



High Performance Microchannel Condensers

API Heat Transfer is a major supplier of all aluminum parallel flow condensers using extruded tubes. Brazed aluminum provides highly efficient, robust designs using lightweight all aluminum materials.



45%
Less Refrigerant

Compared to F&T. Significant cost savings.

29%
Smaller

Compared to F&T.

33%
Lighter

Compared to F&T.

Features

- ✓ Manufactured in the USA
- ✓ Multi-port extrusion for enhanced performance and pressure capability
- ✓ Versatile Mounting Style
- ✓ With or Without Brackets
- ✓ Convenient Sizes
- ✓ Lightweight Aluminum Construction
- ✓ Low Air Side Pressure Drop
- ✓ O-Ring Style Tube Fittings
- ✓ 2, 3 or 4 Pass Designs Available
- ✓ Customization Available Upon Request
- ✓ Furnace brazed for low leak potential compared to manually braze fin and tube

Technical

Temperature Range

-40° F to 240° F

Burst Pressure

1500 psi (1" thick core)

Capable Refrigerants

R134A, 454A, R1234yf, 407C, 410A, 454B

External Fin

14 - 20 fpi louvered (available for both depths)

Size Options

Core Depth

.71 / 1 in

Max Stack Height

34 in

Max Width

90 in header to header

Header Pipe

1 / 1.18 in

