

11. “High temperature” fans



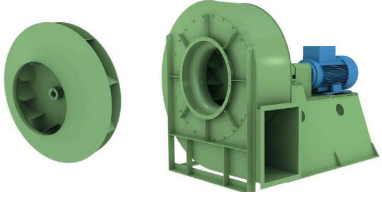





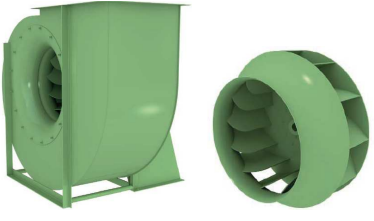








Picture *	Type	General description *
	MFI-FVT-V NEW	V = 0 / 4.400 m ³ /h P = max 640 Pa Thermal exhaust fan with forward curved impeller. With round connection spigots, maintenance door. Low sound level. Use : smoke extraction, industrial kitchens. Temperature max : 120°C continuous
	MFI-FVT-R NEW	V = 0 / 7.100 m ³ /h P = max 2.400 Pa Thermal exhaust fan with backward curved impeller. With round connection spigots, maintenance door. Low sound level. Use : smoke extraction, industrial kitchens. Temperature max : 120°C continuous
	MFI-FMBT NEW	V = 0 / 11.400 m ³ /h P = max 1.000 Pa Thermal exhaust unit, with freewheeling impeller with backward curved blades. Fat quenching tray installed. Speed controllable. Use : industrial kitchens Temperature max : 100°C continuous
	MDY-S-CUBE KAT NEW	V = 300 / 7.000 m ³ /h P = max 780 Pa Backward curve centrifugal box fans with double skin, for high temperature, motor external to the stream. Use : for industrial kitchens, for clean or dusty air with grease or combustion residuals Temperature max : 180°C continuous
	MDY-PR-Q-AT PR-Q-HT (previous MDY-SQ)	V = 200 / 9.000 m ³ /h P = 50 - 970 Pa Backward curved blade centrifugal fan with quadrangular construction. Use : all industrial applications: process, industrial kitchen,... Clean or slightly dusty air. Temperature max : 200°C with double speeds motor (MDY-PR-Q-AT-2V) ; 400°C/2H (MDY-PR-Q-HT-2V)






Picture *	Type	General description *
	MRE-UPDN NEW	$V = 700 / 57.000 \text{ m}^3/\text{h}$ $P = \text{max } 900 \text{ Pa}$ Smoke extract belt driven cabinet fan for 400°C/2H. Use : parkings, industrial kitechens, smoke extract in case of fire,... Temperature max : 400°C / 2H. 
	MDY-FC-2V-HT	$V = 300 / 18.000 \text{ m}^3/\text{h}$ $P = \text{max } 720 \text{ Pa}$ Single speed or double speed (Δ/λ) (2V) centrifugal roof extractor. Diameter from 220 to 530 mm. Directly coupled motor. Use : for direct or ducted ventilation in residential, commercial and industrial buildings. Clean or slightly dusty air. Temperature max : « AT » version (200°C continuous) and « HT » version (400°C/2H).  
	MDY-TIRAFUMO NEW	$V = 0 / 850 \text{ m}^3/\text{h}$ $P = \text{max } 200 \text{ Pa}$ Roof radial extract fan for chimneys. Backward curved impeller. Direct driven. Use : to draw out smoke from domestic fireplace. Temperature max : 200°C continuous. Option : counter-base, eyebolt, speed regulator,.. 
	MDY-TAV-HT	Performances on request (min. 8.000 m³/h) Vertical discharge axial roof fan (better efficiency and faster dispersion of the air). Diameter from 800 to 1.400 mm. Directly coupled motor. Use : to extract large air volumes, for direct or ducted ventilation. Clean air. Temperature max : « HT » version : 400°C/2H – 250°C/2H – 300°C/1H. 
	MDY-CC-HT	$V = 1.400 / 57.000 \text{ m}^3/\text{h}$ $P = \text{max } 500 \text{ Pa}$ Ducted axial fan. Diameter from 310 to 1.250 mm. Directly coupled motor. Use : large airflow with relatively low pressure drop, like industrial, naval, civil, energetic fields,... Clean air. Temperature max : version « HT » : 400°C/2H – 250°C/2H – 300°C/1H. Option : available in ATEX version.  

Picture *	Type	General description *
	MSP-TCDT NEW	 <p>V = 2.000 / 33.000 m³/h P = max 500 Pa Wall mounted axial flow fan. Manufactured in AISI 304. With (reversible) aluminium impeller Diameter from 570 to 915 mm. Direct driven. Use : industrial dryers. Temperature max : 85°C (option 150°C) and 100% RH.</p>
	MDY-DIC-AT	  <p>V = 75 / 1.500 m³/h P = 100-1.200 Pa Small size forward curved blade centrifugal fan. Impeller diameter from 100 to 180 mm. Directly coupled motor. Use : where small air volumes and high pressures are requested. Clean air and not-dusty air and smokes. Temperature max: « AT » version (150°C continuous). Option : available in ATEX version.</p>
	MDY-DIC-AT-INOX	  <p>V = 75 / 1.500 m³/h P = 100-1.200 Pa Small size forward curved blade centrifugal fan in stainless steel AISI 304. Impeller diameter from 100 to 180 mm. Directly coupled motor. Use : where small air volumes and high pressures are requested. Corrosive smokes. Temperature max: « AT » version (150°C continuous). Option : available in ATEX version.</p>
	MSP-CRMT-HT NEW	 <p>V = 300 / 15.900 m³/h P = 10-2.300 Pa Forward curved blade centrifugal fan. Directly coupled motor. With special coating and cooling fan. Use : professional kitchens, furnaces, painting booths, foundries,... Temperature max : 300°C, 400°C/2H.</p>

Picture *	Type	General description *
	MDY-F MRE-CMA	  $V = 0 / 3.550 \text{ m}^3/\text{h}$ $P = \text{max } 4.000 \text{ Pa}$ Radial blade centrifugal fan in aluminium. Low noise level. Direct driven. Use : for industrial applications where small air volumes and high pressures are required. Clean and not abrasive dusty air. Temperature max : 80°C. Options : ATEX, 'AT' (max 250°C)
	MSO-AXI JM 33 NEW	 $V = \text{max } 3.520 \text{ m}^3/\text{h}$ $P = \text{max } 380 \text{ Pa}$ Bifurcated fan, with motor outside the air flow. Limited dimensions (diam. 150 - 305 mm). For hot air extraction, fumes and vapors, fluids with high humidity and/or saturated by grease oil or particles. Use: professional kitchens, painting booths, furnaces, cooling towers,... Temperature max : 200°C.
	MSP-TETN- AT NEW	 $V = \text{max } 21.000 \text{ m}^3/\text{h}$ $P = \text{max } 270 \text{ Pa}$ Bifurcated ducted axial fan with motor outside the air flow (diam. 400 to 1.000 mm). For hot air extraction, fumes and vapors, fluids with high humidity and/or saturated by grease oil or particles. Use: professional kitchens, painting booths, furnaces, cooling towers,... Temperature max : 150°C.
	MDY-CCB	 $V = 4.000 / 48.000 \text{ m}^3/\text{h}$ $P = \text{max } 750 \text{ Pa}$ 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.

Picture *	Type	General description *
	<p>MSP-TTT-AT</p> <p>NEW</p>	<p>V = 2.000 / 32.000 m³/h P = 50 / 500 Pa</p> <p>Belt-driven ducted axial fan with motor outside the drum. With opening of the casing for easy maintenance.</p> <p>Use : for ventilation of air rich of smoke, dust and humidity,...</p> <p>Température max : 150°C.</p> 
	<p>MDY-PR-L-AT</p>	<p>V = 1.000 / 95.000 m³/h P = 120 – 3.600 Pa</p> <p>Backward curved blade centrifugal fan. Direct coupled motor or belt drive.</p> <p>Use: ventilation, filtration, process (baker ovens, spray booths, dryers, boilers, silos, cooling systems,... Clean or slightly dusty air.</p> <p>Temperature max: « AT » version (max 150° or 300°C).</p> 
	<p>MDY-PS-L-AT</p>	<p>V = 300 / 38.500 m³/h P = 350 – 5.500 Pa</p> <p>Backward curved blade centrifugal fan. Direct coupled motor or belt drive.</p> <p>Use : ventilation, filtration, process (wood industry, chemical industry, mills, mines, foundries, ...). Very dusty non-abrasive air and smoke. Temperature max: « AT » version (max 150° or 300°C).</p> 
	<p>MDY-PV-L-AT</p>	<p>V = 330 / 6.500 m³/h P = 1.300 – 6.800 Pa</p> <p>High pressure backward curved blade centrifugal fan. Direct coupled motor or belt drive.</p> <p>Use: pneumatic transport, ventilation, filtering in foundries, cement factories, mines, marble, glass factories, furnaces,... Clean or slightly dusty air and smoke.</p> <p>Temperature max: « AT » version (max 150° or 300°C)</p> <p>Option : available in ATEX version or INOX version.</p> 

Picture *	Type	General description *
	MEV-APR/N8-HT	  <p>V = 2.400 / 150.000 m³/h P = 5.000 / 17.500 Pa Centrifugal medium and high pressure fan. High efficiency reverse-blade impeller. Direct coupling by means of an elastic joint. Maximum sturdiness keeping the noise very low. Use : aspiration of clean and dusty air. Max air temperature : 350°C with cooling fan. Option : available in ATEX version.</p>
	MEV-BPc-HT	  <p>V = 1.800 / 95.000 m³/h P = 300 / 1.600 Pa Low pressure centrifugal fan. Impeller with blade curved forward. Belt drive. Use : aspiration of extremely dusty air. Max air temperature : 350°C with cooling fan. Option : available in ATEX version.</p>
	MEV-BPRc-HT	  <p>V = 2.400 / 200.000 m³/h P = 300 / 4.000 Pa Low pressure centrifugal fan. High efficiency and low noise reverse-blade impeller. Belt drive. Use: aspiration of clean or slightly dusty air. Max air temperature: 350°C with cooling fan. Option : available in ATEX version.</p>
	MEV-EUc-HT	  <p>V = 1.500 / 160.000 m³/h P = 500 / 5.500 Pa Low and medium pressure centrifugal fan. High efficiency impeller with special profile blades. Belt drive. Use : aspiration dusty air, fumes, granulated materials, sawdust or even small wood shavings, excluding filamentous materials. Max air temperature : 350°C with cooling fan. Option : available in ATEX version.</p>
	MEV-EUMc-HT	  <p>V = 1.500 / 180.000 m³/h P = 1.500 / 8.000 Pa Low and medium pressure centrifugal fan. High efficiency impeller with special profile blades. Belt drive. Use : aspiration dusty air, fumes, granulated materials, sawdust. Max air temperature : 350°C with cooling fan. Option : available in ATEX version.</p>

Picture *	Type	General description *
	<p>MEV-TRc-HT</p>	<p>V = 2.400 / 140.000 m³/h  </p> <p>P = 1.000 / 8.000 Pa</p> <p>Low and medium pressure centrifugal fan. High efficiency and low-noise reverse-blade impeller. Belt drive.</p> <p>Use: aspiration of dusty air, fumes, granulated materials, sawdust or even small wood shavings, excluding filamentous materials.</p> <p>Max air temperature: 350°C with cooling fan.</p> <p>Option : available in ATEX version.</p>
	<p>MEV-BRA</p>	<p>V = 180 / 96.000 m³/h </p> <p>P = 130 / 4.000 Pa</p> <p>Hoven circulators are usually « taylor made » according hoven specifications. Temperature up to 400°C (following construction). Direct coupled on the motor shaft or on separate shaft. Different material (steel, inox, inox 321, Creusabro,...). Special cooling device on the shaft.</p>

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