

**Application: Suitable for laboratories, restaurants, cabins, plastic industry, burners, churches, car workshops etc.**

## 1450 RPM Single Inlet Centrifugal Fans with Forward Curved Blades (Sirocco Type) SMAS Series

- Low, medium pressure centrifugal fan with direct coupling.
- Housing made of galvanized pressed steel.
- 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.

### Under request:

Fans for 60Hz and special voltages.

2 speed motor.

Flanged motor.

Protective net.

Damper in order to control airflow.

Housing made of stainless steel.

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

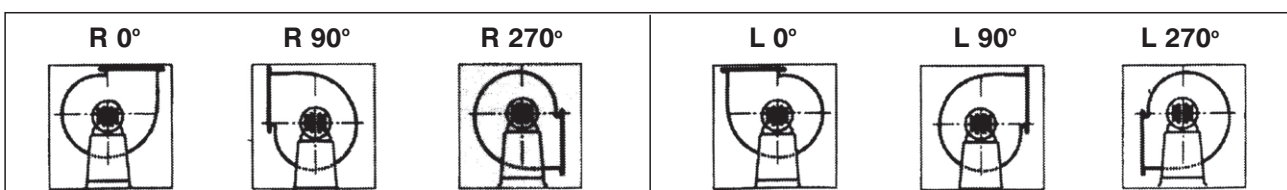
Technical Characteristics SMAS Series 4M (1450RPM / 230V)

Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Impeller (mm)	Total Pressure (Pa)	Air Flow (m³/h)	Price
			Internal	External				
SMAS 120 4M 0,25	0,18	120	95 x 110	145 x160	133 x 52	130	380	€ 171,00
SMAS 120 4M 0,33	0,25	120	120 x150	170x200	160 x 62	160	900	€ 211,00
SMAS 140 4M 0,33	0,25	140	120 x150	170x200	180 x 75	200	1.250	€ 217,00
SMAS 160 4M 0,50	0,37	160	135 x165	185x215	200 x 82	260	1.750	€ 237,00
SMAS 180 4M 0,50	0,37	180	140x175	190x225	225 x 92	350	2.550	€ 256,00

Technical Characteristics SMAS Series 4T (1450RPM / 400V)

Type	Power (kW)	Inlet Flange (mm)	Outlet Flange (mm)		Impeller (mm)	Total Pressure (Pa)	Air Flow (m³/h)	Price
			Internal	External				
SMAS 120 4T 0,25	0,18	120	95 x 110	145 x160	133 x 52	130	380	€ 171,00
SMAS 120 4T 0,33	0,25	120	120 x150	170x200	160 x 62	160	900	€ 211,00
SMAS 140 4T 0,33	0,25	140	120 x150	170x200	180 x 75	200	1.250	€ 217,00
SMAS 160 4T 0,50	0,37	160	135 x165	185x215	200 x 82	260	1.750	€ 237,00
SMAS 180 4T 0,50	0,37	180	140x175	190x225	225 x 92	350	2.550	€ 256,00

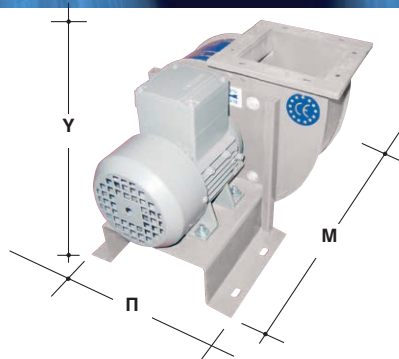
**Caution: 400V (three phase) motors should be protected by thermal contacts.**



# Single Inlet Centrifugal Fans



Dimensions SMAS (mm)			
Inlet Flange (mm)	Y (Height)	M (Length)	Π (Width)
120	300	320	230
140	390	380	300
160	420	400	330
180	460	420	360



## 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 320-322.

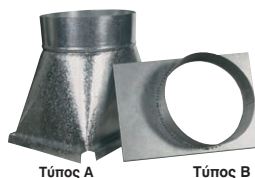


## Speed Controllers

- 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 €**



## Fan Impellers



## Single Inlet Fan Outlet Reductions

Inlet Flange (mm)	Type A	Price	Type B	Price
120	SE120A	€ 22,00	SE120B	€ 12,00
140	SE140A	€ 23,00	SE140B	€ 13,00
160	SE160A	€ 24,00	SE160B	€ 16,00
180	SE180A	€ 25,00	SE180B	€ 17,00

## Impellers with Forward Curved Blades (siroco)

Type	Dimensions (mm)	Price
IMPS 133	133 X 52	€ 30,00
IMPS 160	160 X 62	€ 39,00
IMPS 180	180 X 75	€ 45,00
IMPS 200	200 X 82	€ 68,00
IMPS 225	225 X 92	€ 92,00
IMPS 250	250 X 100	€ 141,00
IMPS 315	315 X 128	€ 192,00
IMPS 355	355 X 143	€ 205,00
IMPS 400	400 X 163	€ 281,00

