

# EASY SPECIFICATION GUIDE TO NVENT HOFFMAN



Type of Cooling	SEALED ENCLOSURE COOLING										FRESH AIR COOLING									
	AIR CONDITIONERS					HEAT EXCHANGERS			Condensate	PACKAGED AIR MOVERS				BARE AIR MOVERS						
Hoffman Cooling Solution	SEctraCool	Slim Fit	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	Single/Dual Blower
<b>SYSTEM ENVIRONMENT</b>	<b>*ProAir meets IP66 rating</b>																			
Clean indoor															✓	✓	✓	✓	✓	✓
Indoor Industrial (Type 12 / IP54 / IP55)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
Outdoor (Type 3R / IP56)	✓		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓					
Hose-Driven Water (Type 4 / IP56)	✓		✓	✓	✓		✓	✓			✓	✓	✓							
Corrosive (Type 4X / Stainless Steel)	✓		✓	✓	✓		✓	✓			✓	✓	✓							
<b>RECOMMENDED TEMP OF ENCLOSURE</b>																				
Cooler than outside the enclosure	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓								
Warmer than outside the enclosure										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>HEAT FROM THE ELECTRONICS</b>											COOLING UP TO 20 DEGREES CELSIUS DELTA-T					COOLING AT 10 DEGREES CELSIUS 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)				✓					✓											
<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	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓		
EAC	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		✓					
Telcordia GR-487 capable	✓			✓			✓				✓			✓						