



Fresh air in your house!



# VKM Series

## 220 V

### 355-450

## INLINE CENTRIFUGAL FANS



VENTS VKM 355 Q, 400, 450 inline centrifugal duct fans are designed for commercial and industrial ventilation applications. The housing is made of steel with polymer coating. Efficient backward curved impeller is capable of operating in high pressure systems. In-line configuration. All VKM models are designed for standard diameter round ducting. VENTS VKM inline duct fans can eliminate many ventilation problems. They are designed to boost airflow through long or complex duct runs. Provide ideal solutions for commercial and industrial applications VENTS VKM big sizes range is from 14" to 18", with airflows ranging up to 3696 CFM. 230 Volts 60 Hz energy supply.

### Applications

- Workshops & smoking areas
- Offices
- Bars & Restaurants
- Industrial areas
- Warehouses

### Benefits

- High air volume and static pressure applications
- Efficient, vibration free operation
- Durable and corrosion resistant casing
- Reliable external rotor motor design
- Permanently lubricated ball bearing motor for maintenance free operation
- Automatic reset thermal overload protection
- Rated for continuous operation
- Strong construction for long life
- Five year warranty



Ventilation example based on VKM fan

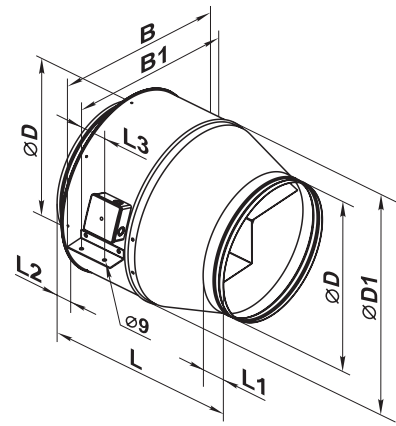
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## Dimensions

Model	Measurements [in.]								Weight [lb]
	Ø D	Ø D1	B	B1	L	L1	L2	L3	
<b>VKM 355 Q</b>	13 <sup>57</sup> / <sub>64</sub> "	18 <sup>7</sup> / <sub>64</sub> "	20 <sup>35</sup> / <sub>64</sub> "	20 <sup>35</sup> / <sub>64</sub> "	19 <sup>59</sup> / <sub>64</sub> "	23 <sup>5</sup> / <sub>8</sub> "	2 <sup>23</sup> / <sub>64</sub> "	2 <sup>2</sup> / <sub>4</sub> "	41.44
<b>VKM 400</b>	15 <sup>43</sup> / <sub>64</sub> "	22 <sup>7</sup> / <sub>16</sub> "	26 <sup>7</sup> / <sub>64</sub> "	24 <sup>61</sup> / <sub>64</sub> "	22 <sup>7</sup> / <sub>16</sub> "	2 <sup>23</sup> / <sub>64</sub> "	2 <sup>23</sup> / <sub>64</sub> "	2 <sup>2</sup> / <sub>4</sub> "	55.33
<b>VKM 450</b>	17 <sup>41</sup> / <sub>64</sub> "	23 <sup>15</sup> / <sub>16</sub> "	27 <sup>9</sup> / <sub>16</sub> "	26 <sup>3</sup> / <sub>8</sub> "	25 <sup>23</sup> / <sub>64</sub> "	2 <sup>23</sup> / <sub>64</sub> "	2 <sup>23</sup> / <sub>64</sub> "	3 <sup>5</sup> / <sub>32</sub> "	60.09



## Performance

Model	Current* [Amp]	Power* [W]	RPM*	Sones*	Volts/Hz
<b>VKM 355 Q</b>	1.3	297	1620	8	230/60
<b>VKM 400</b>	3.05	673	1585	12	230/60
<b>VKM 450</b>	5.4	1250	1560	22	230/60

\* The parameters Volts, Watts, Amps are indicated at 0.2 in WG static pressure

Model	CFM vs. Static Pressure (Ps) in WG											Max Ps
	0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	2.5"	
<b>VKM 355 Q</b>	1324	1283	1248	1224	1177	1118	1001	765	530	333	-	2.05
<b>VKM 400</b>	2060	2030	1989	1972	1913	1854	1707	1589	1413	1236	294	2.81
<b>VKM 450</b>	3696	3590	3531	3502	3414	3296	3060	2825	2578	2295	706	2.9

## Specification

Voltage: 220-240 V, 60 Hz

Motor: Single-phase external rotor motor with backward curved centrifugal impellers

Duct compatibility: 14", 16", 18"

Airflow capacity: up to 3696 CFM

Sones: 8-22

Power consumption: 297 – 1250 W

Suitable for working airstreams up to 105 °F

IPX4 protection

Thermal overload protection

Five year warranty

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