



**CONNECT AND PROTECT**

# Easy Specification Guide

Find the right cooling solution

  
nvent

**HOFFMAN**

# CHOOSE THE RIGHT THERMAL MANAGEMENT SOLUTION FOR YOUR SPECIFIC APPLICATION

Type of Cooling	SEALED ENCLOSURE COOLING												FRESH AIR COOLING							
	AIR CONDITIONERS								HEAT EXCHANGERS		Condensate		PACKAGED AIR MOVERS			BARE AIR MOVERS				
HOFFMAN Cooling Solution	SpectraCool	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>																				
*ProAir meets IP66 rating																				
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											
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	✓			✓			✓				✓			✓						

# PRODUCT AVAILABILITY CHART

When it comes to specifying thermal management products, nVent HOFFMAN makes it easy. Simply use the chart on the previous page to select the ideal thermal management solution for your specific application and then refer to the chart on this page to confirm the solution is available in your geographical location.



HOFFMAN Cooling Solutions		North America	Europe / Middle East / Africa	South America	Japan	China	India	Southeast Asia / Australia
TYPE OF COOLING	Sealed Enclosure Cooling	SpectraCool	✓	✓	✓	✓	✓	✓
		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	✓					✓	
	Fresh Air Cooling	Filter Fan	✓	✓	✓	✓	✓	✓
		19" Fan Tray	✓	✓		✓		✓
		19" Fan Package	✓	✓		✓		✓
		19" Blower	✓	✓		✓		✓
Compact Axial Fan								
Motorized Impeller								
Single/Dual Blower								

## North America

Minneapolis, MN	Tel: +1.763.421.2240
Mexico, D.F.	Tel: +52.55.5280.1449
Toronto, Canada	Tel: +1.416.289.2770

## South America

Sao Paulo, Brazil	Tel: +55.11.5184.2100
Boitura, Brazil	Tel: +55.15.3363.9148

## Europe

Straubenhardt, Germany	Tel: +49.7082.794.0
Dzierzoniow, Poland	Tel: +48.74.64.63.900
Assago, Italy	Tel. : +39.02.932.714.800
Aachen, Germany	Tel: +49.2405.40996.0

## Middle East & India

Dubai, United Arab Emirates	Tel: +971.4.378.1700
Bangalore, India	Tel: +91.80.6715.2001

## Asia

Shanghai, P.R. China	Tel: +86.21.2412.6943
Singapore	Tel: +65.6768.5800
Shin-Yokohama, Japan	Tel: +81.45.476.0271
Seoul, Korea	Tel: +82.2.2129.7755
Qingdao	Tel: +86.532.8771.6101

Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**



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