



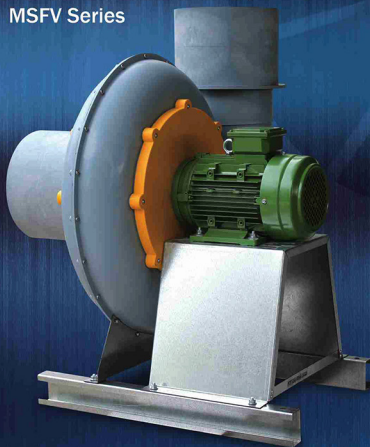
MSFV & MSV Series

CENTRIFUGAL FAN



Industrial Multipurpose Radial Flow Centrifugal Fans & Blowers

MSFV Series



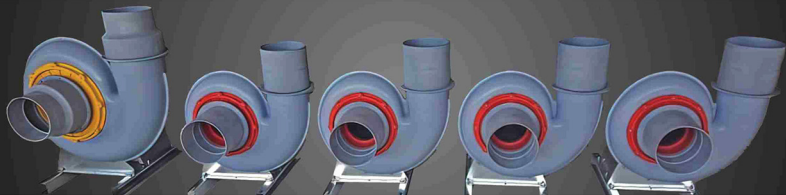
MSV
Series



MSFV
with
Chimney



MASSIVE



MSFV Series Centrifugal Fan



Field of Employment

The fans are employed wherever moist, acid or chemically polluted fumes must be removed. We have in mind laboratories, chemical and petrochemical industry, galvanic-, photo-, paper-, refining-, textile-, food- and dairy- industries, paint-spray cabins, printing-works, garages, light duty dust collector and such-like.

Materials

The Fan Housing & impeller are entirely made of strong, high-density PP (polypropylene) material for maximum corrosion resistance.
(Fibre-glass construction are also available upon request).
The motor base is made of galvanized steel.

Mounting

Standard design is that all fans are directly driven by a single / three revolution electro motor.
On application the fan can also be supplied with belt / pulley drive for other speeds.



In the practice the PP fan proves to be a sturdy, compact, synthetic material fan with good ventilating properties, such as a large production of air at considerable static head, a low sound-level and high efficiency level.

All parts are resistance against corrosive and aggressive fumes. The PP fans are suitable for outdoor mounting as well.

Dependability

The fans warrant a high and long-lasting dependability due to their construction and high-quality materials.

Economic Operations

Because of their high efficiency, the fans result in economic operations.

Maintenance

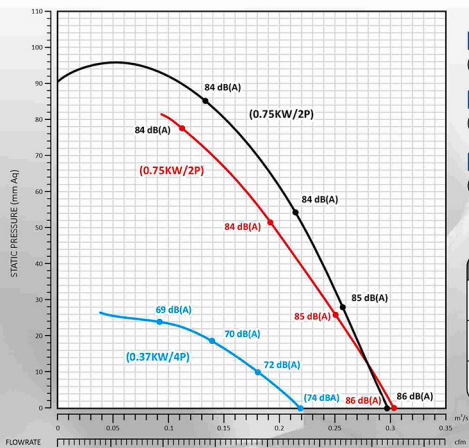
We recommend an annual check on :

- Pollution of the fan (pollution can cause the impeller to be out of balance).
- Clogging of the condensation-drain and /drain-pipe.
- Fastening of the fan and electromotor to the motor support.
- Condition of the electromotor and the electrical connections.

Sound-data

Sound-data more extensive than included in this brochure are available on application.





MSFV 160-PP200

(1400 rpm)

MSFV 160-BCV200

(2800 rpm)

MSFV 160-BCV200 AH

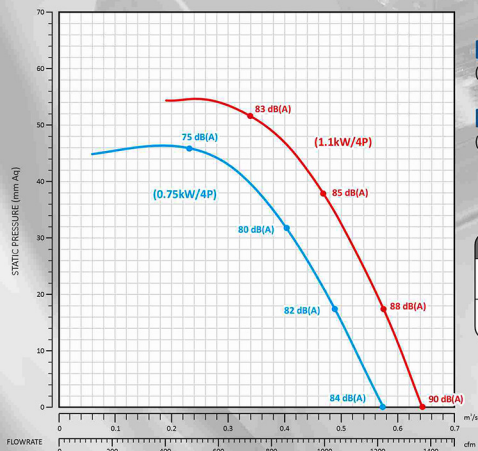
(2800 rpm)

Legend

MSFV 160-BCV200 AH

MSFV 160-BCV 200

MSFV 160-PP 200



MSFV 200-PP250

(1400 rpm)

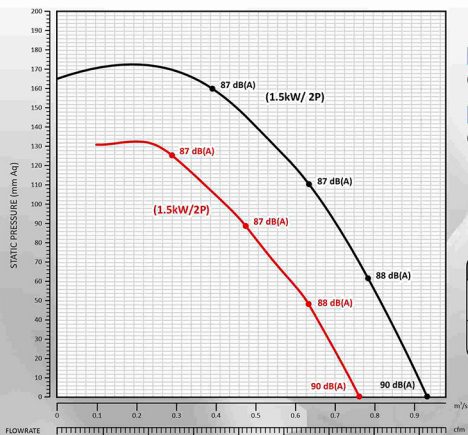
MSFV 200-PP280

(1400 rpm)

Legend

MSFV 200-PP280

MSFV 200-PP250



MSFV 200-BCV300

(2800 rpm)

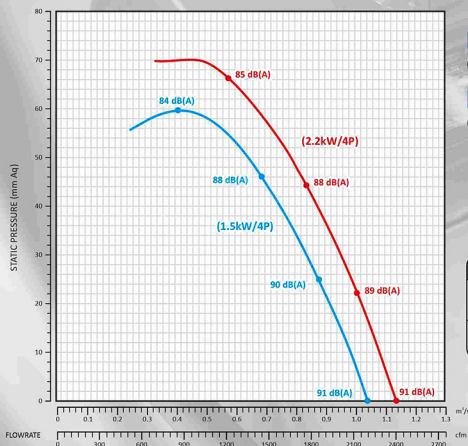
MSFV 200-BCV300 AH

(2800 rpm)

Legend

MSFV 200-BCV 300 AH

MSFV 200-BCV 300



MSFV 250-PP280

(1400 rpm)

MSFV 250-PP315

(1400 rpm)

Legend

MSFV 250-PP315

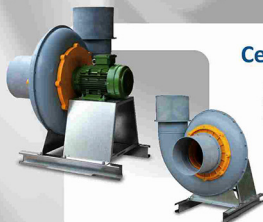
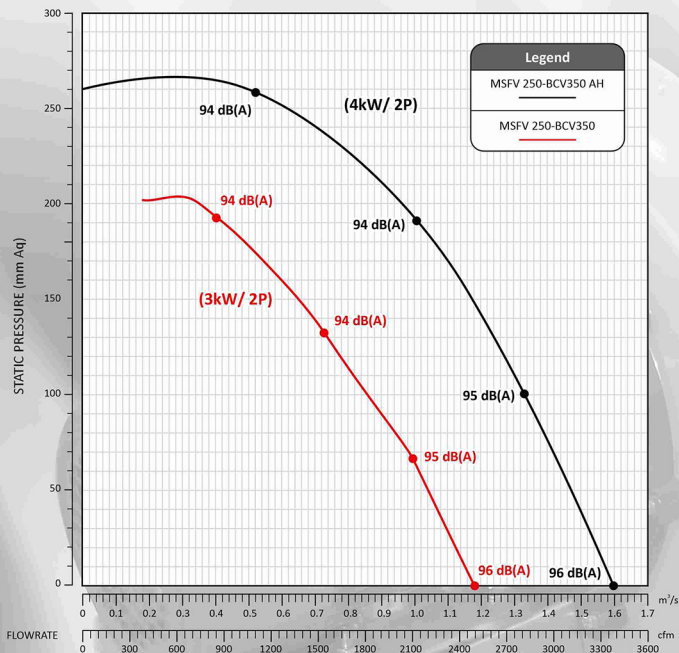
MSFV 250-PP280

MSFV 250-BCV350

(2800 rpm)

MSFV 250-BCV350 AH

(2800 rpm)



Centrifugal & MASSIVE FAN

We are specialists in Centrifugal & Axial Fan technology in Malaysia. Top-quality Centrifugal & Axial Fans tailored for commercial enterprises.



We provide advise, design, manufacture & service for industrial centrifugal fans from simple combustion fans to complex high temperature hazardous gas handling.

Welcome to contact our staff for enquiry or technical guidance.

MSFV Centrifugal Fan with Chimney

MSFV Centrifugal Fan is designed for industrial applications, providing powerful airflow for chimney and boiler systems.

MSFV 200-BCV 300 (8")

CCW



MSFV 200-BCV 300 (8")

CW

Customizable Centrifugal Fans
with our accessories to
meet your requirement.



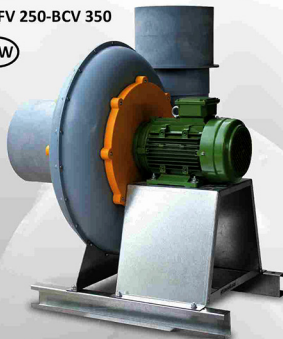
MSFV 250-BCV 350

(CW)



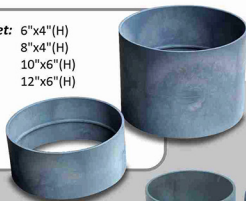
MSFV 250-BCV 350

(CCW)



Accessories for MSFV

Socket: 6"x4"(H)
8"x4"(H)
10"x6"(H)
12"x6"(H)



Chimney
8" / 10"



Adapter:
6" to 8"
8" to 10"
10" to 12"



Parts designed to enhance airflow in chimneys used for wood, gas or fuel-burning appliances.

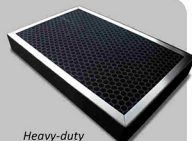
Material: Made from strong, high-density PP (polypropylene) for maximum corrosion resistance.



Carbon filter box
(8" / 10")

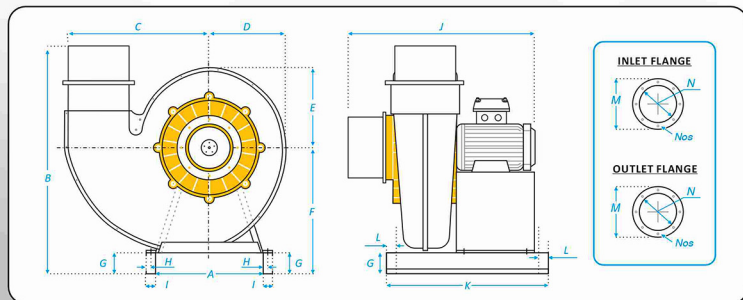


Easy
Replacement:
Slot in type



Heavy-duty
Honey Comb
Carbon Air Filter

Dimension of MSFV



* Measurement in mm *

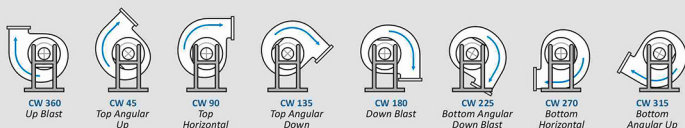
Inlet & Outlet Flange

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Nos
MSFV 160-PP200	338	619	338	204	211	356	76	19	38	525	512	31.75	Ø205	Ø152	PCD183 (Ø6X6nos)
MSFV 160-BCV200/BCV200 AH	338	619	338	204	211	356	76	19	38	525	512	31.75	Ø205	Ø152	PCD183 (Ø6X6nos)
MSFV 200-PP250 / PP280	410	711	432	241	254	406	76	19	38	590	600	31.75	Ø279	Ø205	PCD255 (Ø7X8nos)
MSFV 200-BCV300/BCV300 AH	410	711	432	241	254	409	76	19	38	590	600	31.75	Ø279	Ø205	PCD255 (Ø7X8nos)
MSFV 250-PP280 / PP315	410	859	537	300	316	491	76	19	38	710	673	31.75	Ø309	Ø252	PCD289 (Ø7X8nos)
MSFV 250-BCV350/BCV350 AH	410	859	537	300	316	491	76	19	38	710	673	31.75	Ø309	Ø252	PCD289 (Ø7X8nos)

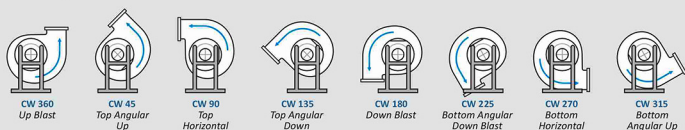
Fan Rotation

View from drive / motor side

Centrifugal Fan with Clockwise Rotation



Centrifugal Fan with Counter Clockwise Rotation



CW Rotation ONLY

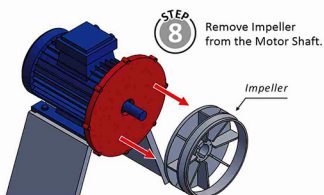
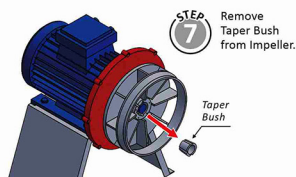
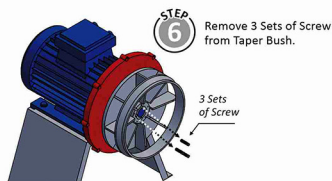
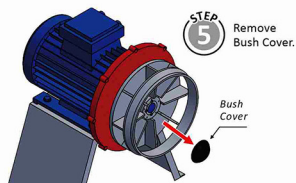
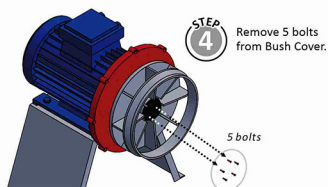
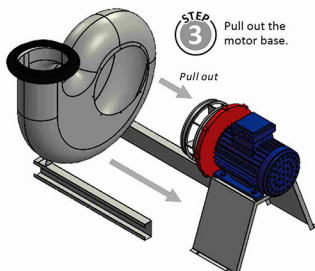
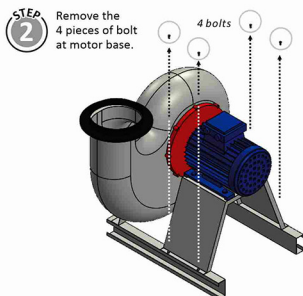
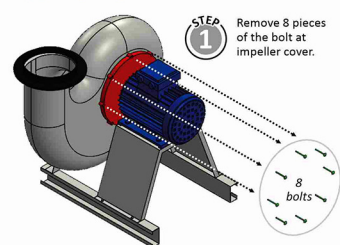
MSFV 160-PP200 / BCV200 & MSFV 250-PP315 / BCV350

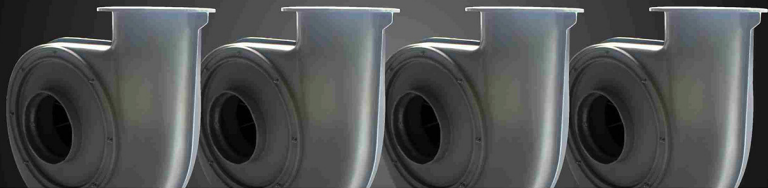
CW & CCW Rotation

MSFV 200-PP250 / PP280 / BCV300 & MSFV 250-PP280

NOTE: *Please Circle the Rotation with CHOP SIGN & Return to us upon CONFIRMATION.

Service Manual





MSV Series Centrifugal Fan

Dependability

The fans are used widely at hazardous areas, laboratories, scrubbers, etc. For hazardous areas, our fans are ATEX-certified where offer a maximum level of safety concerning static charge and sparks.



Material

Our fans housing are fully made of FRP (Fiber-reinforced Polypropylene) material, while the material for impeller we have option for either GRP (Glass-reinforced Polypropylene) or FRP. And for the fan base we have option for galvanized steel or fully stainless steel. Where it is suitable for outdoor installation.

Mounting

Our fans are available in both direct drive as well as belt driven. It also can be coupled with frequency converter. The air consumption for the fans are ranging from 1000cfm to 6000cfm and static pressure ranging from 200pa to 30000pa.

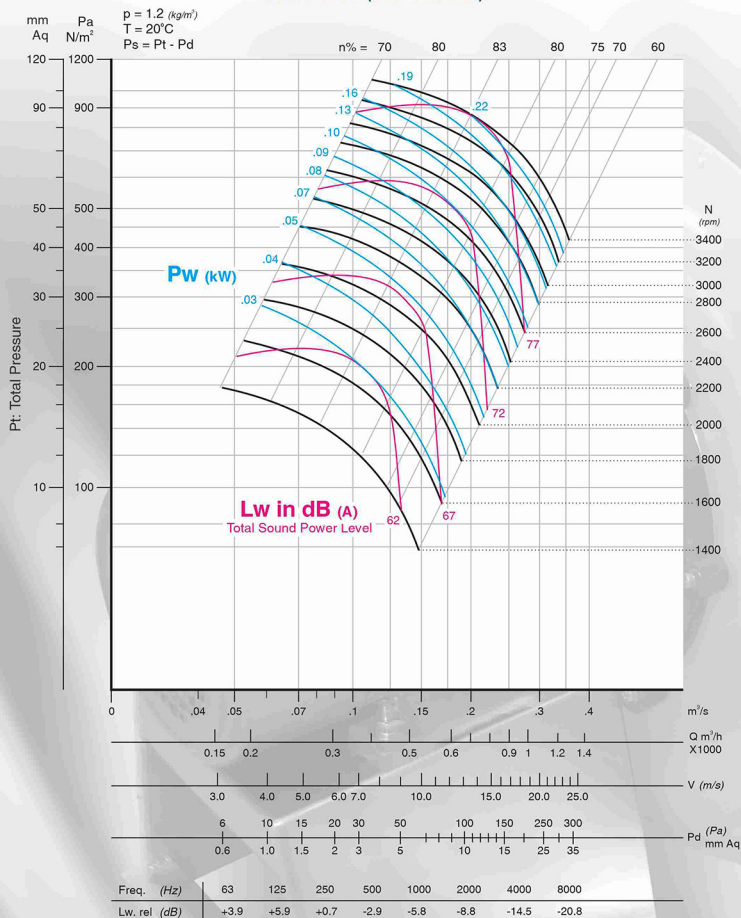
Maintenance

As for maintenance, we recommend to do annual check on:

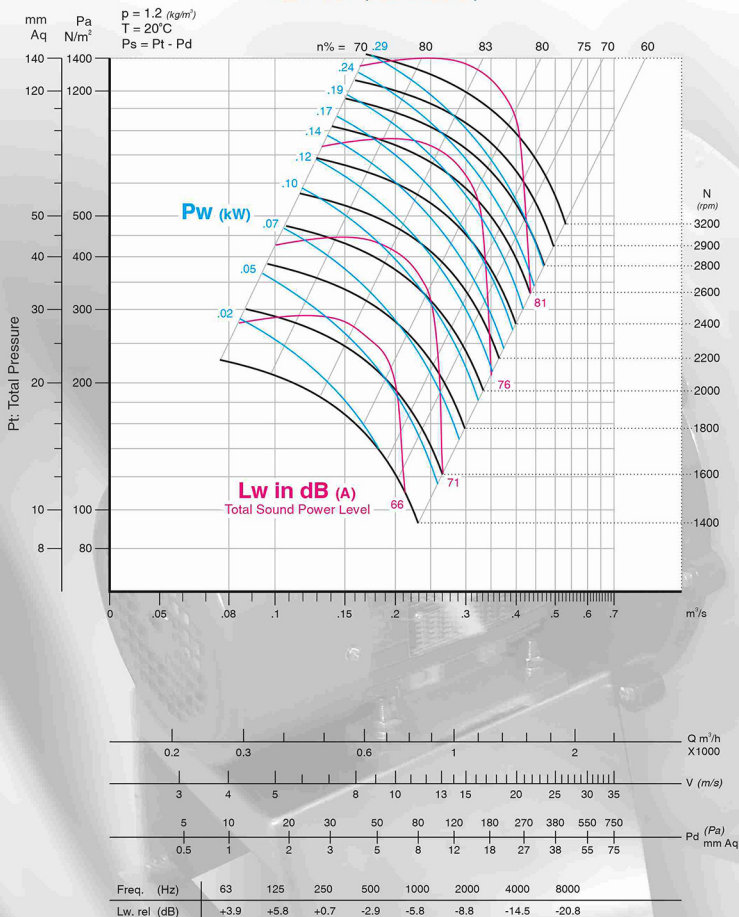
- Cleanliness of fan casing and impeller to avoid from damaging or interrupt the suction.
- Besides that, lubrication work have to be done on the bearings as well to prevent overheating of bearing and caused bearing to jam or leakage of grease. An auto-grease lubricator is suggested to be used.
- Checking on tightness of belt must be done as well.



MSV 140 (1400~3400RPM)



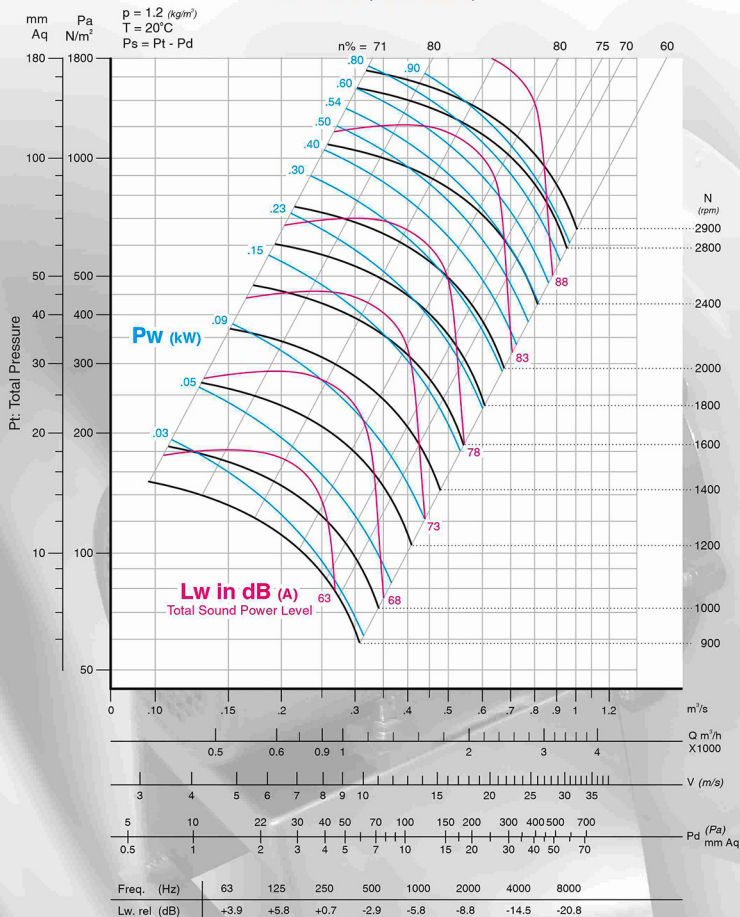
MSV 160 (1400~3200RPM)



- Performance certified for installation type B - Free Inlet, Ducted outlet.
- Performance ratings do not include the effects of appurtenance (accessories).

- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Values shown are for (inlet Lw(A)) sound power levels for installation Type B: free inlet, ducted outlet.

MSV 200 (900~2900RPM)



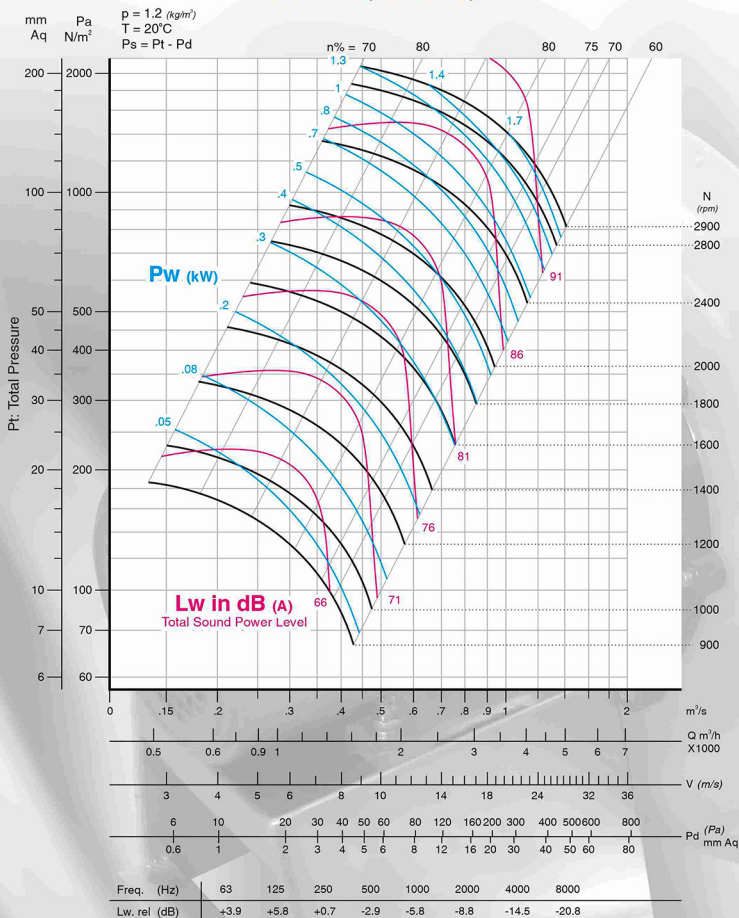
• Performance certified is for installation type B - Free inlet, Ducted outlet.

• Performance ratings do not include the effects of appurtenance (accessories).

• Speed (RPM) shown is nominal. Performance is based on actual speed of test.

• Values shown are for (inlet Lw(A)) sound power levels for installation Type B: free inlet, ducted outlet.

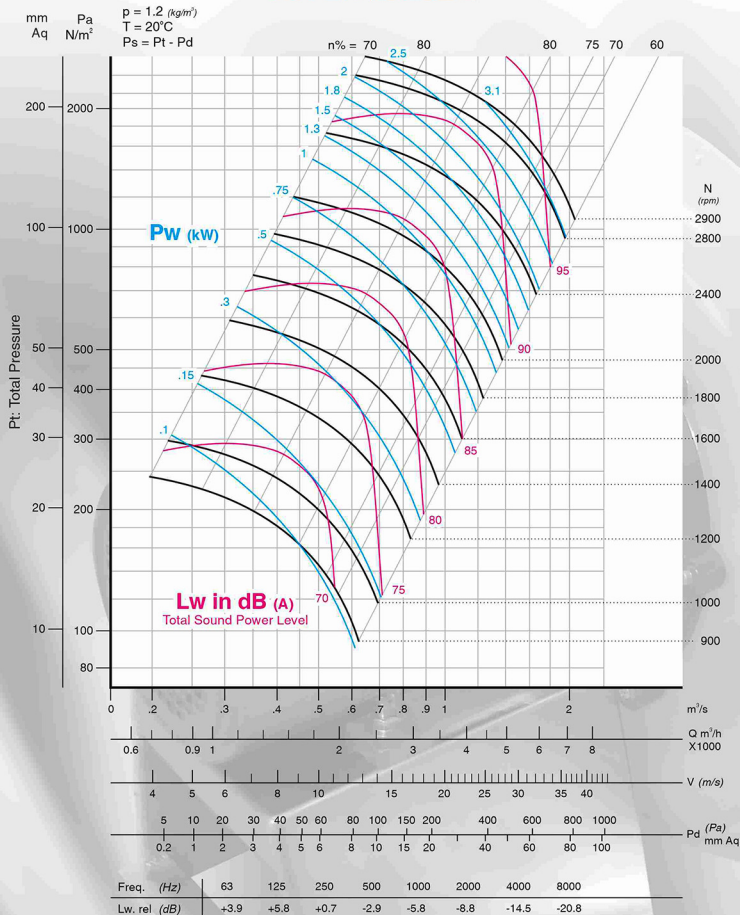
MSV 225 (900~2900RPM)



- Performance certified for installation type B - Free inlet, Ducted outlet.
- Performance ratings do not include the effects of appurtenance (accessories).

- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Values shown are for (inlet Lw(A) sound power levels for installation Type B: free inlet, ducted outlet.

MSV 250 (900~2900RPM)



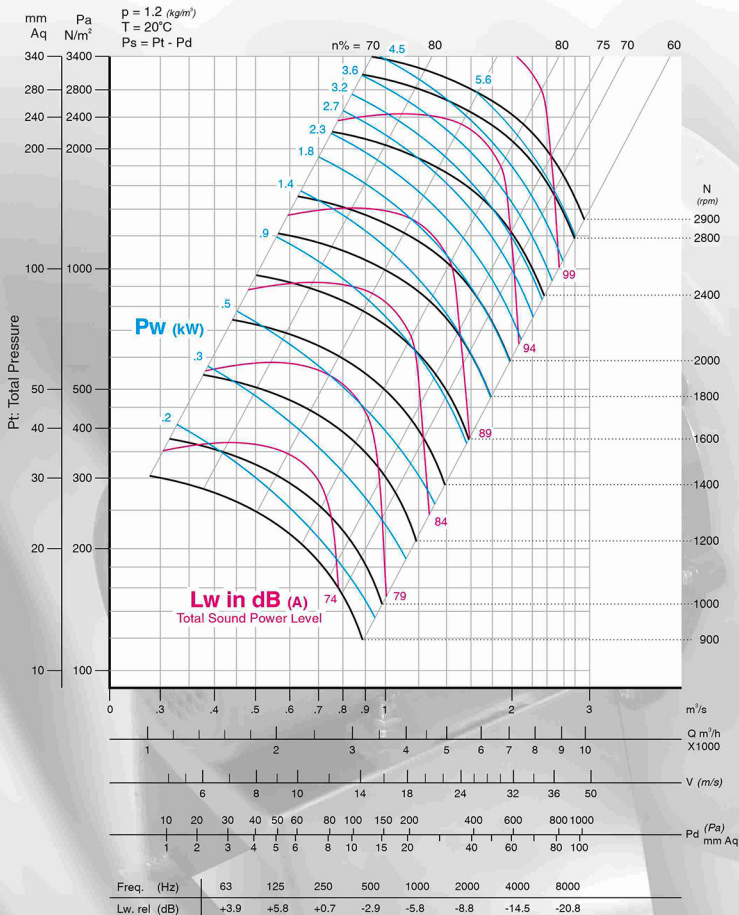
• Performance certified is for installation type B - Free inlet, Ducted outlet.

• Performance ratings do not include the effects of appurtenance (accessories).

• Speed (RPM) shown is nominal. Performance is based on actual speed of test.

• Values shown are for (inlet LwIA) sound power levels for installation Type B: free inlet, ducted outlet.

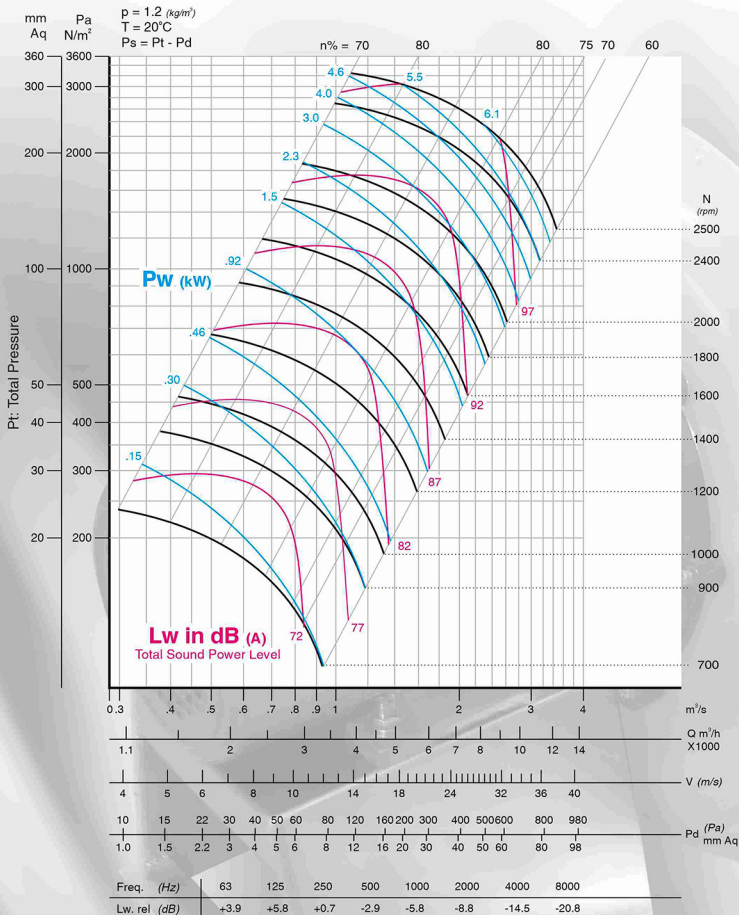
MSV 280 (900~2900RPM)



- Performance certified for installation type B - Free Inlet, Ducted outlet.
- Performance ratings do not include the effects of appurtenance (accessories).

- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Values shown are for (inlet Lw(A) sound power levels for installation Type B: free inlet, ducted outlet.

MSV 315 (700~2500RPM)



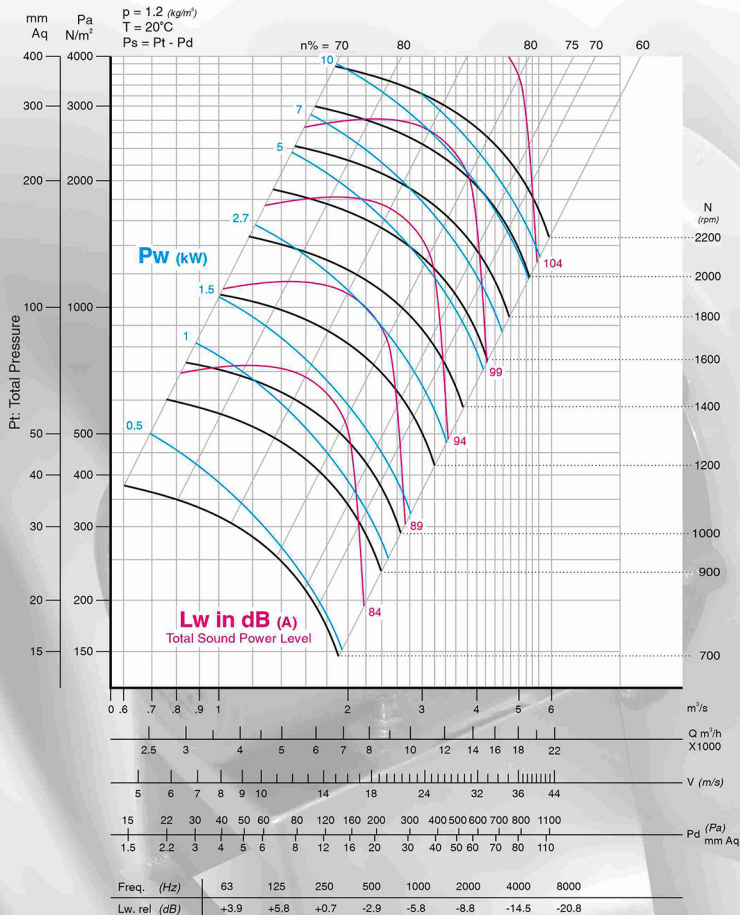
• Performance certified is for installation type B - Free inlet, Ducted outlet.

• Performance ratings do not include the effects of appurtenance (accessories).

• Speed (RPM) shown is nominal. Performance is based on actual speed of test.

• Values shown are for (inlet LwA) sound power levels for installation Type B: free inlet, ducted outlet.

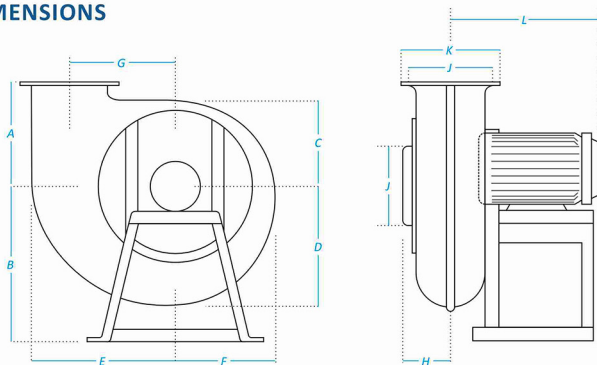
MSV 400 (700~2200RPM)



- Performance certified for installation type B - Free Inlet, Ducted outlet.
- Performance ratings do not include the effects of appurtenance (accessories).

- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Values shown are for (inlet Lw(A)) sound power levels for installation Type B: free inlet, ducted outlet.

DIMENSIONS



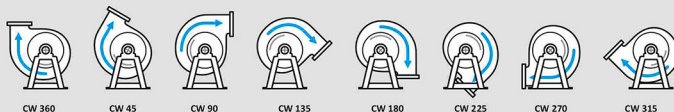
Dimension Table

(measurement in mm)

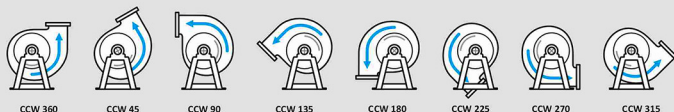
Model	A	B	C	D	E	F	G	H	J	K	L
MSV 140	195	300	161	215	261	182	200	120	140	200	291
MSV 160	225	330	180	250	300	216	220	200	160	250	324
MSV 200	270	420	220	330	410	280	290	210	200	300	340
MSV 225	295	440	245	345	410	290	300	220	225	335	400
MSV 250	375	460	280	380	465	320	345	220	250	355	400
MSV 280	400	510	310	420	470	430	350	230	280	360	480
MSV 315	475	585	365	489	565	395	410	235	315	420	530
MSV 400	420	700	340	550	600	440	410	272	400	500	655

Fan Rotation *View from drive / motor side*

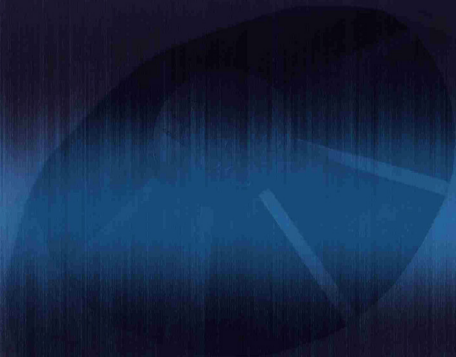
Centrifugal Fan with Clockwise Rotation



Centrifugal Fan with Counter Clockwise Rotation



NOTE: *Please Circle the Rotation with CHOP SIGN & Return to us upon CONFIRMATION.



for further details or information, please contact:



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