



IMMERSION COILS

Minicoil FEP and Q-Series Heat Exchangers

Niche Minicoil Heat Exchangers made with fluorocarbon resins are used primarily in small metal finishing baths where corrosion is often a problem. The chemically inert, well-known nonstick characteristics of fluoropolymers resist corrosion and fouling, and minimize scale buildup. The inherently high electrical resistance also helps prevent short circuits and stray currents in the plating baths. Niche offers 12 Minicoil Heat Exchanger models designed specifically for plating bath applications.

Minicoils

Nominal Size (in)	Tubes per Unit	Tube O.S. Diameter	Tube Wall Thickness
12	1 or 2	0.25 in (6.4 mm)	0.025 in (0.64 mm)
15 and 18	3 or 4	0.312 in (7.9 mm)	0.025 in (0.64 mm)



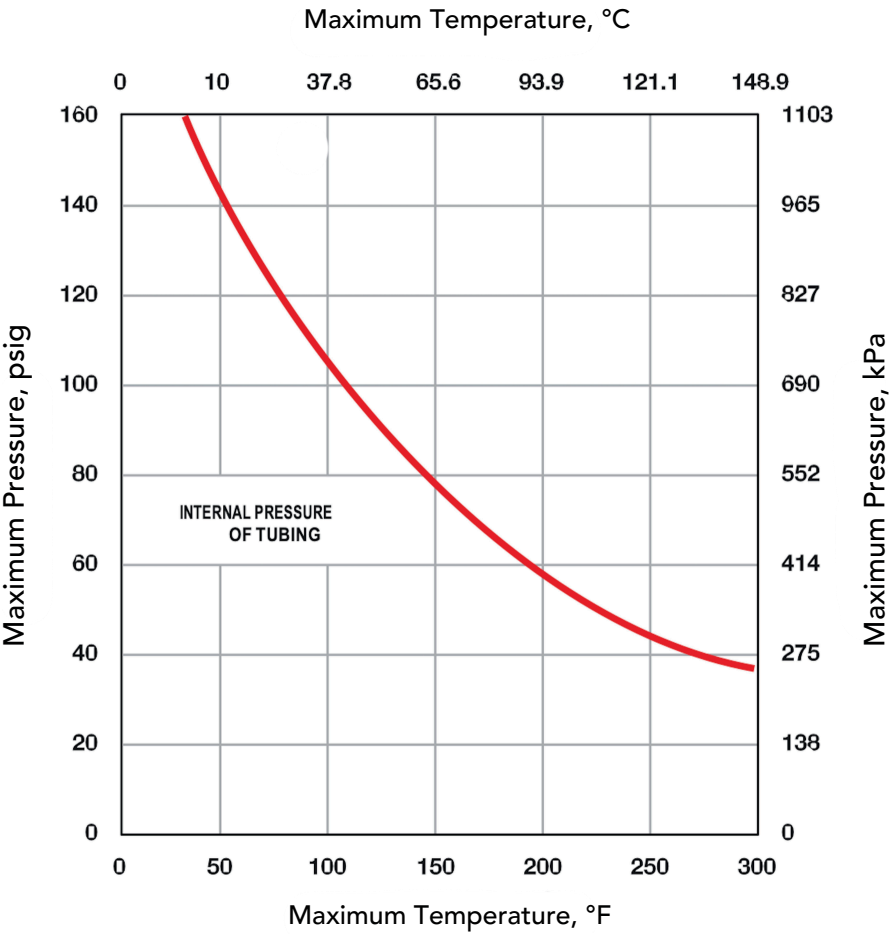
Heat Transfer Area

Size (in)	Number of Tubes	Area FT ²	Area M ²
12	1	2.1	0.195
12	2	4.2	0.39
15	3	4.5	0.42
15	4	6.0	0.56
18	3	7.5	0.70
18	4	10.0	0.93

Model Number

EXAMPLE: 12 F 1		
12	NOMINAL FRAME SIZE (actual width is 1/2" less)	12 inches
		15 inches
		18 inches
F	TUBING MATERIAL	F = FEP
		Q = Q-Tubing
		P = PFA
1	NUMBER OF TUBES PER UNIT	1 OR 2 = 12 inch models
		3 OR 4 = 15 and 18 inch models

Operation Limits



Dimensions

