



VORTICE

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INDUSTRIAL VENTILATION 

MPC RANGE

NEW



We work to promote life quality
and to contribute to the social evolution
through eco-friendly products
that move air **safely and efficiency.**



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MPC HP RANGE

MPC ED RANGE

**HOT FUMES
EXTRACTION**





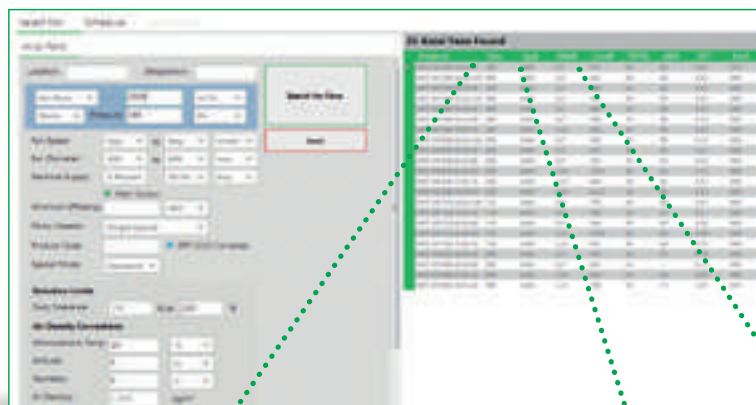
MPC HP RANGE

Fully cased axial flow fans

MPC HP are fully cased axial flow fans, all compliant with ErP Reg. N° 327/2011/UE, which combine high performances with high efficiencies. Impellers are dynamically balanced to minimize vibration levels and assure smooth operation; blade pitch angles can be manually adjusted to offer performance flexibility. Compatible with both horizontal and vertical installation, the fans of MPC HP series are designed to meet the ventilation requirements of large commercial and industrial environments.

The range consists of 12 (from 400 mm to 1.400 mm), nominal diameters; air-flows are up to 190.000 m³/h (52.8 m³/s); each diameter is provided in a number of variants, including different number and pitch angle of the blades, size and number of poles of the motor and length of the casing, so as to cover a wide range of application needs.

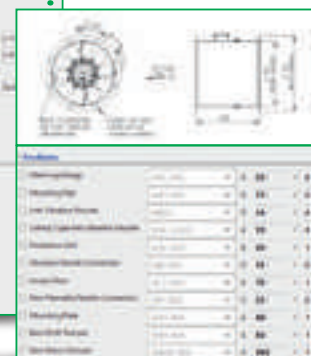
- Hot deep galvanized sheet metal casings for a long lasting protection against corrosion;
- Die-casted impellers; aerofoil-shaped blades to combine high efficiency and low noise; manually adjustable blade pitch.
- Three-phase, 2 or 4 poles (depending on model), F class insulated, IP55 protected, motors. Three-phase, two speed (Dahlander) motors (2/4 and 4/8 poles) available on request.
- IP67 terminal box mounted externally, outside the air-flow.



VORTICE FAN SELECTION

The selection of the different version and motors can be done through a dedicated software. This easy tools allow the sizing of the requested unit giving as output all informations regarding:

- Technical data;
- Performance curves;
- Identification code.





**ROBUST AND
CORROSION RESISTANT**

Casings made of hot-dip
galvanised steel

**HIGH
PERFORMANCES**

Up to 190.000 m³/h

**WIDE RANGE
OF OPERATING
TEMPERATURES**

-15 °C / + 50 °C

**EASY, QUICK
AND LOW COST INSTALLATION**

Long casings

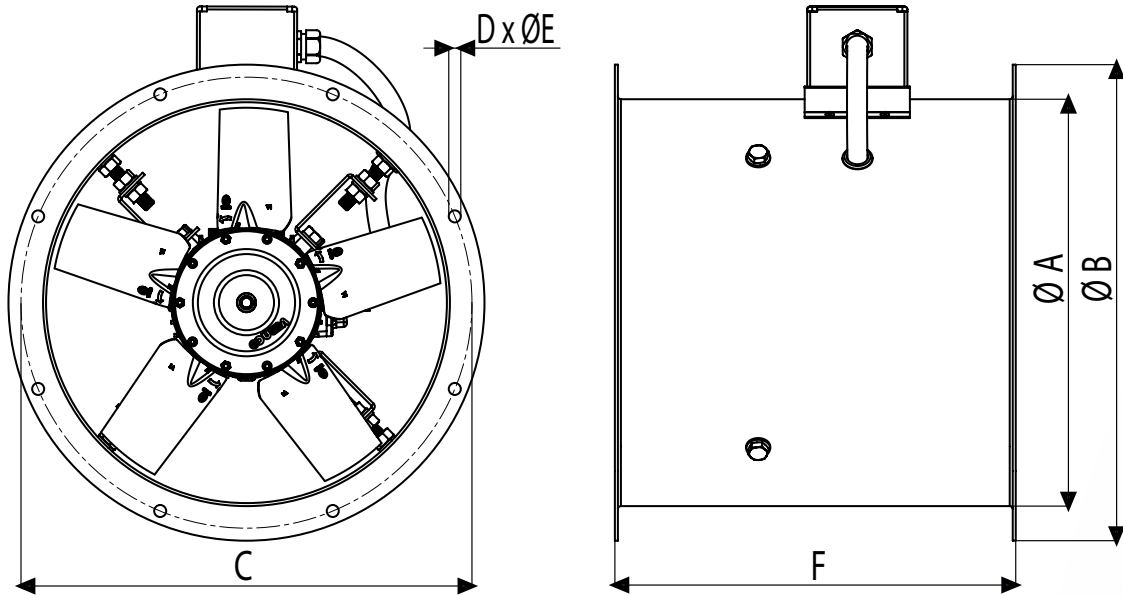




MPC HP RANGE

Fully cased axial flow fans

TECHNICAL DATA



Fan	Motor frame	Ø A	Ø B	Ø C	D x Ø E	F
400	80	400	475	450	8xØ12	400
	90					
450	80	450	475	500	8xØ12	400
	90					450
	100					
500	80	500	580	560	12xØ12	400
	90					450
	100					
560	80	560	645	620	12xØ12	400
	90					450
	100					570
	112					570
630	80	630	715	690	12xØ12	400
	90					450
	100					570
	112					710
	132					710
710	80	800	885	860	16xØ12	450
	112					570
	132					710
	160					790
	180					840
800	200	800	885	860	16xØ12	450
	80					570
	112					710
	132					790
800	160	800	885	860	16xØ12	840
	180					840
	180					840
	200					840

Fan	Motor frame	Ø A	Ø B	Ø C	D x Ø E	F
900	80	900	1000	970	16xØ12	450
	112					570
	132					710
	160					790
	180					
1000	80	1000	1110	1070	16xØ15	450
	112					590
	132					790
	160					840
	180					
1120	100	1120	1240	1190	20xØ15	590
	132					790
	160					840
	180					1000
	200					
1250	100	1250	1380	1320	20xØ15	590
	132					790
	160					840
	180					1000
	200					1100
1400	225	1400	1540	1470	20xØ15	590
	250					790
	132					840
	160					1000
	180					1100

ACCESSORIES



SLE/SLE-P
Silencers/
Silencers with pod



NRD
Rubber in share
anti-vibration mounts



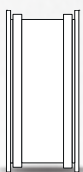
XS
Enclosed spring
anti-vibration mounts



MFL
Galvanized
counter flanges



MSC
Galvanized
wire guard



EBY
Circular flexible connections,
resistant up to 70 °C



MFT
Mounting brackets made
of hot-dip galvanized steel



MFT-C
Mounting brackets made
of epoxy coated steel



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