





12. Fans for corrosive environments

Picture *	Type	General description *
	...-INOX	<p>In addition to the composite and plastic fans illustrated below, most of your fans (centrifugal and axial) are available in stainless steel (AISI 304, 316L, ...or other on request) Picture : MEV-APF 711 ‘inox’</p>
	MDY-CCB	 <p>V = 4.000 / 48.000 m³/h P = max 750 Pa Bifurcated ducted axial fan in AISI 304. Diameter from 505 to 1.010 mm. Directly coupled motor <i>out of the air flow</i>. Use: hot smoke, fumes and vapors, fluids with high humidity and/or saturated by grease, oil or particles. For professional kitchen, painting booths, furnaces, foundries, cooling/evaporative tower,... Temperature max : 200°C.</p>
	MAV-VPH P	<p>V = 200 / 20.000 m³/h P = max 300 Pa Plastic spiral fan, for wall application, wall plate in PP, blades in reinforced PP, PP or aluminium hub coat, grid in stainless steel. Diameter from 250 to 700 mm. Use : transport d'air corrosif, vapeurs, fumées,...</p>
	MAV-VPH V	<p>Curves on request. Plastic spiral fan for pipe installation with pipe in PP, blades in PP reinforced, PP or aluminium hub with epoxy coating. Motor set in or out of the flow. Diameter 710 or 800. Use : transport d'air corrosif, vapeurs, fumées,...</p>

Picture *	Type	General description *
	<p>MDY-DIC-INOX</p>	<p>$V = 75 / 1.500 \text{ m}^3/\text{h}$ $P = 100-1.200 \text{ Pa}$ Small size forward curved blade centrifugal fan. Impeller diameter from 100 to 180 mm. Directly coupled motor. Use : all industrial applications where small air volumes and high pressures are requested. Clean air and not-dusty air and smokes. Temperature max: 80°C. Option : AT » version (150°C continuous) and/or ATEX version.</p> 
	<p>MDY-PR-AC</p>	<p>$V = 125 / 17.450 \text{ m}^3/\text{h}$ $P = 40 - 1.450 \text{ Pa}$ Centrifugal fan in plastic material (PE or PP), low noise, high efficiency. Use: smoke and corrosive vapors and smokes, high humidity air,.. Temperature max : 60°C. Option : available in ATEX version and et anti-static self-extinguishing PE (PER)</p> 
	<p>MVE-PCM</p>	<p>$V = 30 / 1.000 \text{ m}^3/\text{h}$ $P = \text{max } 450 \text{ Pa}$ Small size centrifugal plastic fan, with direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,.. Option : version ATEX.</p> 
	<p>MVE-PC</p>	<p>$V = 100 / 52.000 \text{ m}^3/\text{h}$ $P = \text{max } 9.800 \text{ Pa}$ Centrifugal fan in plastic materials with forward curve impeller, direct coupling, circular or rectangular outlet flange (depending models). Use: smoke and corrosive vapors and smokes, high humidity air,.. Option : version ATEX.</p> 

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	MVE-PA	<p>V = 70 / 2.000 m³/h P = max 930 Pa Centrifugal fan in plastic materials with forward curve impeller in <u>stainless steel</u>, direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,..</p>
	MVE-P	<p>V = 250 / 10.000 m³/h  P = max 1.800 Pa Centrifugal fan in plastic materials with backward curve impeller, direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,.. Option : version ATEX.</p>
	MVE-PQ	<p>V = 275 / 20.000 m³/h  P = max 3.800 Pa Centrifugal fan in plastic materials with backward curve impeller, direct coupling, execution 4 or 5. Use: smoke and corrosive vapors and smokes, high humidity air,.. Option : version ATEX.</p>
	MVE-P-T	<p>V = 300 / 10.000 m³/h P = max 1.800 Pa Centrifugal fan in plastic materials with backward curve impeller, belt coupling, execution 2.. Use: smoke and corrosive vapors and smokes, high humidity air,..</p>
	MVE-PR 50-80	<p>V = 2.000 / 55.000 m³/h P = max 4.900 Pa Centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,..</p>

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	MVE-PR-T 50-80	<p>V = 2.000 / 55.000 m³/h P = max 5.000 Pa Centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, belt coupling (ex.2). Use: smoke and corrosive vapors and smokes, high humidity air,..</p>
	MVE-PR 50-140	<p>V = 2.000 / 150.000 m³/h P = max 5.000 Pa Centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, direct coupling, rectangular outlet flange. Use: smoke and corrosive vapors and smokes, high humidity air,..</p>
	MVE-PR-T 50-140	<p>V = 2.000 / 160.000 m³/h P = max 4.500 Pa Centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, belt coupling (ex.2), rectangular outlet flange. Use: smoke and corrosive vapors and smokes, high humidity air,..</p>
	MVE-PMS	<p>V = 200 / 9.000 m³/h P = max 7.500 Pa High pressure centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,..</p> 
	MVE-PAS	<p>V = 250 / 5.000 m³/h P = max 6.800 Pa High pressure centrifugal fan in plastic materials with backward curve impeller in plastic or stainless steel, direct coupling. Use: smoke and corrosive vapors and smokes, high humidity air,..</p> 

Picture *	Type	General description *
	MVE-TCO NEW	V = 300 / 12.500 m ³ /h P = 100 / 1.100 Pa Roof fan for corrosive fluids completely made of plastic materials (PP). Backward-bladed impeller. Use : extraction of corrosive smoke and vapors. Temperature max : 60°C.
	MVE-TCV NEW	V = 300 / 15.000 m ³ /h P = max 3.500 Pa Roof fan for corrosive fluids completely made of plastic materials, with vertical outlet Use : extraction of corrosive smoke and vapors. Temperature max : 60°C. Option : ATEX, 2 speeds motor. 

* The above pictures and descriptions are not contractual and not exhaustive.