

1450 RPM Stainless Steel Single Inlet Centrifugal Fans SMAN Series



- Low, medium pressure centrifugal fan with direct coupling.
- Housing made of inox stainless steel.
- Impeller with sparse wide scooped blades for easy cleaning and prevention of oily residue buildup.
- Impeller made of inox stainless steel, statically and dynamically balanced.
- Standard asynchronous squirrel-cage motor (4-pole) with IP-55 protection and class F insulation.
- High quality, advanced technology.
- According to ANSI AMCA 210 - 85 and ASHRAE 51 - 1985.

Under request:

Fans for 60Hz and special voltages.

2 speed motor.

Greater horsepower.

Application: Suitable for corrosive industrial applications, food - drink - pharmaceutical industries.

Technical Characteristics SMAN 4M (1450RPM / 230V)

Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMAN 200 4M 0,5	0,37	200	205 x 245	255 x 295	2.500	€ 412,00
SMAN 250 4M 1,0	0,75	250	225 x 345	275 x 395	5.000	€ 482,00
SMAN 250 4M 1,5	1,1	250	255 x 345	305 x 395	6.000	€ 588,00
SMAN 300 4M 2,0	1,5	300	275 x 405	325 x 455	8.000	€ 713,00
SMAN 300 4M 3,0	2,2	300	275 x 405	325 x 455	9.000	€ 1.011,00

Technical Characteristics SMAN 4T (1450 RPM / 400V)

Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMAN 200 4T 0,5	0,37	200	205 x 245	255 x 295	2.500	€ 412,00
SMAN 250 4T 1,0	0,75	250	225 x 345	275 x 395	5.000	€ 482,00
SMAN 250 4T 1,5	1,1	250	255 x 345	305 x 395	6.000	€ 588,00
SMAN 300 4T 2,0	1,5	300	275 x 405	325 x 455	8.000	€ 677,00
SMAN 300 4T 3,0	2,2	300	275 x 405	325 x 455	9.000	€ 862,00
SMAN 350 4T 3,0	2,2	350	325 x 405	375 x 455	10.000	€ 912,00
SMAN 350 4T 4,0	3	350	325 x 455	375 x 505	11.000	€ 1.072,00
SMAN 350 4T 5,5	4	350	325 x 455	375 x 505	13.000	€ 1.373,00
SMAN 450 4T 7,5	5,5	450	570 x 440	630 x 500	16.000	€ 2.322,00

Accessories



Active Carbon Filters



Active Carbon Filters combined with Activated Alumina



Electrostatic Filters



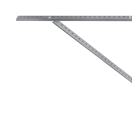
Asynchronous Electric Motors



Baffle Type Grease Filter



Grease filter

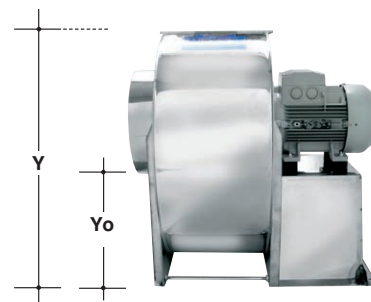
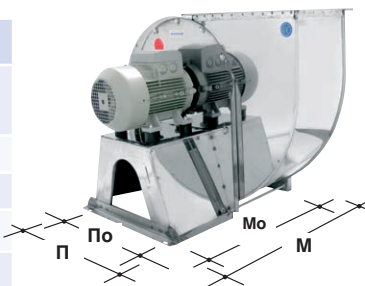


Wall Mounting Set

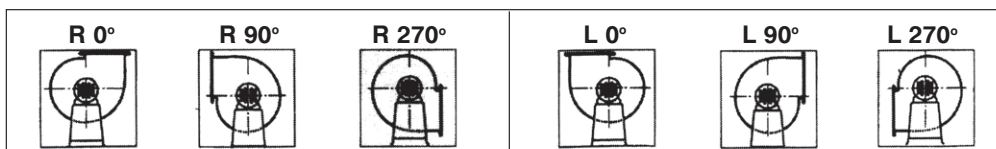
Single Inlet Centrifugal Fans



Dimensions SMAN 1450 RPM (mm)								
Type	Power (kW)	Y (Height)	Y0	M (Length)	M0	Π (Width)	Π0	A
SMAN 200 0,5	0,37	460	170	550	280	470	410	540
SMAN 250 1,0	0,75	570	230	700	320	520	470	690
SMAN 250 1,5	1,10	570	230	700	320	550	490	690
SMAN 300 2,0	1,50	680	260	820	400	620	570	810
SMAN 300 3,0	2,20	680	260	820	400	620	570	810
SMAN 350 3,0	2,20	680	240	820	400	700	610	890
SMAN 350 4,0	3,00	780	290	900	440	700	610	890
SMAN 350 5,5	4,00	780	290	900	440	700	610	890
SMAN 450 7,5	5,50	1000	300	900	510	990	790	1010



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



Speed Controllers Inverters

Speed Controllers

- 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.



- 220V voltage AK-50 speed controller only for 1450 rpm electric motors up to 1,0HP.

Price: 70,00 €



- 220V voltage AK-51 speed controller for 1,5HP & 2HP electric motor.

Price: 140,00 €

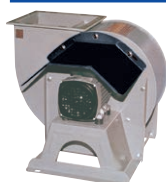


Single Inlet Fan Outlet Reductions (Inox)

Inlet Flange (mm)	Type A	Price	Type B	Price
200	SEN200A	€ 58,00	SEN200B	€ 36,00
250	SEN250A	€ 60,00	SEN250B	€ 38,00
300	SEN300A	€ 66,00	SEN300B	€ 42,00
350	SEN350A	€ 78,00	SEN350B	€ 46,00
450	SEN450A	€ 116,00		

Single Inlet Fan Rain Shelters (Inox)

Single Inlet Fan Rain Shelters



Type	Inlet Flange (mm)	Price
RSN 200-250	200 – 250	€ 32,00
RSN 300-350	300 – 350	€ 44,00



counterclockwise



clockwise

Fan Impellers (Inox)		
Type	Power kW	Price
IMP4 0,5	0,37	€ 108,00
IMP4 1,0	0,75	€ 140,00
IMP4 1,5	1,1	€ 150,00
IMP4 2,0	1,5	€ 206,00
IMP4 3,0	2,2	€ 224,00
IMP4 4,0	3	€ 278,00
IMP4 5,5	4	€ 416,00
IMP4 7,5	5,5	€ 768,00