exchangers. For more information, please contact the Sierra sales department or visit our website at [WWW.SIERRA.IT](http://WWW.SIERRA.IT)

COMPANY QUALITY SYSTEM



ISO 9001 - Cert. n° 007615



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