

PNEUMATIC VENTILATORS



MVS EX PNEUMATIC VENTILATOR FAN

MODEL : MVS-AV300

FEATURES

- Vane Air Motor Adaptations: Our ventilator fan boasts a vane air motor that adapts seamlessly to various conditions.
- 100% Explosion-Proof: Safety is our priority. This fan is designed to operate without any sparks during its operation.
- Hermetically Sealed: Prevent dirt and dust from compromising performance.
- Change the airflow direction effortlessly.
- Step-Less Speed Adjustment: Tailor the ventilation speed to your specific needs.

APPLICATION

- Our ventilators are engineered to operate efficiently in volatile and demanding conditions, including chemical plants and high-temperature workshops, ensuring optimal air quality and safety.
- Ideal for use in highly explosive zones or flammable areas environments such as paint factories and petrochemical sites where fire hazards are a concern.

SPECIFICATION

- Size : 12"
- RPM : 3000/min
- Air Volume : 3000m³/hr
- Working Pressure : 6 bar
- Air Consumption : 30CFM
- Material for Casing : Aluminium
- Material for Fan Blade : Aluminium
- Tubing : 12mm
- FRL : 3/8" (AUTO DRAIN)




FILTER SILENCER



Explosion Protection	Protection Type	Atmosphere Group	Equipment Protection Level
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Ex ck IIIC Db

Ex ck IIC Gb


II **2** **GD**
 Equipment Group Equipment Category Environment

SAFETY STANDARDS

- Equipment Group: This standard falls under Group II, which pertains to all above-ground industries (excluding mines).
- Equipment Category (ATEX): It corresponds to Category 2, which requires a high level of protection. Category 2 is defined for areas where an explosive atmosphere is likely to occur in normal operation (10 - 1000 hours per year or 0.1 to 10% of the time)
- Equipment Environment: Ensures that the equipment is safe for use in potentially explosive atmospheres involving both flammable gases and dusts. It provides robust protection against ignition and maintains reliable operation within the specified temperature range.
- Equipment Protection Level: The specific protection levels are as follows:
- Gas (G): Ex ck IIC, indicating that the equipment is suitable for use with methane and other flammable gases. The "IIC" classification denotes a very high level of ignition protection.
- Dust (D): Ex ck IIIC, signifying that the equipment is suitable for use with dusts. The "IIIC" classification implies a very high level of protection against dust ignition.



PNEUMATIC VENTILATORS

MVS EX PNEUMATIC VENTILATOR FAN

MODEL : MVS-AV600

FEATURES

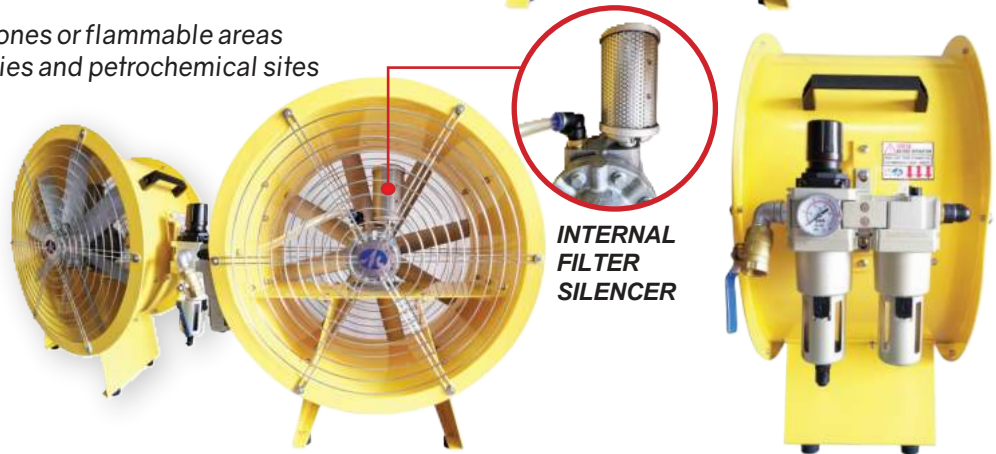
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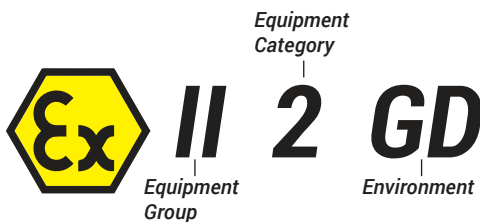
SPECIFICATION

- Size : 24"
- RPM : 2500/min
- Air Volume : 13500m³/hr
- Working Pressure : 6 bar
- Air Consumption : 175 CFM
- Material for Casing : Aluminium
- Material for Fan Blade : Aluminium
- Tubing : 16mm
- FRL Regulator : 3/4"



INTERNAL FILTER SILENCER

Explosion Protection Protection Type Atmosphere Group Equipment Protection Level



Ex ck IIIC Db
Ex ck IIC Gb

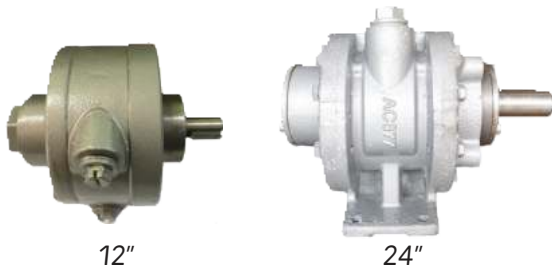
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PNEUMATIC VENTILATOR SPARE PARTS

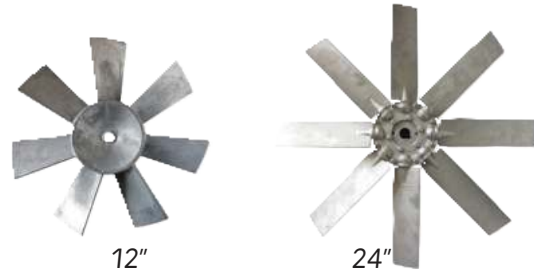


AIR MOTOR



MODEL	SIZE
MVS-AM12	12"
MVS-AM24	24"

FAN BLADE (ALUMINIUM)



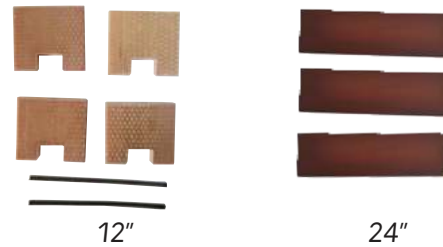
MODEL	SIZE
MVS-AFB12	12"
MVS-AFB24	24"

FILTER SILENCER



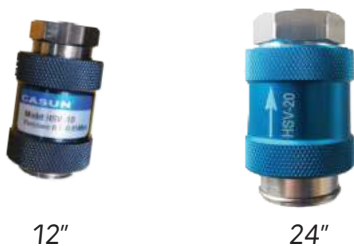
MODEL	SIZE
MVS-SF12	12"
MVS-SF24	24"

ROTOR BLADE



MODEL	SIZE
MVS-ARK12	12"
MVS-ARK24	24"

AIR VALVE



MODEL	SIZE
MVS-VA12	12" (3/8")
MVS-VA24	24" (3/4")

AIR REGULATOR



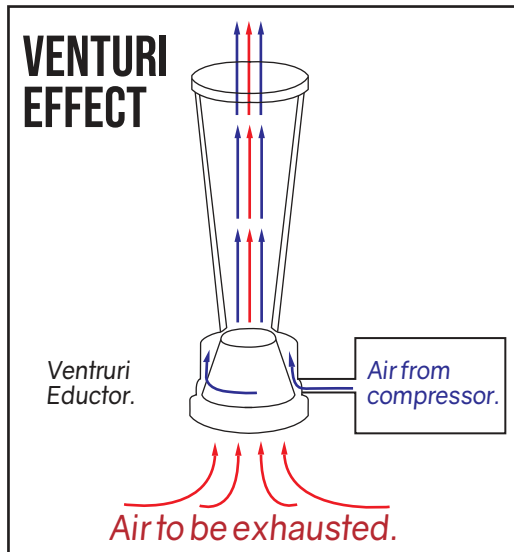
MODEL	SIZE
AC3010-03-GD	12" (3/8")
AC5010-06-GD	24" (3/4")



MVS EX PNEUMATIC VENTURI BLOWER

FEATURES:

- Single piece cast aluminum eductor inlet housing.
- Aluminum horn diffuser.
- Plastic handle.
- Quick coupling or Chicago inlet connection.



PNEUMATIC VENTURI BLOWER




MVS-VT200
RM2250.00



MVS-VT150
RM2000.00

MODEL	HORN TOP DIAMETER	OVERALL LENGTH	BASE DIAMETER	INLET	AIR CONSUMED AT 100 PSIG	TOTAL AIR FLOW AT 100 PSIG
MVS-VT150	6"/150mm	520mm	165mm	20PM	50 CFM	1250CFM
MVS-VT200	8"/200mm	825mm	165mm	20PM	50 CFM	1480CFM

Explosion Protection Protection Type Atmosphere Group Equipment Protection Level


II
2
GD

Equipment Group Equipment Category Environment

Ex ck IIIC Db

Ex ck IIC Gb

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AIR MANIFOLD



MVS PORTABLE 6 PORT AIR MANIFOLD MODEL : MVS-MF600

FEATURES

- MVS MF600 is particularly convenient for carrying into confined spaces.
- It can be neatly stored in large toolboxes.
- It can be fitted with universal (chicago) couplers or industrial quick disconnect couplers.
- It can be used in combination with other air manifolds to provide as many outlets as required and helps to keep the work site to be safer and more organized by having only one supply hose leading to the work area.
- Safety auto pressure relief valve to prevent excessive pressure buildup.
- It comes with a gauge to monitor working pressure and a drain port to vent water droplets.
- They can also be used with fans or blowers as a velocity accelerator for long duct distances.
- Increase efficiency and reduce the need for long runs of pipe or hose.

SPECIFICATION

- Tank Capacity : 5 Litres
- Inlet : 1 x 3/4" BSP
- Outlet : 6 x 1/2" BSP
- Air Hose Connection : Chicago Claw Coupling
- Pressure Gauge : 1.6 MPa
- Ball Valve : 1/2" Stainless Steel
- Safety Release Valve
- Drain Port
- Working Pressure : 150 psi
- Test Pressure : 200 psi
- Tank Dimension : D133 x L400mm





PORTABLE VENTILATORS

VENTILATORS

MVS PORTABLE VENTILATOR FAN

This series of MVS SHT Portable Ventilators comes with a large capacity motor & it is housed in a rugged all steel casing that is powder coated to prevent corrosion. Special designed axial propellers provides this series with high static pressure, high flow rate & excellent strength. The low profile design with anti-vibration foot pads provides maximum stability to the ventilator during operation. SHT30 has an adjustable stand than allows it be used horizontally or vertically. (Aluminium Body Motor)



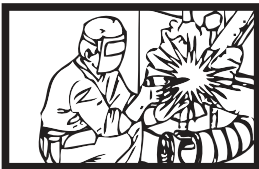
Portable



Powder Coated Steel Casing



Powerful Flow



Electric Soldering



Mining Tunnel



Ships Engine Room



Smoking Areas



Basement Ventilation



Chemical Laboratory

MODEL	SIZE	FREQUENCY	SPEED (rpm)	POWER	FULL PRESSURE	AIR VOLUME
MVS-SHT20	8" / 200mm	50Hz	2800	230 w	245 PA	25m ³ /min
MVS-SHT30	12" / 300mm	50Hz	2800	520 w	373 PA	65m ³ /min
MVS-SHT40	16" / 400mm	50Hz	2800	1100 w	700 PA	96m ³ /min
MVS-SHT45	18" / 450mm	50Hz	2800	1500 w	972 PA	162m ³ /min

* All model voltage is 220/240v

PORTABLE VENTILATORS



**MVS-SHT60
(THREE PHASE)**



Phasing Detector



Weatherproof Plug & Socket

MVS PORTABLE VENTILATOR FAN - 24"

FEATURES

MVS SHT 60 Portable Ventilators come with a large capacity motor and it is housed in a rugged all steel casing that is powder coated to prevent corrosion. Special designed axial propellers provides this series with high static pressure, high flow rate and excellent strength. SHT-60 has an adjustable stand that allows it to be used horizontally or vertically. The heavy duty wheel enable the unit to be relocated easily and the wheel lock mechanism provides maximum stability to the ventilator during operation.



**MVS-SHT60S
(SINGLE PHASE)**

MODEL	SIZE	VOLTAGE	FREQUENCY	SPEED (rpm)	POWER	FULL PRESSURE	AIR VOLUME
MVS-SHT60S	24"/600mm	240	50Hz	1400	2200 w	1000 PA	230m ³ /min
MVS-SHT60	24"/600mm	415	50Hz	1400	2200 w	1100 PA	290m ³ /min



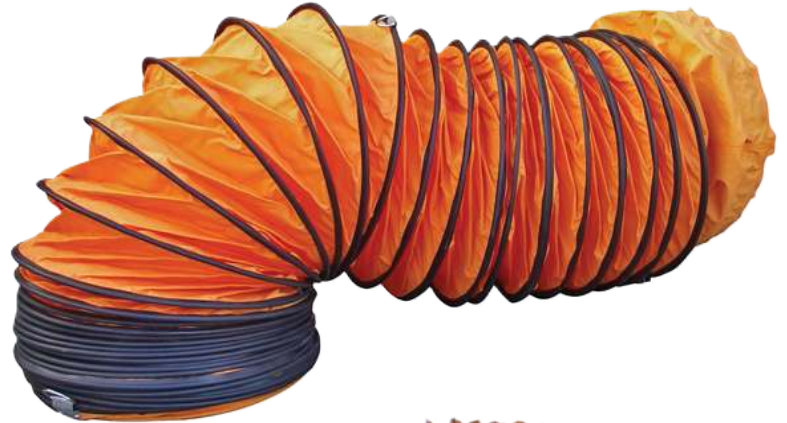
PORTABLE VENTILATOR SPARE PARTS

EXHAUST FAN

MVS PORTABLE VENTILATOR FLEXIBLE DUCT

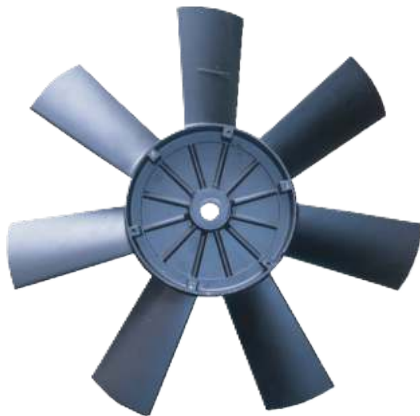
FEATURES

- Can be useful in many industrial air movement applications.
 - These lightweight hoses are made from PVC vinyl coated polyester fabric & had been reinforced with spring steel wire helix for added strength when flexed.
 - Each section of orange flexible duct is constructed with a protective external wear-strip.
 - Ideal for mobile chiller, light dust movement & general air ventilation.
 - Retractability allows for convenient storage & easy transport in a fraction of its fully extended length.
- Standard colors : Orange with black wearstrip.



AVAILABLE MODELS

- MVS-VH0805 - 8" X 5 Meter
- MVS-VH1205 - 12" X 5 Meter
- MVS-VH1210 - 12" X 10 Meter
- MVS-VH1605 - 16" X 5 Meter
- MVS-VH1805 - 18" X 5 Meter
- MVS-VH2405 - 24" X 5 Meter



MVS PORTABLE VENTILATOR FAN BLADE (ALUMINIUM)

AVAILABLE MODELS

- MVS-FB08 - 8" (200 mm) /Hole M15
- MVS-FB12 - 12" (300 mm) /Hole M15
- MVS-FB16 - 16" (400 mm) /Hole M19
- MVS-FB18 - 18" (450 mm) /Hole M19
- MVS-FB24 - 24" (600 mm) /Hole M28



MVS PORTABLE VENTILATOR SPARE PART (MOTOR)

AVAILABLE MODELS

- MVS-SHM20 - 8"
- MVS-SHM30 - 12"
- MVS-SHM40 - 16"
- MVS-SHM45 - 18"
- MVS-SHM60S - 24"
- MVS-SHM60 - 24"



12" SWITCH



16" & 18" SWITCH

MVS PORTABLE VENTILATOR SPARE PART (SWITCH)

AVAILABLE MODELS

- MVS-SWH20 - 8"
- MVS-SWH30 - 12"
- MVS-SWH40 - 16"
- MVS-SWH45 - 18"
- MVS-SWH60 - 24"

HEAVY DUTY EXHAUST FAN

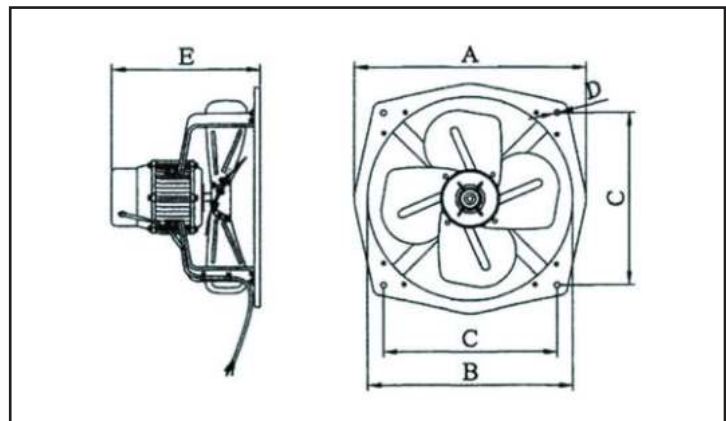


MVS HEAVY DUTY INDUSTRIAL EXHAUST FAN

FEATURES

- Large induced draft amount, and it has a long service life
- Large air flow, low noise, spare electricity power
- Utilizes CAD optimized design for blade, with high efficiency
- Suitable for school, hotel, home for ventilation

AVAILABLE SIZES



Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
12" / 300mm	390	Ø325	308	Ø8.5	235
15" / 380mm	437	Ø417	367	Ø8.5	255
18" / 450mm	558	Ø476	435	Ø10.5	305
24" / 600mm	700	Ø623	585	Ø12	370



Save Electricity
Power



Long Service Life



Large Air Flow



Low Noise

MODEL	SIZE	BLADE DIAMETER	PHASE	VOLTAGE	Hz	POWER	ROTATING SPEED	AIR DELIVERY	dB(A)
MVS-GH30	12"	300mm	SINGLE	240	50Hz	100 w	1400 r/min	30m ³ /min	69
MVS-GH38	15"	380mm	SINGLE	240	50Hz	180 w	1400 r/min	40m ³ /min	74
MVS-GH45	18"	450mm	SINGLE	240	50Hz	230 w	1400 r/min	82m ³ /min	78
MVS-GH60	24"	600mm	SINGLE	240	50Hz	330 w	960 r/min	105m ³ /min	76
MVS-GH60T	24"	600mm	THREE	415	50Hz	330 w	960 r/min	105m ³ /min	76