

## 1450 Rpm Belt Driven Single Inlet Centrifugal Fans SMABD Series



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

- Low, medium pressure centrifugal.
- V-belt and pulley transmission drive.
- 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 (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.  
 Housing made of stainless steel (SMAN series).  
 Housing made of pressed steel sheet protected by electrostatic, epoxy paint.  
 High temperature bearings for industrial use.

Technical Characteristics SMABD 4M (1450RPM / 230V)						
Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMABD 200 4M 0,5	0,37	200	205 x 245	255 x 295	2.500	€ 525,00
SMABD 250 4M 1,0	0,75	250	225 x 345	275 x 395	5.000	€ 589,00
SMABD 250 4M 1,5	1,1	250	255 x 345	305 x 395	6.000	€ 694,00
SMABD 300 4M 2,0	1,5	300	275 x 405	325 x 455	8.000	€ 861,00

Technical Characteristics SMABD 4T (1450 RPM / 400V)						
Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Air Flow (m³/h)	Price
			Internal	External		
SMABD 200 4T 0,5	0,37	200	205 x 245	255 x 295	2.500	€ 525,00
SMABD 250 4T 1,0	0,75	250	225 x 345	275 x 395	5.000	€ 589,00
SMABD 250 4T 1,5	1,1	250	255 x 345	305 x 395	6.000	€ 694,00
SMABD 300 4T 2,0	1,5	300	275 x 405	325 x 455	8.000	€ 861,00
SMABD 300 4T 3,0	2,2	300	275 x 405	325 x 455	9.000	€ 956,00
SMABD 350 4T 3,0	2,2	350	325 x 405	375 x 455	10.000	€ 1.029,00
SMABD 350 4T 4,0	3	350	325 x 455	375 x 505	11.000	€ 1.197,00
SMABD 350 4T 5,5	4	350	325 x 455	375 x 505	13.000	€ 1.642,00
SMABD 450 4T 7,5	5,5	450	570 x 440	630 x 500	16.000	€ 2.569,00

### Accessories



Active Carbon Filters



Active Carbon Filters combined with Activated Alumina



Electrostatic Filters



Asynchronous Electric Motors



Baffle Type Grease Filter



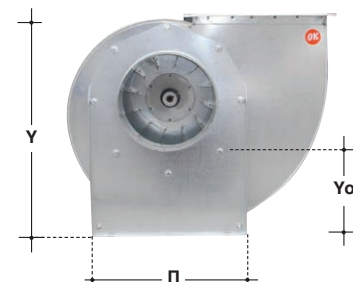
Grease filter



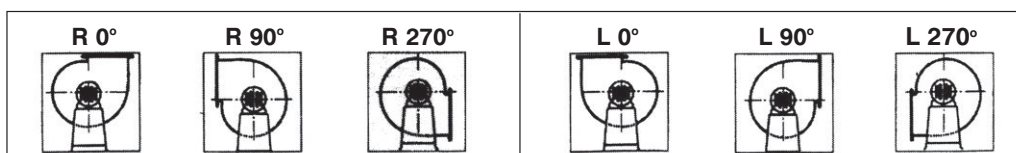
Wall Mounting Set

Dimensions SMABD 1450 RPM (mm)

Type	Power (kW)	Inlet Flange (mm)	M (Length)	Π (Width)	Y (Height)	Y0
SMABD 200 0,5	0,37	200	550	470	460	170
SMABD 250 1,0	0,75	250	700	520	570	230
SMABD 250 1,5	1,1	250	700	550	570	230
SMABD 300 2,0	1,5	300	820	620	680	260
SMABD 300 3,0	2,2	300	820 <td 620	680	260	
SMABD 350 3,0	2,2	350	820	700	680	240
SMABD 350 4,0	3	350	900	700	760	290
SMABD 350 5,5	4	350	900	700	760	290
SMABD 450 7,5	5,5	450	900	990	1000	300



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



## Speed Controllers Inverters

- 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.

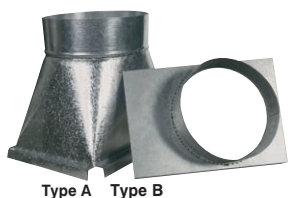


## Speed Controllers

- 220V voltage AK-50 speed controller only for 1450 rpm electric motors up to 1,0HP.
- 220V voltage AK-51 speed controller for 1,5HP & 2HP electric motor.

Price: 70,00 €

Price: 140,00 €



## Single Inlet Fan Outlet Reductions

Inlet Flange (mm)	Type A	Price	Type B	Price
200	SE200A	€ 29,00	SE200B	€ 18,00
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



Fan Impellers SMABD Series 1450 RPM

Type	Power (kW)	Price
IMP4 0,5	0,37	€ 54,00
IMP4 1,0	0,75	€ 70,00
IMP4 1,5	1,1	€ 75,00
IMP4 2,0	1,5	€ 103,00
IMP4 3,0	2,2	€ 112,00
IMP4 4,0	3	€ 139,00
IMP4 5,5	4	€ 208,00
IMP4 7,5	5,5	€ 384,00