

**QUIET VORTEX A/C ENCLOSURE COOLERS, TYPE 4/4X/12**

 VA09, VA15, VA25  
NEMA Type 4/4X

 VA09, VA15, VA25  
NEMA Type 12

 VA50  
NEMA Type 4/4X

 VA50  
NEMA Type 12

**INDUSTRY STANDARDS**
**NEMA Type 4,4X Models:**

Maintains UL/cUL Type 4, 4X when properly installed on a UL/cUL Type 4, 4X enclosure.  
UL508 Listed; Type 4, 4X; File No. E249700

IP66

**NEMA Type 12 Models:**

Maintains UL/cUL Type 12 when properly installed on a UL/cUL Type 12 enclosure.  
UL508 Listed; Type 12; File No. E249700

IP54

**APPLICATION**

Vortex A/C Enclosure Coolers keep enclosures cool, clean and protect even in the harshest environments. Offering flexible installation, these enclosure coolers are ideal in space-restrictive areas where compressed air is readily available. With almost no moving parts, these enclosure coolers are highly reliable and virtually maintenance free.

**FEATURES**

- Built-in mechanical thermostat reduces energy consumption
- Top, side, and front mount allows for versatile installation in confined areas
- Quieter operation with noise level of 60-75 dB
- Cooling capacities up to 5000 BTU/Hr. (1465 W)
- Supplied with five-micron, automatic drain compressed air filter, cold ducting kit, and cold air muffler
- Operates in environments up to 175 F (80 C)

**SPECIFICATIONS**

Kit includes the following items:

- Vortex Cooling Enclosure
- Enclosure pipe connections
- Air Filter
- Check Valve
- Muffler with clamps
- Ducting, 10 Feet (3 Meters). More can be purchased as an accessory.

**FINISH**

- NEMA Type 4,4X models: Polycarbonate and stainless steel exterior; aluminum and brass internal components
- NEMA Type 12 models: Polycarbonate and aluminum exterior; aluminum and brass internal components

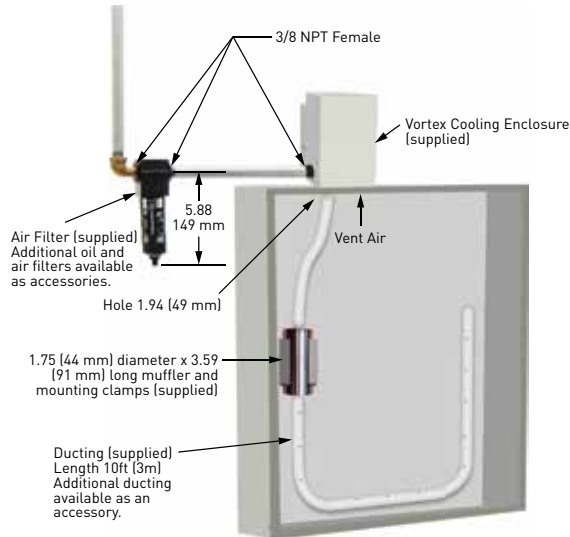
**ACCESSORIES**

Vortex Cooling Air Filters  
Vortex Cooling Oil Filters  
Vortex Cooling Generator Kits  
Vortex Cooling VA Series Air Ducting

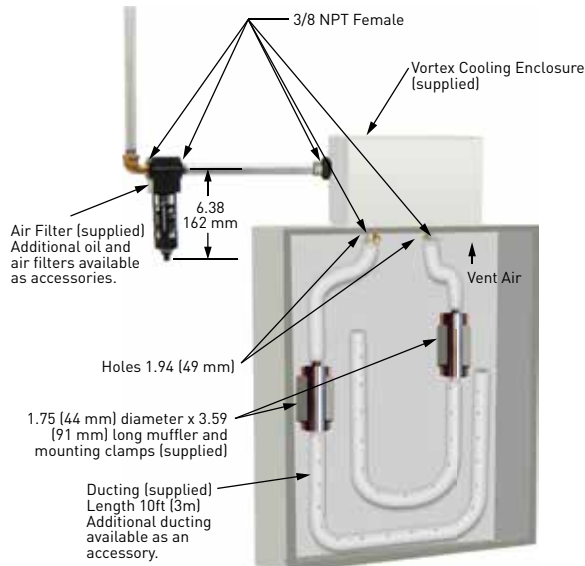
Performance Data **VA Series NEMA Type 4, 4X**

CATALOG NUMBERS	VA091604X	VA151604X	VA251604X	VA501604X
<b>COOLING PERFORMANCE</b>				
Cooling Capacity (BTU/Hr.)	900	1500	2500	5000
Cooling Capacity (Watts)	264	440	733	1465
Compressed Air Consumption (SCFM)	15	25	35	70
Compressed Air Consumption (SLPM)	425	708	991	1982
<b>SOUND LEVEL</b>				
Noise Level (dB)	60	66	72	75
<b>ENCLOSURE PROTECTION</b>				
UL Type	Type 4, 4X			
IP	IP66			
<b>UNIT DIMENSIONS</b>				
Height (in./mm)	8.00/203	8.00/203	8.00/203	6.44/164
Width (in./mm)	4.75/121	4.75/121	4.75/121	9.44/240
Depth (in./mm)	5.38/137	5.38/137	5.38/137	5.56/141
Weight (lb./kg)	6.3/2.86	6.3/2.86	6.4/2.90	11.0/4.99

VA09, VA15, VA25, Type 4/4X



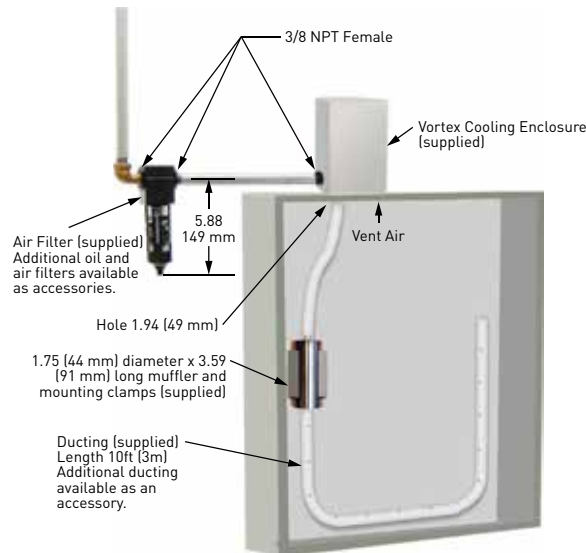
VA50, Type 4/4X



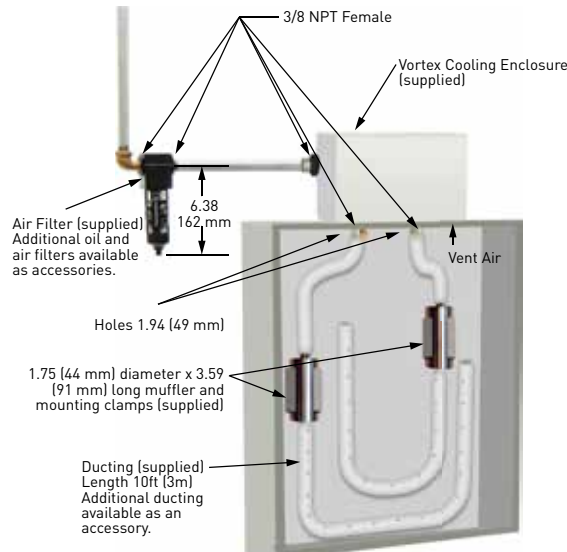
## Performance Data VA Series NEMA Type 12

CATALOG NUMBERS				
	VA0916012	VA1516012	VA2516012	VA5016012
<b>COOLING PERFORMANCE</b>				
Cooling Capacity (BTU/Hr.)	900	1500	2500	5000
Cooling Capacity (Watts)	264	440	733	1465
Compressed Air Consumption (SCFM)	15	25	35	70
Compressed Air Consumption (SLPM)	425	708	991	1982
<b>SOUND LEVEL</b>				
Noise Level (dB)	60	66	72	75
<b>ENCLOSURE PROTECTION</b>				
UL Type	Type 12			
IP	IP54			
<b>UNIT DIMENSIONS</b>				
Height (in./mm)	8.00/203	8.00/203	8.00/203	6.44/164
Width (in./mm)	4.75/121	4.75/121	4.75/121	9.44/240
Depth (in./mm)	3.56/90	3.56/90	3.56/90	4.25/108
Weight (lb./kg)	4.9/2.22	4.9/2.22	5.0/2.27	7.7/3.50

VA09, VA15, VA25, Type 12



VA50, Type 12



**VORTEX COOLING AIR FILTERS**



- 5-micron compressed air filter with automatic condensate drain
- Polycarbonate bowl with metal bowl guard
- 125 F (52 C) maximum temperature
- 150 psig maximum pressure

CATALOG NUMBER	Use with Model Capacity	SCFM	Ports
VAAF15	Up to 1500 BTU/Hr.	25	3/8 NPT
VAAF25	Up to 2500 BTU/Hr.	50	3/8 NPT
VAAF50	Up to 5000 BTU/Hr.	150	3/4 NPT

**VORTEX COOLING OIL FILTERS**



- .01 micron oil removal filter with automatic condensate drain
- Polycarbonate bowl with metal bowl guard
- 125 F (52 C) maximum temperature
- 150 psig maximum pressure

CATALOG NUMBER	Use with Model Capacity	SCFM	Ports
VCOF17	Up to 1500 BTU/Hr.	25	3/8 NPT
VCOF25	Up to 5000 BTU/Hr.	70	1/2 NPT

**VORTEX COOLING GENERATOR KITS**



- Vortex accessory generator kits
- Nylon generator and bushing

CATALOG NUMBER	Use with Model Capacity	SCFM	Quantity
VAGK09	900 BTU/Hr.	11	5
VAGK15	1500 BTU/Hr.	15	5
VAGK25	2500 and 5000 BTU/Hr.	25	5

**VORTEX COOLING VA SERIES AIR DUCTING**



Vortex VA series accessory cold air ducting kit evenly distributes compressed air.

CATALOG NUMBER	Use with Model Capacity
VADK124X	All NEMA 12, 4, 4X models