

Miniveyor™ Air

Tough Fans for Tough Jobs!

Ventilators



Where fumes, smells or dust occur, the Miniveyor Air fans can move contaminated air out of the building. They effectively exhaust fumes, ventilate confined spaces, and increase the flow of fresh air.

Double Protection:

The double wall construction protects the inner casing from being dented giving extended product lifetime. Dented or damaged casings are a common cause of failure with traditional metal fans.



Less Downtime:

The polythene casing is resistant to the normal knocks and bangs of everyday use that can stop a sheet metal fan. Metal fans often dent which can obstruct the fan blade. The Miniveyor Air units easily withstand blows without denting, giving less downtime and greater productivity.

Greater Value:

The casing are corrosion free and unlike metal fans will not rust when they are dented, chipped or scratched. They simply last longer and offer greater value for money.



Great for Rental

Stackable:

Constructed with interlocking ribs for stacking vertically. Great for storage as they need a minimal footprint



Miniveyor Air Dual wall construction for rugged reliability. Resistant to dents, & dings, providing reliable continuous operation and less downtime. Polythene body is corrosion free and not effected by chips or scratches. Portable and lightweight 11 to 20 kg

V's

Metal Fans

Single layer construction - makes fan more vulnerable to damage, which can then impede fan blade rotation. Can rust and corrode easily. Heavier - from 10 kg to 90 kg

NEW VAF Models now come with a Industry Leading 10 Year warranty upgrade on the fan body.



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VAF-200

Only 7.5 kg the VAF-200 is our smallest and newest Ventilator. Don't be fooled by it's size though as the VAF-200 has an impressive 1350 m³/hr (800 CFM) airflow and is available in either 110V Or 230V.



VAF-300

Our most popular Ventilator!, available in either 110V or 230V. Too much dust to see safely? Filter out the dust by using our 200 litre filter in combination with the VAF-300



VAF-400

Available In 110 & 230V. For maximum airflow the VAF- 400HP gives a massive 7500 m³ per hour.



	VAF-200	VAF-300	VAF-300P-FRL	VAF-400HP
Air Flow - m³/hr - CFM	1350 800	3400 2000	3500	7500 4450
Motor Specification				
Voltage	110V/230V	110V/230V	Pneumatic	110V/230V
Phase	Single	Single		Single
Power	250 W (1/3 HP)	1 HP	18 l/sec Air	1 HP
Current (Amps)	110V - 2.6A 230V - 1.1A	110V - 7.1A 230V - 4.9A		110V - 8.8A 230V - 7.2A
RPM	3450 (110V) 2850 (230V)	3325 (110V) 2750 (230V)	3000	3450 (110V) 3250 (230V)
Dimensions				
Length	33 cm (13")	44 cm (17½")	44 cm (17½")	43 cm (17")
Width	25 cm (10")	36 cm (14")	36 cm (14")	54 cm (21¼")
Height	37 cm (14½")	54 cm (21¼")	54 cm (21¼")	56 cm (22")
Weight	7.5 kgs (16½lbs)	15 kgs (33lbs)	13 kgs (29lbs)	20 kgs (44lbs)
Duct Flange Diameter	200 mm (8")	300 mm (12")	300 mm	400 mm (16")



Application Examples

Welding - Remove the fumes and smoke away from the working area. Perfect for ship repair!

Concrete cutting - Remove the dust to see what you are doing when cutting bricks and concrete with diamond saws.

Flood Damage - Dry out flooded buildings, blowing clean dry air into a building or extracting damp humid air out of a building.

Confined Space Working - Clean and change the air to provide a safe, comfortable working environment.



What Every Miniveyor Customer Should Know About the Miniveyor Air VAF-Series.



Dual Wall Plastic Shell: Maintenance is virtually eliminated with a dual-wall, high density plastic shell. Current metal gauge fans will get dinged and banged around. So will our fans. There is one major difference. The metal fans do not absorb the dings and dents. The single layered, thin metal gauge walls will indent. This indent may, and usually does, obstruct the rotation of the fan blade. The fan blade will either stop or break. Either option becomes quite costly. If the unit can be repaired, the fan will be taken out of service while being maintained. Maintenance includes ripping out fan guts (i.e. grill, motor assembly, electrical wiring), pounding out the indents, replacing all necessary components and reassembling. Depending on the amount of damage, purchasing a new ventilator may be less expensive when considering labour repair hours.

The plastic shell will absorb the ordinary ding or bang experienced in the field, eliminating the above mentioned costly maintenance procedure. Better yet, because of the dual wall design, if any foreign object punctures the outer wall, the interior fan chamber is protected by the inner wall. The unit will continue operating and costly maintenance charges will be eliminated.

The plastic shell makes the VAF-Series corrosion free. Once the paint on a metal gauge fan chips or scratches, rust becomes inevitable. If appearance is a concern, then rust is a problem. Rust reduces metal life and is not attractive. The VAF-Series maintains its high quality exterior finish regardless of use in humid, moist climates.

The plastic shell contains an ultraviolet stabiliser, or U.V. inhibitor. Exposure to continuous sunlight rays will not discolour the unit.

Electric Motor: The totally enclosed, non-ventilated motor which reduces external substance entry (i.e. any kind of dust). As non-filtered, dusty air passes through open type motors, particles build up on the motor windings. After continued use in a dusty environment, this particle build-up eventually clogs the motor, causing it to overheat. The solution is replacement. The cost is a new unit. The VAF-Series totally enclosed motor reduces particle build up extending motor life.

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The motor has a built in thermal protective overload switch. The switch senses extreme temperature rises which can be harmful to the motor. When such temperatures are achieved, the switch automatically shuts down the ventilator. This protects the unit from burning out and saves users from costly repairs or replacements.

Duct Diameter: Greater air volume is achieved with a wider duct diameter. Air movement and its performance in a confined space is the ultimate purpose of ventilation. The VAF-300 12 inch (300mm) duct diameter allows users to extend long duct lengths into hard to reach confined spaces. Greater duct lengths are achieved because the larger fan blade produces more CFM under static load. The VAF-200 uses 8 inch (200mm) duct diameters for a more controlled environment.

Flexible Ducting: The VAF-300 can ventilate confined spaces with up to 5x 7.5m (25') lengths of flexible duct attached. This allows our ventilator to be used in a diverse range of jobs. For example, underground contractors use long lengths of duct for purging underground tanks, tunnel ventilation etc..... Some jobs require in excess of 37.5m (125') of duct. If more than 37.5m (125') of duct is necessary on a job, use the VAF-300 as a booster. Simply run 22.5m (75') of duct on one fan, attach the duct end to another fan and attach an additional 22.5m (75') of duct. The total duct length is 45m (150'). The boosters can be continued in any length required. Run boosters in excess of 1,000 feet!

Typical Air Flow Rates for Miniveyor Air VAF-300 when fitted with flexible ducting-

Air Flow Rates	110 & 230 Volt	
	CFM	M ³ /Hr
Free Air	2000	3,390
7.5 Metres straight	1585	2,690
7.5 Metres 1 x 90 bend	1500	2,550
7.5 Metres 2 x 90 bends	1430	2,430
15 Metres Straight	1315	2,230
30 Metres Straight	635	1,080

Lightweight: The VAF-Series plastic ventilators are lighter than the competition. With a built-in, centrally located handle design, the ventilator is quite portable on any job site. Compared to metal gauge ventilators, our high powered, low weight plastic ventilator is easily carried reducing chances of back injury.

Stack: Place ventilators on top of one another. Its cone shaped design allows units to operate stacked, increasing the air volume movement in confined spaces.

Corrosion Resistant: An epoxy powder coat is baked onto the steel components to prevent rusting and corrosion. This allows the ventilator to be used in high moisture atmospheres.



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Rubber Feet: Centrifugal fans use spring loaded, anti-vibration feet. These shock resistant feet are used because centrifugal fans are built with the motor and the fan blade built off centre. Vane axial fans are symmetrically built, creating a balanced air ventilator. This superior design and engineering does not require anti-vibration or shock absorbent feet. A non-vibrating ventilator can be placed on a sloping surface.

Warranty: One year. Not 30 days, not 60 days, not 90 days or 6 months, like other ventilator manufacturers, but one year. Ask and compare. Miniveyor Air stands behind its quality and design and backs it up with the one year parts warranty. We now provide a 10 year warranty upgrade on the fan body once the product is registered by either returning the registration card or registering online. See the Owner's Manual for warranty details, general safety, safety precautions, instructions for operation and care, parts list and trouble shooting.

Filter: If required you can add the VAF 200 litre filter to the VAF-300 to remove up to 97% of the particulates in the extracted air.

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