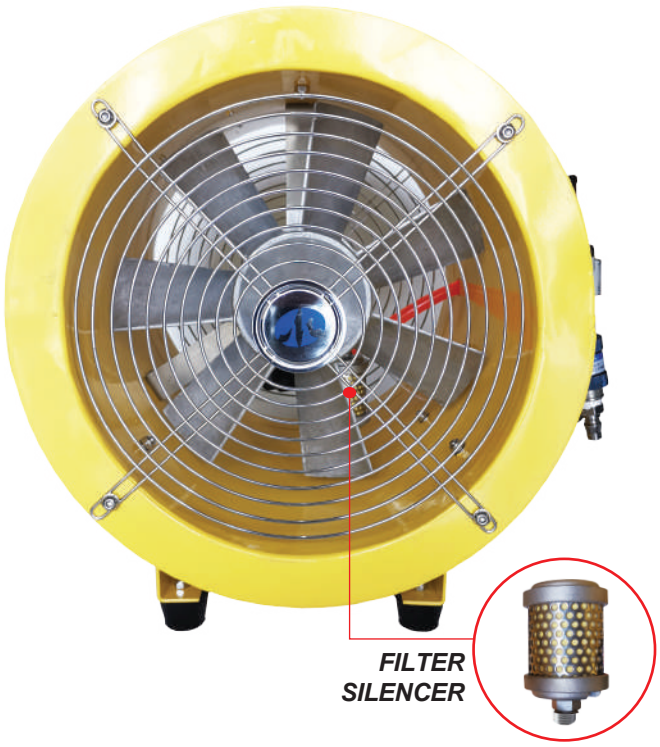
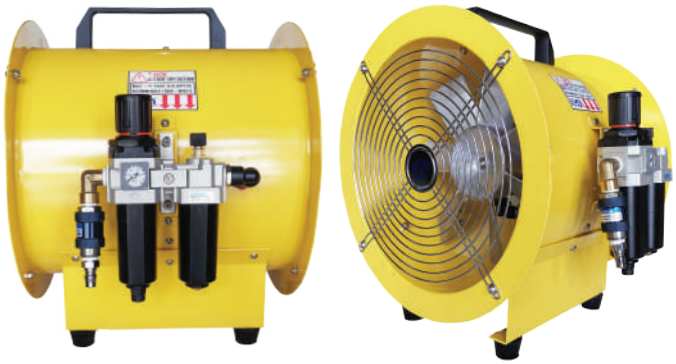
PNEUMATIC VENTILATORS

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 : 3000m^3/ hr
- Working Pressure : 6 bar
- Air Comsumption : 30CFM
- Material for Casing : Aluminium
- Material for Fan Blade : Aluminium
- Tubing : 12mm
- FRL : 3/8” (AUTO DRAIN)

Equipment Category

Ex II 2 GD

Equipment Group — Environment

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

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.

VENTILATORS

PNEUMATIC VENTILATORS

MVS EX PNEUMATIC VENTILATOR FAN

MODEL : MVS-AV600



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 : 24"*
- *RPM : 2500/min*
- *Air Volume : 13500m³/ hr*
- *Working Pressure : 6 bar*
- *Air Comsumption : 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*

Equipment Category

Ex II 2 GD

Equipment Group | *Environment*

Ex ck IIIC Db

Ex ck IIC Gb

SAFETY STANDARDS

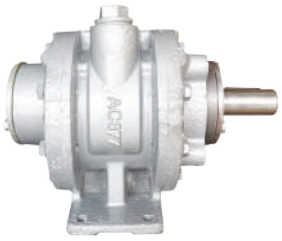
- *Equipment Group: This standard falls under Group II, which pertains to all above-ground industries (excluding mines).*
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PNEUMATIC VENTILATOR SPARE PARTS

AIR MOTOR



12″



24″

MODEL	SIZE
MVS-AM12	12″
MVS-AM24	24″

FAN BLADE (ALUMINIUM)



12″



24″

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

FILTER SILENCER



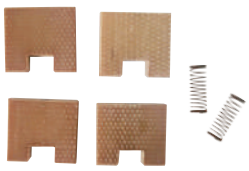
12″



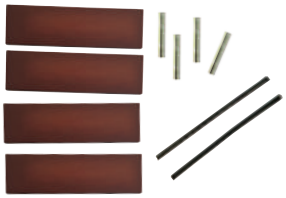
24″

MODEL	SIZE
MVS-SF12	12″
MVS-SF24	24″

ROTOR BLADE



12″



24″

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

AIR VALVE



12″



24″

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

AIR REGULATOR



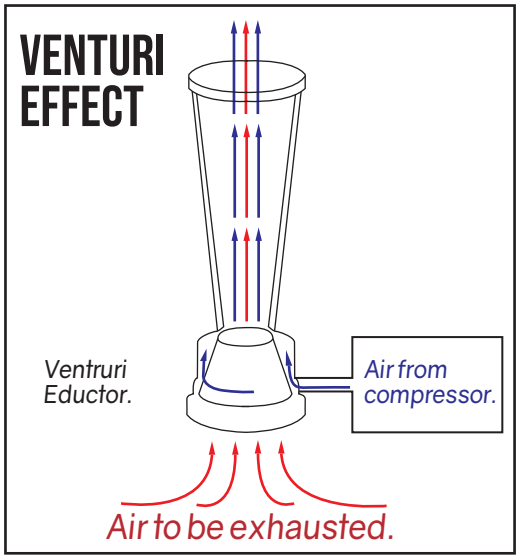
MODEL	SIZE
AC3010-03-GD	12″ (3/8″)
AC5010-06-GD	24″ (3/4″)

PNEUMATIC VENTURI BLOWER

MVS EX PNEUMATIC VENTURI BLOWER

FEATURES:

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



8"/200mm



MVS-VT200

6"/150mm



MVS-VT150

MODEL	HORN TOP DIAMETER	OVERALL LENGTH	BASE DIAMETER	INLET	AIR CONSUMED AT 100 PSIG	TOTAL AIR FLOW AT 100 PSIG
MVS-VT150	*6"/150mm*	*510mm*	*165mm*	*20PM*	*50 CFM*	*1250CFM*
MVS-VT200	*8"/200mm*	*825mm*	*165mm*	*20PM*	*50 CFM*	*1480CFM*

Explosion Protection *Protection Type* *Atmosphere Group* *Equipment Protection Level*

Equipment Category

Ex II 2 GD

Equipment Group *Environment*

Ex ck IIIC Db

Ex ck IIC Gb

SAFETY STANDARDS

- *Equipment Group: This standard falls under Group II, which pertains to all above-ground industries (excluding mines).*
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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

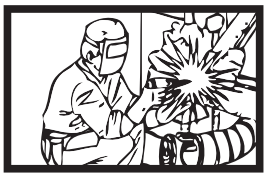
MVS PORTABLE VENTILATOR FAN

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)





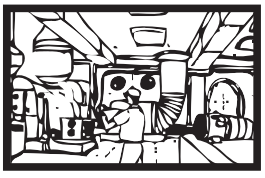
Portable ***Powder Coated Steel Casing*** ***Powerful Flow***



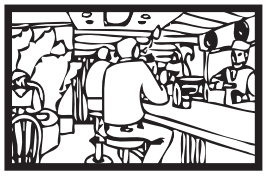
Electric Soldering



Mining Tunnel



Ships Engine Room



Smoking Areas



Basement Ventilation

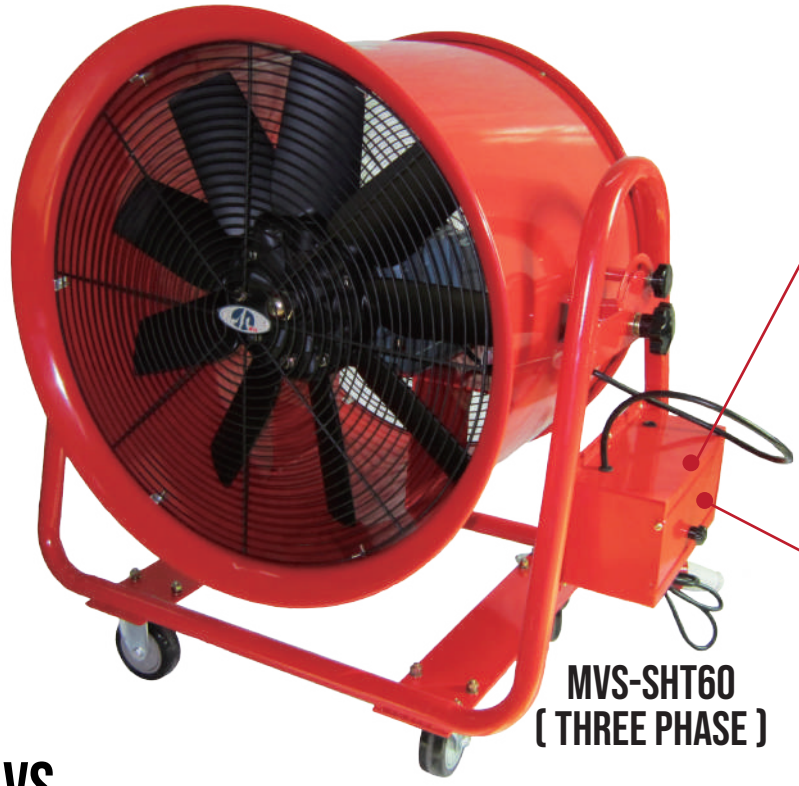


Chemical Laboratory

MODEL	SIZE	FREQUENCY	SPEED (rpm)	POWER	FULL PRESSURE	AIR VOLUME
MVS-SHT20	8"/200mm	50Hz	2800	230 w	245 PA	25m³/min
DISCONTINUED **MVS-SHT30**	12"/300mm	50Hz	2800	520 w	373 PA	65m³/min
MVS-SHT40	16"/400mm	50Hz	2800	1100 w	700 PA	96m³/min
MVS-SHT45	18"/450mm	50Hz	2800	1500 w	972 PA	162m³/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	230m³/min
MVS-SHT60	24”/600mm	415	50Hz	1400	2200 w	1100 PA	290m³/min

DISCONTINUED

EXHAUST FAN

PORTABLE VENTILATOR SPARE PARTS

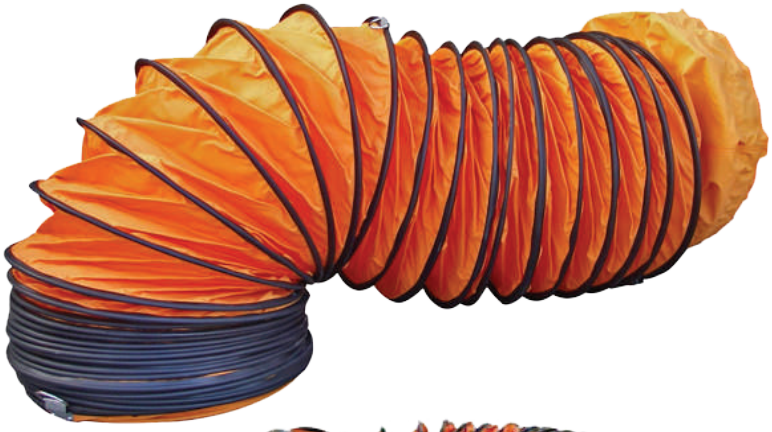
MVS PORTABLE VENTILATOR FLEXIBLE DUCT

FEATURES

- *Can be useful in many industrial air movement applications.*
- *These lighweight 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*











12" SWITCH



16" & 18" SWITCH

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"*

MVS PORTABLE VENTILATOR SPARE PART (SWITCH)

AVAILABLE MODELS

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