

900 RPM Single Inlet Centrifugal Fans SMA Series



- Low, medium pressure centrifugal fan with direct coupling.
- Housing made of galvanized pressed steel.
- Impeller with sparse wide scooped blades for easy cleaning and prevention of oily residue buildup.
- Impeller made of galvanized pressed steel statically and dynamically balanced.
- Standard asynchronous squirrel-cage motor (6-pole) with IP-55 protection and class F insulation.
- High quality, advanced technology.
- According to ANSI AMCA 210 - 85 and ASHRAE 51 - 1985.

Application : Suitable for industrial applications, commercial kitchens, steak houses etc.

Under request:

Fans for 60Hz and special voltages.

2 speed motor.

Greater horsepower.

Housing made of stainless steel (SMAN series).

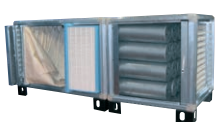
Housing made of pressed steel sheet protected by electrostatic, epoxy paint.

Fan mounting inside a Fan Section (SMABOX series).

Technical Characteristics SMA 6M (900RPM / 230V)						
Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMA 250 6M 0,5	0,37	250	225 x 345	275 x 395	4.000	€ 275,00
SMA 300 6M 1,0	0,75	300	275 x 405	325 x 455	6.000	€ 393,00
SMA 350 6M 1,5	1,1	300	275 x 405	325 x 455	8.000	€ 491,00
SMA 350 6M 2,0	1,5	350	325 x 455	375 x 505	10.000	€ 629,00

Technical Characteristics SMA 6T (900RPM / 400V)						
Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMA 250 6T 0,5	0,37	250	225 x 345	275 x 395	4.000	€ 275,00
SMA 300 6T 1,0	0,75	300	275 x 405	325 x 455	6.000	€ 393,00
SMA 300 6T 1,5	1,1	300	275 x 405	325 x 455	8.000	€ 491,00
SMA 300 6T 2,0	1,5	350	325 x 455	375 x 505	10.000	€ 591,00
SMA 300 6T 3,0	2,2	350	325 x 455	375 x 505	11.000	€ 719,00
SMA 450 6T 4,0	3	450	570 x 440	375 x 505	15.000	€ 1.244,00
SMA 450 6T 5,5	4	450	570 x 440	630 x 500	16.000	€ 1.489,00

Accessories



Active Carbon Filters



Active Carbon Filters combined with Activated Alumina



Electrostatic Filters



Asynchronous Electric Motors



Baffle Type Grease Filter



Grease filter

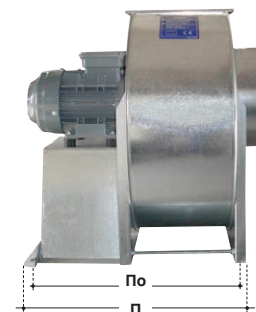
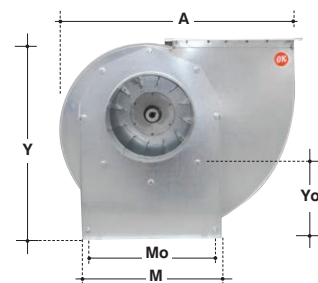


Wall Mounting Set

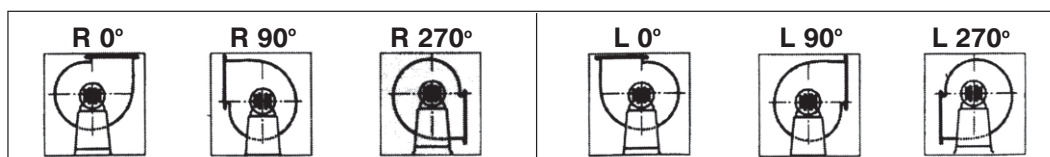
Single Inlet Centrifugal Fans



Dimensions SMA 900 RPM (mm)								
Type	Power (kW)	Y (Height)	Y0	M (Length)	M0	Π (Width)	Π0	A
SMA 250 0,5	0,37	570	230	700	320	520	470	690
SMA 300 1,0	0,75	680	260	820	400	620	570	810
SMA 300 1,5	1,10	680	260	820	400	620	570	810
SMA 350 2,0	1,50	760	290	900	440	700	610	890
SMA 350 3,0	2,20	760	290	900	440	700	610	890
SMA 450 4,0	3,00	1000	300	900	510	990	790	1010
SMA 450 5,5	4,00	1000	300	900	510	990	790	1010



Caution: 400V (three phase) motors should be protected by thermal contacts.



Speed Controllers Inverters

- Absolutely smooth operation for the electric motor.
- Energy saving up to 60%.
- Over speed operation (edge function).
- 230V input voltage inverter for controlling up to 4 HP in three phase motors.
- 400V input voltage inverter for any horsepower rating.
- Speed controllers, pages 320-323.



Single Inlet Fan Outlet Reductions

Inlet Flange (mm)	Type A	Price	Type B	Price
250	SE250A	€ 30,00	SE250B	€ 19,00
300	SE300A	€ 33,00	SE300B	€ 21,00
350	SE350A	€ 39,00	SE350B	€ 23,00
450	SE450A	€ 58,00		

Fan Impellers



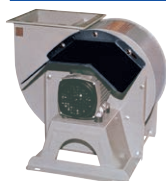
counterclockwise



clockwise

Fan Impellers SMA Series 900 RPM		
Type	Power (kW)	Price
IMP6 0,5	0,37	€ 73,00
IMP6 1,0	0,75	€ 98,00
IMP6 1,5	1,1	€ 133,00
IMP6 2,0	1,5	€ 146,00
IMP6 3,0	2,2	€ 171,00
IMP6 4,0	3	€ 384,00
IMP6 5,5	4	€ 420,00

Single Inlet Fan Rain Shelters



Type	Inlet Flange (mm)	Price
RS 200-250	200 – 250	€ 16,00
RS 300-350	300 – 350	€ 22,00



900 Rpm Single Inlet Fans Performance Curves

- The performance characteristics measurements of SINGLE INLET centrifugal fans, manufactured in our factory, were carried out according to the following US standards: ANSI AMCA 210 - 85 and ASHRAE 51 - 1985.

