

Protective Cooling Catalog

EDITION 10.2



*Air Conditioners, Heat Exchangers &
Engineered Solutions for Closed-Loop
Electronic Systems*



McLean[®]
COOLING TECHNOLOGY

*Protecting Electronics.
Exceeding Expectations.*[™]



Pentair
Technical Products

Quick Reference

Use this handy table to match your electronic cooling requirements with the most effective McLean protective cooling solution.

HOW TO SELECT

	Air Conditioners					Heat Exchangers	
	New SPECTRACOO™ Pages 20-39	GENESIS® Pages 76-101	PROAIR Pages 104-113	T-Series™ Pages 42-73	Water-Cooled Pages 116-123	PROAIR Pages 126-141	CLIMAGUARD™ Pages 144-157
SYSTEM APPLICATION							
For indoor industrial							
For harsh / corrosive environments							
For wash-down applications							
For data networking cabinets							
For outdoor enclosures							
For telecommunications shelters							
TEMPERATURE OF THE ELECTRONICS							
Cooler than outside the enclosure							
Warmer than outside the enclosure							
AIR CONDITIONER COOLING CAPACITY							
1000/2000 BTU/Hr. (300/700 Watts)							
4000/6000 BTU/Hr. (1200/1800 Watts)							
8000/12000 BTU/Hr. (2300/3500 Watts)							
20000 BTU/Hr. (5900 Watts)							
2-ton 23500 BTU/Hr. (6900 Watts)							
3-ton 42000 BTU/Hr. (12300 Watts)							
5-ton 59000 BTU/Hr. (17300 Watts)							
HEAT EXCHANGER COOLING CAPACITY							
Less than 20 Watts/°F (30 Watts/°C)							
20-60 Watts/°F (30-100 Watts/°C)							
More than 60 Watts/°F (100 Watts/°C)							
POWER INPUT							
115 & 230 AC Volt							
400/460 AC Volt 3-phase							
24 & 48 DC Volt							
MOUNTING							
Side							
Top							
Rack							
CABINET PROTECTION							
Type 12							
Type 3R							
Type 4							
Type 4X Stainless Steel							
CABINET DIMENSION							
Fits 8 in./203 mm							
Fits 12 in./305 mm							
Fits 16 in./406 mm							
Fits 20in./508 mm or larger							