



**ALPA**  
*Ventilatoren*

## Axial Fans -AXW Series

For clean air supply or exhaust applications in a factory or warehouse where a large volume of air is required at low pressures are required.

<b>Sizes</b>	200 up to 1.000 mm
<b>Motor</b>	IP55, 230/1/50 or 400/3/50
<b>Capacity</b>	up to 55.000 m <sup>3</sup> /hr.
<b>Pressure</b>	up to 690 Pa static
<b>Control</b>	Frequency converter
<b>Casing</b>	Steel coated or galvanized
<b>Impeller</b>	Plastic / Aluminum
<b>Airflow</b>	Motor Impeller / Impeller Motor
<b>Temperature</b>	Normal Ventilation: -20°C to +55°C
<b>Extra</b>	Motors for different voltages, frequencies and with certificates



### APPLICATION

AXW fans typical uses are: General ventilation of commercial premises and industrial halls, ventilation of warehouses and storage warehouses, ventilation of garages and public utility buildings, etc.

### CONSTRUCTION

Propeller fan for wall or panel mounting with wall plate made of mild steel, with painted finish. Impeller having blades made of Glass Reinforced Polypropylene (PPG), Glass Reinforced Polyamide (PAG) or Aluminum. Statically and dynamically balanced to ISO 1940 standard. Working temperature range from -15°C to +40°C.

### MOTOR

Single-phase 230V 50Hz,  
Three-phase 400V 50Hz,  
Efficiency class IE3,  
Degree of protection IP55,  
Insulation class F,  
Single-phase motors driven by voltage,  
Three-phase motors are adapted for frequency converter.

### ON REQUEST

Aluminum impeller, different motor voltage and frequency, different motor degree of protection, different insulation class, motor equipped with sensors, working temperature range below -15°C and above +55°C.

### Accessories

Protection grid / Shutters / Spacer for mounting /  
Switches /Frequency converter





### 4 poles (1.500 rpm.) – 230/1/50

Model	Capacity max (m <sup>3</sup> /h)	50 Pa m <sup>3</sup> /h	125 Pa m <sup>3</sup> /h	200 Pa m <sup>3</sup> /h	Pressure max. (Pa stat.)	Motor (kW)	In max. (A)
200/4E/0.09	710	-	-	-	12	0,09	0,38
250/4E/0.06	1.400	-	-	-	40	0,06	0,40
315/4E/0.09	2.300	1.750	-	-	65	0,09	1,00
350/4E/0.09	3.200	2.610	-	-	90	0,09	1,00
400/4E/0.18	5.200	4.800	-	-	100	0,18	1,40
450/4E/0.25	6.800	5.800	2.500	-	140	0,25	1,80
500/4E/0.37	8.500	7.700	5.700	-	150	0,37	3,30
560/4E/0.55	10.900	9.250	5.800	-	190	0,55	8,00
630/4E/0.75	14.000	13.750	12.100	10.000	200	0,75	5,80
710/4E/1.50	21.000	20.300	17.800	15.800	240	1,5	10,3

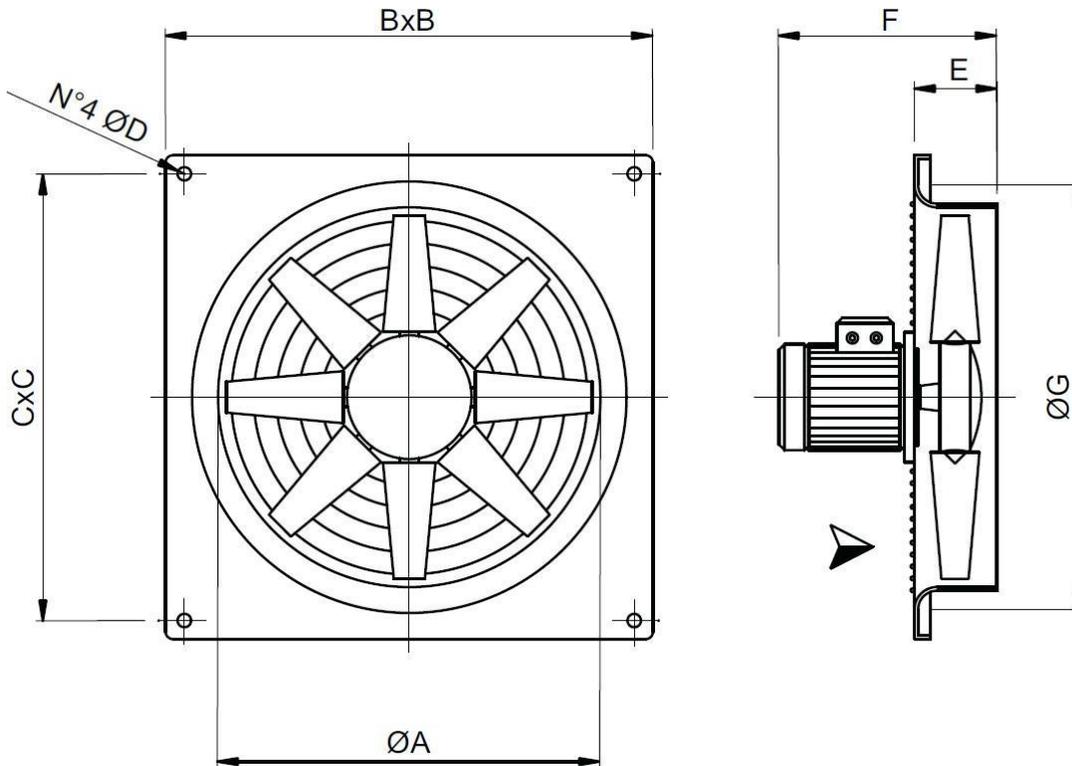
### 4 poles (1.500 rpm.) – 400/3/50

Model	Capacity max (m <sup>3</sup> /h)	50 Pa m <sup>3</sup> /h	125 Pa m <sup>3</sup> /h	250 Pa m <sup>3</sup> /h	Pressure max. (Pa stat.)	Motor (kW)	In max. (A)
200/4D/0.03	710	-	-	-	12	0,03	0,16
250/4D/0.06	1.400	-	-	-	50	0,06	0,30
315/4D/0.09	2.300	1.750	-	-	65	0,09	0,40
350/4D/0.09	3.200	2.610	-	-	90	0,09	0,40
400/4D/0,37	5.200	4.800	-	-	100	0,37	0,60
450/4D/0,55	6.800	5.800	2.500	-	140	0,55	0,80
500/4D/0,55	9.500	8.150	6.100	-	160	0,55	1,60
560/4D/0,75	12.500	11.800	9.150	1.000	190	0,75	2,00
630/4D/1,1	13.500	12.500	10.200	5.000	200	1,1	2,00
710/4D/1.50	19.210	16.700	13.500	10.000	240	1,5	3,50
800/4D/2,2	31.000	28.200	25.500	20.500	640	2,2	9,40
800/4D/4.0	39.750	37.200	32.000	27.500	680	3,0	9,40
900/4D/5.5	44.750	43.100	37.500	32.400	680	5,5	12,14
1000/4D/5.5	47.000	46.200	45.000	38.200	690	5,5	12,14
1000/4D/7.5	54.570	53.500	49.000	40.100	690	7,5	12,14





## Indication dimensions AXW-Wall



Model	Ø A	BxB	CxC	Ø D	E	F (*)
200	215	345	305	8,5	44	210
250	260	340	300	10	90	270
310	310	390	350	10	110	320
350	360	440	400	10	110	320
400	410	500	450	10	110	320
450	460	560	510	10	110	340
500	510	650	580	10	110	360
560	570	700	630	10	130	380
630	640	800	730	12	130	400
710	710	850	800	12	130	460
800	810	950	900	12	180	460
900	914	1070	1010	14,5	197	837
1000	1003	1200	1140	12	205	930



