

# Hoffman Cooling EasySpec Guide

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

Type of Cooling	Sealed Enclosure Cooling											Fresh Air Cooling									
	AIR CONDITIONERS							HEAT EXCHANGERS		CONDENSATE	PACKAGED AIR MOVERS			BARE AIR MOVERS							
HOFFMAN COOLING SOLUTION	SPECTRACOOL	GENESIS	PROAIR	T-SERIES	Water-Cooled	V-SERIES	Thermoelectric	Vortex Cooler	Air-to-Water Indoor	Air-to-Air Indoor	Air-to-Air Outdoor	H2OMIT	Enclosure Heater	Direct Air Cooler	Filter Fan	19" Fan Tray	19" Fan Package	19" Blower	Compact Axial Fan	Motorized Impeller	Single / Dual Blower
<b>PRODUCT AVAILABILITY</b>																					
North America	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Europe / Middle East / Africa	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓			✓	✓	
South America	✓	✓				✓	✓								✓						
Japan	✓	✓	✓	✓	✓		✓	✓		✓			✓		✓						
China	✓	✓		✓		✓							✓		✓						
India						✓															
Southeast Asia / Australia	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
<b>SYSTEM ENVIRONMENT</b>																					
Clean Indoor															✓	✓	✓	✓	✓	✓	✓
Indoor Industrial (Type 12 / IP54 / IP55)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓						
Outdoor (Type 3R / IP56)	✓		✓	✓		✓	✓			✓	✓			✓	✓						
Hose-Driven Water (Type 4 / IP65)	✓		✓	✓	✓		✓	✓			✓	✓									
Corrosive (Type 4X / Stainless Steel)	✓		✓	✓	✓		✓	✓			✓	✓									
<b>TEMPERATURE OF THE ELECTRONICS</b>																					
Cooler than outside the enclosure	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓									
Warmer than outside the enclosure										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>HEAT FROM THE ELECTRONICS</b>																					
									Cooling up to 20° Delta-T				Cooling at 10° C Delta-T								
50 – 200 Watt (150 – 300 BTU/Hr)							✓			✓	✓		✓		✓	✓			✓	✓	✓
300 – 600 Watt (1000 – 2000 BTU/Hr)		✓	✓	✓		✓		✓		✓	✓		✓	✓	✓	✓			✓	✓	✓
1000 – 2000 Watt (3500 – 6500 BTU/Hr)	✓		✓	✓	✓	✓					✓		✓	✓	✓	✓			✓	✓	✓
2500 – 3500 Watt (8000 – 12000 BTU/Hr)	✓		✓	✓	✓						✓				✓		✓	✓	✓	✓	✓
6000 Watt (20000 BTU/Hr)	✓			✓																	
7000 – 17000 Watt (24000 – 60000 BTU/Hr)				✓																	
															Filter fan should give Type 3R protection						
<b>UTILITIES AT THE INSTALLATION</b>																					
Electricity only	✓	✓	✓	✓		✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
Chilled circulated water					✓			✓							✓	✓	✓	✓	✓	✓	✓
Compressed air								✓													
<b>POWER INPUT</b>																					
115 VAC 50/60 Hz	✓	✓	✓	✓	✓			✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
230 VAC 50/60 Hz	✓	✓	✓	✓	✓			✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓
230 VAC 50 Hz						✓									✓						
400 / 460 50/60 Hz 1-phase		✓	✓	✓	✓																
400 / 460 50/60 Hz 3-phase	✓								✓						✓						
24 and 48 VDC							✓				✓	✓		✓	✓	✓			✓	✓	✓
<b>ENCLOSURE COOLING LOCATION</b>																					
Side of Enclosure	✓	✓	✓	✓	✓	✓		✓	✓	✓				✓	✓					✓	
Top of Enclosure		✓						✓							✓					✓	
19" Rack					✓											✓	✓	✓	✓		
Back Panel / Inside Cabinet												✓	✓						✓	✓	✓
<b>AGENCY CERTIFICATION</b>																					
UL / cUL	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓									
UR		✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
CSA															✓	✓	✓	✓	✓		✓
CE	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	
GOST	✓	✓	✓	✓	✓	✓				✓	✓										
Telcordia GR-487 capable	✓			✓			✓				✓			✓							