



**VMF Series**

**VAT Series**

CONFORMS TO  
UL 507 and  
CSA C22.2  
no.113



## VMF Series (1 year limited warranty)

The **Vortex Powerfan VMF Series** is an in-line duct fan specifically designed to maximize the airflow performance with minimal noise levels in a small, compact housing. These fans incorporate a powerful mixed flow impeller and internal air vanes located at the discharge end of the fan housing. This impeller and guide vane combination provides a smooth laminar air flow which in turn minimizes turbulence and noise and generate an excellent air flow to static pressure performance ratio.

- Quiet operation
- Available in duct diameter from 4" to 8"
- Airflow capacity from 157 to 617 CFM
- Can be mounted in any position
- Precisely balanced for vibration-free operation and longer life expectancy
- Speed controllable

### VMF Series Performance Data

ALL VMF PRODUCTS INCORPORATE MOTORS SUITABLE FOR 120 Volts AC 60Hz ELECTRICAL SUPPLY ONLY

FAN Series Performance Data						Static Pressure in Inches W.G.									Max Ps
FAN MODEL	Duct Dia.	RPM	Volts	Rated Watts	Max Amps	0"	.125"	.25"	.375"	.5"	.75"	1"	1.25"	1.5"	
VMF400	4"	2400	120	60	0.85	157	128	105	81	60	22	---	---	---	0.84"
VMF600	6"	2400	120	70	0.58	329	301	273	250	227	156	---	---	---	1.1"
VMF800	8"	2450	120	190	1.59	617	538	490	418	335	198	100	---	---	1.44"

Performances are based on installation type D - Ducted inlet, Ducted outlet.  
Speed (RPM) shown is nominal. Performance is based on actual speed of test.

## VAT Series (1 year limited warranty)

The **VAT Series** axial in-line fans are ideal to boost airflow. These compact, powerful and quiet fans come completely wired with junction box, strain relief and power cord. Light weight and easy to install, they are fluted on both ends to ease connection to ducting.

- Available in duct diameters from 4" to 10"
- Airflow capacity from 66 to 411 CFM
- Can be mounted in any position

### VAT Series Performance Data

FAN MODEL	Duct Dia.	Volts	Rated Watts	CFM
VAT400	4"	120	14	66
VAT600	6"	120	40	210
VAT800	8"	120	40	332
VAT1000	10"	120	96	411

ALL VAT PRODUCTS INCORPORATE MOTORS SUITABLE FOR 120 Volts AC 60Hz ELECTRICAL SUPPLY ONLY

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