

Filter Fans

High performance and fast mounting

Modern design

A positive visual impact is given by the up-to-date design of the grills and the minimal external projection. All moulded parts are made of highly resistant and self-extinguishing ABS, UL94 VO grade. The standard color is RAL 7035. RAL 7032 is also available. On request and for substantial quantities, non standard colors are also available.

Fast installation

Installation is fast thanks to the simple square cut-out on the enclosure panel and to the snap-in fixing system. No screws are needed. The snap-in fixing system can be used on panels with thickness in the range 1.2 - 2.4 mm. For different thickness, fixing can still be done with the screw kit included in each pack for this purpose.

Wide range of air flow ratings

The range of air flow ratings goes from 24 to 630 m³/h. For all filter fans, default air flow direction is from the outside towards the inside of the enclosure. If needed the user can easily reverse the direction by simply re-assembling the fan in the opposite way (only on specified models).

No interference outside the enclosure

5 mm is the maximum projection outside the enclosure. This means no problems during transportation and enclosure operational life, typical instead of the bigger and cumbersome traditional units.

High reliability

Alfa Electric only uses the best quality ball bearing fans. They ensure a high efficiency and have an expected life of 30.000 working hours at an ambient temperature of 55°C. They are all designed to ensure a quick and safe electrical connection.

Optimal enclosure protection

The special configuration of the grill, the self-adhesive gasket and the filter mat ensure an IP54 protection degree towards the enclosure.

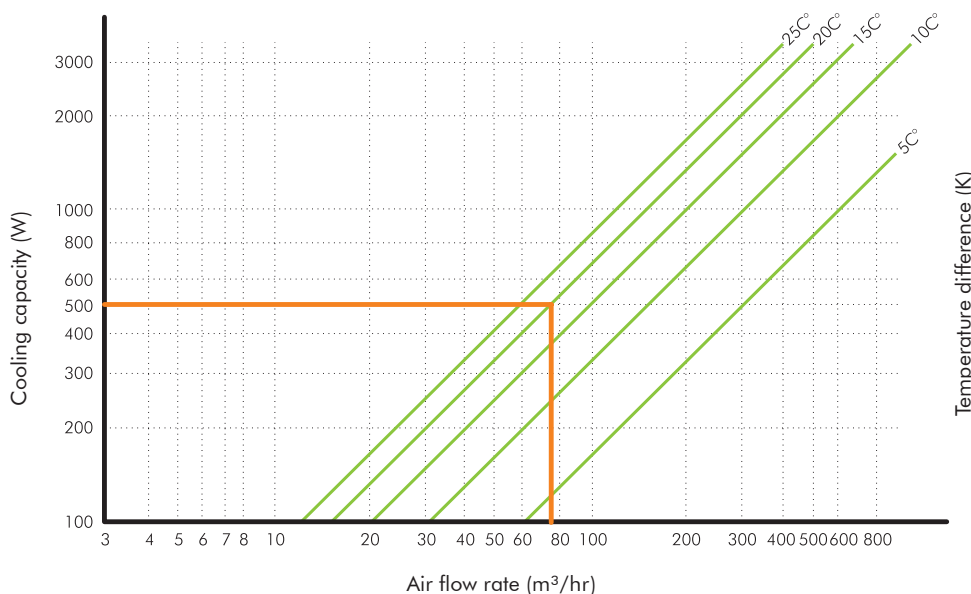
Power supply

Alfa Electric filter fans are available in the following AC supply voltages: 230V single-phase, 115V single-phase and 400V three-phase, all bi-frequency 50-60 Hz. In addition, 24 and 48VDC versions are available up to 230 m³/h. On request they can also be available with other rated voltages not shown in this catalogue.

Filter units

To achieve optimal cooling air circulation, filter fans are used together with filter units. Filter units are available in four different sizes and have the same design of the external part of a filter fan.

Cooling performance diagram

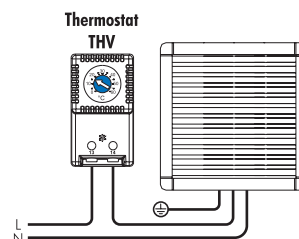


Example:

Waste heat to be removed 500W
 Temperature difference 20K
 Air flow required 78m³/hr

Filter fan unit solution: n. 1 ALFA2300BPB
 +
 n. 1 ALFA2000BPB

When selecting a Filter Fan unit, always keep a margin of at least 10% to compensate for any air flow decay due to filter mat clogging.



ALFAA5



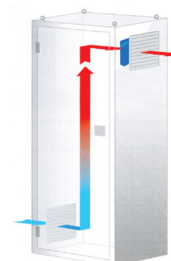
Features	Unit	ALFAA000BPB	ALFAA500BPB	ALFAA510BPB	ALFAA512BPB	ALFAA524BPB
Air flow rate (free blow)	m³/h	-	24(28)		24	
Flow rate with exit filter	m³/h	-	14(17)		14	
Power supply	V/Hz	-	230/50-60	115/50-60	12DC	24DC
Dimensions HxWxD	mm	114x114x17	114x114x57		114x114x45	
Power consumption	W	-	13(12)		3	4
Current consumption	A	-	0.10(0.08)	0.14(0.12)	0.25	0.16
Overcurrent protection	-	-	impedance			
Electric connection	-	-	faston 2.8x0.5 mm		2-pole terminal 1.5 mm²	
Duty cycle	-	-	100%			
Operating temperature	°C	-	-10/+70			
Protection degree/class	-	IP54	IP54/Class I			
Noise level	dB(A)	-	30(35)		35	
Flow direction	-	-	outside-in			
Bearing	-	-	ball			
Filter mat (Eurovent)	-	EU2				
Service life (at 40°C)	hr	-	50,000			
Material	-	ABS UL94V-0 Color RAL7035				
Wall thickness	mm	1.2-2.4				
Gasket	-	self-adhesive				
Weight (with packaging)	kg	0.06(0.10)	0.38(0.43)		0.18(0.23)	
Package dimensions	mm	120x120x20	120x120x60			
Mounting	-	Fast Clip-on				
Conformity/Approvals	-	CE				

Versions

UL File n. E301228	ALFAA000BPUB	ALFAA500BPUB	ALFAA510BPUB	ALFAA512BPUB	ALFAA524BPUB
RAL7032 - Gray - Code ending	delete B				
RAL9005 - Black - Code ending	delete B, add N (available on request)				
EMC - Code ending	M				
Reverse flow - Code ending	-	PR			
Connection with terminals	-	K			

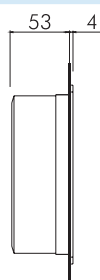
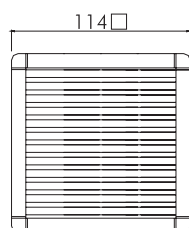
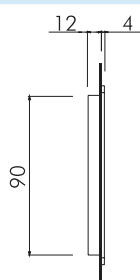
Accessories

Filter mat, standard type	ALFAFBP00		
Filter mat, high efficiency	ALFAFBP00X		
Thermostat 0-60°C, NO contact	-	THV2	
Power cord 1m	-	SPINOTTOA2-10	-
Fan speed controller	-	FSC	
Hood for IP55	CUFF10B		

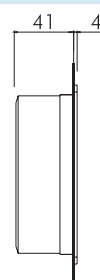


TIP

If possible it is better to use the units with the air flow from the outside to the enclosure inside. The slight pressurization of the panel prevents dust from getting through any openings.



A500-A510



A512-A524



ALFA15 - ALFA16



Features	Unit	ALFA1000BPB	ALFA1600BPB	ALFA1610BPB	ALFA1524BPTB	ALFA1548BPTB
Air flow rate (free blow)	m³/h	-	55(60)		55	
Flow rate with exit filter	m³/h	-	40(45)		40	
Power supply	V/Hz	-	230/50-60	115/50-60	24DC	48DC
Dimensions HxWxD	mm	150x150x28	150x150x77			
Power consumption	W	-	22(21)		9	13
Current consumption	A	-	0.14(0.12)	0.26(0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electric connection	-	-	faston 2.8x0.5 mm		2-pole terminal 1.5 mm²	
Duty cycle	-	-	100%			
Operating temperature	°C	-	-10/+70			
Protection degree/class	-	IP54	IP54/Class I			
Noise level	dB(A)	-	43(49)		45	
Flow direction	-	-	outside-in			
Bearing	-	-	ball			
Filter mat (Eurovent)	-	EU3				
Service life (at 40°C)	hr	-	50,000			
Material	-	ABS UL94V-0 Color RAL7035				
Wall thickness	mm	1.2-2.4				
Gasket	-	self-adhesive				
Weight (with packaging)	kg	0.16(0.21)	0.78(0.85)		0.47(0.54)	
Package dimensions	mm	165x165x45	165x165x85			
Mounting	-	Fast Clip-on				
Conformity/Approvals	-	CE				

Versions

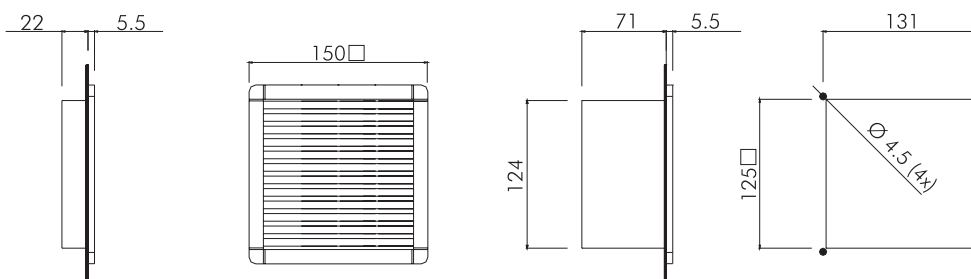
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RAL7032 - Gray - Code ending	delete B				
RAL9005 - Black - Code ending	delete B, add N (available on request)				
EMC - Code ending	M				
Reverse flow - Code ending	-		PR		
Connection with terminals	-	K			-

Accessories

Filter mat, standard type	ALFAFBP10				
Filter mat, high efficiency	ALFAFBP10X				
Thermostat 0-60°C, NO contact	-		THV2		
Power cord 1m	-	SPINOTTOA2-10			
Fan speed controller			FSC		
Hood for IP55	CUFF10B				

TIP

If you are using the high filtering capacity filter mat remember that air flow rate will decrease.



ALFAB5



Features	Unit	ALFAB000BPB	ALFAB500BPB	ALFAB510BPB	ALFAB524BPTB	ALFAB548BPTB
Air flow rate (free blow)	m³/h	-	110(120)		110	
Flow rate with exit filter	m³/h	-	80(92)		80	
Power supply	V/Hz	-	230/50-60	115/50-60	24DC	48DC
Dimensions HxWxD	mm	204x204x30	204x204x98			
Power consumption	W	-	22(21)		9	13
Current consumption	A	-	0.14(0.12)	0.26(0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electric connection	-	-	faston 2.8x0.5 mm		2-pole terminal 1.5 mm²	
Duty cycle	-	-	100%			
Operating temperature	°C	-	-10/+70			
Protection degree/class	-	IP54	IP54/Class I			
Noise level	dB(A)	-	43(49)		45	
Flow direction	-	-	outside-in			
Bearing	-	-	ball			
Filter mat (Eurovent)	-	EU3				
Service life (at 40°C)	hr	-	50,000			
Material	-	ABS UL94V-0 Color RAL7035				
Wall thickness	mm	1.2-2.4				
Gasket	-	self-adhesive				
Weight (with packaging)	kg	0.26(0.36)	1.00(1.20)		0.70(0.90)	
Package dimensions	mm	220x220x40	220x220x110			
Mounting	-	Fast Clip-on				
Conformity/Approvals	-	CE				

Versions

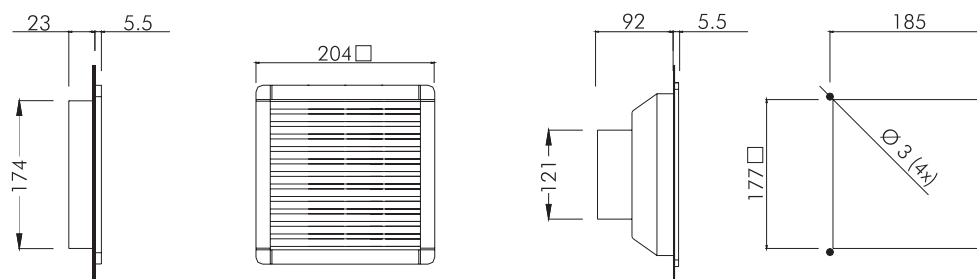
UL File n. E301228	ALFAB000BPUB	ALFAB500BPUB	ALFAB510BPUB	ALFAB524BPTUB	ALFAB548BPTUB
RAL7032 - Gray - Code ending	delete B				
RAL9005 - Black - Code ending	delete B, add N (available on request)				
EMC - Code ending	M				
Reverse flow - Code ending	-		PR		
Connection with terminals	-	K			-

Accessories

Filter mat, standard type	ALFAFBPBO				
Filter mat, high efficiency	ALFAFBPBOX				
Thermostat 0-60°C, NO contact	-		THV2		
Power cord 1m	-		SPINOTTOA2-10		-
Fan speed controller			FSC		
Hood for IP55	CUFF20B				

TIP

The filter fan unit can be switched on by a thermostat that will power it only when the temperature exceeds a set threshold (e.g. 35°C). The fan works only when cooling is needed which saves energy, increases the lifetime of the filter mat and reduce maintenance frequency.



ALFA23



Features	Unit	ALFA2000BPB	ALFA2300BPB	ALFA2310BPB	ALFA2324BPTB	ALFA2348BPTB
Air flow rate (free blow)	m³/h	-	120(130)		120	
Flow rate with exit filter	m³/h	-	100(110)		100	
Power supply	V/Hz	-	230/50-60	115/50-60	24DC	48DC
Dimensions HxWxD	mm	250x250x30	250x250x111			
Power consumption	W	-	22(21)		9	13
Current consumption	A	-	0.14(0.12)	0.26(0.24)	0.37	0.27
Overcurrent protection	-	-	impedance			
Electric connection	-	-	faston 2.8x0.5 mm		2-pole terminal 1.5 mm²	
Duty cycle	-	-	100%			
Operating temperature	°C	-	-10/+70			
Protection degree/class	-	IP54	IP54/Class I			
Noise level	dB(A)	-	43(49)		45	
Flow direction	-	-	outside-in			
Bearing	-	-	ball			
Filter mat (Eurovent)	-	EU3				
Service life (at 40°C)	hr	-	50,000			
Material	-	ABS UL94V-0 Color RAL7035				
Wall thickness	mm	1.2-2.4				
Gasket	-	self-adhesive				
Weight (with packaging)	kg	0.42(0.52)	1.20(1.40)		0.90(1.10)	
Package dimensions	mm	270x270x40	270x270x140			
Mounting	-	Fast Clip-on				
Conformity/Approvals	-	CE				

Versions

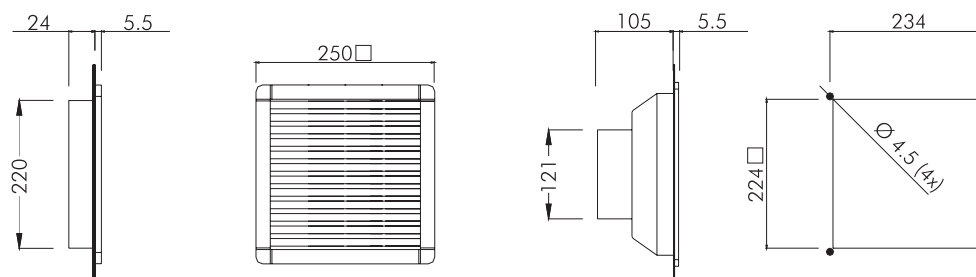
UL File n. E301228	ALFA2000BPUB	ALFA2300BPUB	ALFA2310BPUB	ALFA2324BPTUB	ALFA2348BPTUB
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RAL9005 - Black - Code ending	delete B, add N (available on request)				
EMC - Code ending	M				
Reverse flow - Code ending	-	PR			
Connection with terminals	-	K			

Accessories

Filter mat, standard type	ALFAFBP20			
Filter mat, high efficiency	ALFAFBP20X			
Thermostat 0-60°C, NO contact	-	THV2		
Power cord 1m	-	SPINOTTOA2-10		-
Fan speed controller		FSC		
Hood for IP55	CUFF20B			

TIP

DC powered filter fan units can be the best way to prevent EMC interference to monitors and other sensitive equipment inside the enclosure.



ALFA25 - ALFA26



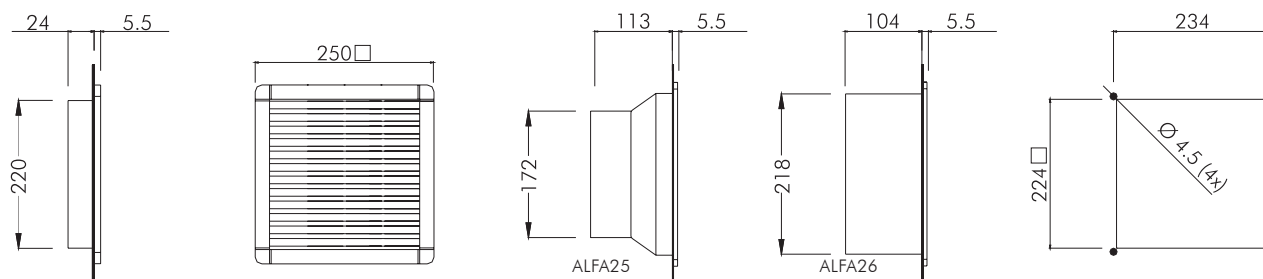
Features	Unit	ALFA2000BPB	ALFA2500BPB	ALFA2510BPB	ALFA2524BPTB	ALFA2548BPTB	ALFA2600BPB	ALFA2610BPB	ALFA2640BPB
Air flow rate (free blow)	m³/h	-	230(260)		230		370(400)		
Flow rate with exit filter	m³/h	-	180(210)		180		250(270)		
Power supply	V/Hz	-	230/50-60	115/50-60	24DC	48DC	230/50-60	115/50-60	400/50-60
Dimensions HxWxD	mm	250x250x30	250x250x119				250x250x110		
Power consumption	W	-	40(38)		26	33	70(90)		60(70)
Current consumption	A	-	0.17(0.16)	0.34(0.32)	1.08	0.68	0.40(0.38)	0.80(0.76)	0.18(0.15)
Overcurrent protection	-	-	thermal		impedance		thermal		
Electric connection	-	-	3-pole terminal 2.5 mm²				4-pole terminal 1.5 mm²		
Duty cycle	-	-	100%						
Operating temperature	°C	-	-10/+70						
Protection degree/class	-	IP54	IP54/Class I						
Noise level	dB(A)	-	53(58)		61		65(68)		
Flow direction	-	-	outside-in						
Bearing	-	-	ball						
Filter mat (Eurovent)	-	EU3							
Service life (at 40°C)	hr	-	50,000						
Material	-	ABS UL94V-0 Color RAL7035							
Wall thickness	mm	1.2-2.4							
Gasket	-	self-adhesive							
Weight (with packaging)	kg	0.42(0.52)	1.60(1.80)		1.20(1.40)		2.50(2.70)		
Package dimensions	mm	270x270x40	270x270x140						
Mounting	-	Fast Clip-on							
Conformity/Approvals	-	CE							

Versions

UL File n. E301228	ALFA2000BPUB	ALFA2500BPUB	ALFA2510BPUB	ALFA2524BPTUB	ALFA2548BPTUB	ALFA2600BPUB	ALFA2610BPUB	-
RAL7032 - Gray - Code ending	delete B							
RAL9005 - Black - Code ending	delete B, add N (available on request)							
EMC - Code ending	M							
Reverse flow - Code ending	-	PR						

Accessories

Filter mat, standard type			ALFAFBP20
Filter mat, high efficiency			ALFAFBP20X
Thermostat 0-60°C, NO contact	-		THV2
Fan speed controller	-		FSC
Hood for IP55			CUFF20B



ALFA35 - ALFA36



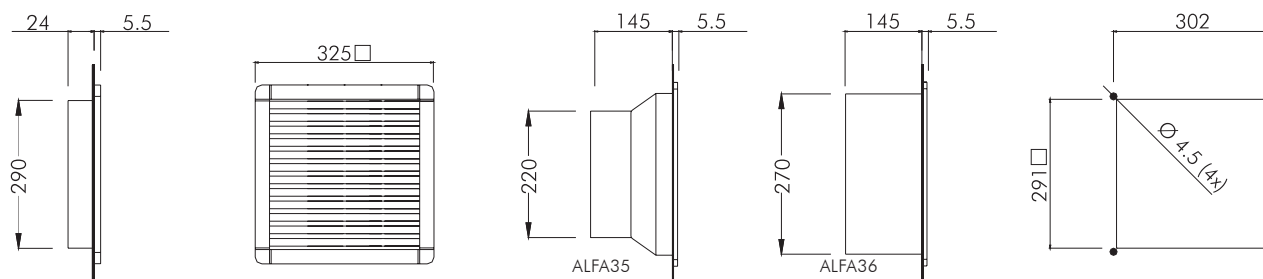
Features	Unit	ALFA3000BPB	ALFA3500BPB	ALFA3510BPB	ALFA3540BPB	ALFA3600BPB	ALFA3610BPB
Air flow rate (free blow)	m³/h	-	500(570)			630(700)	
Flow rate with exit filter	m³/h	-	370(410)			470(520)	
Power supply	V/Hz	-	230/50-60	115/50-60	400/50-60	230/50-60	115/50-60
Dimensions HxWxD	mm	325x325x30	325x325x151				
Power consumption	W	-	70(90)		60(70)	130(180)	
Current consumption	A	-	0.40(0.38)	0.80(0.76)	0.18(0.15)	0.55(0.81)	1.10(1.62)
Overcurrent protection	-	-	thermal				
Electric connection	-	-	3-pole terminal 2.5 mm²			4-pole terminal 1.5 mm²	
Duty cycle	-	-	100%				
Operating temperature	°C	-	-10/+70				
Protection degree/class	-	IP54	IP54/Class I				
Noise level	dB(A)	-	65(68)			72(73)	
Flow direction	-	-	outside-in				
Bearing	-	-	ball				
Filter mat (Eurovent)	-	EU3					
Service life (at 40°C)	hr	-	50,000				
Material	-	ABS UL94V-0 Color RAL7035					
Wall thickness	mm	1.2-2.4					
Gasket	-	self-adhesive					
Weight (with packaging)	kg	0.64(0.78)	3.00(3.25)			3.65(3.90)	
Package dimensions	mm	340x340x45	340x340x175				
Mounting	-	Fast Clip-on					
Conformity/Approvals	-	CE					

Versions

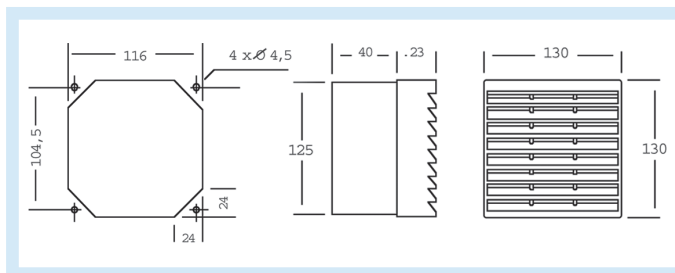
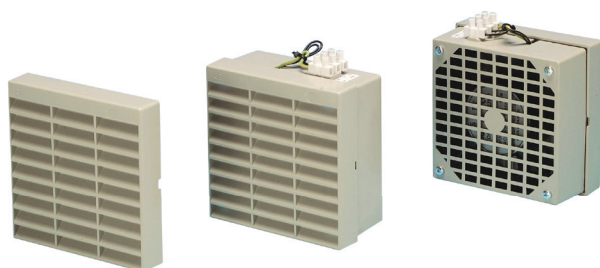
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RAL7032 - Gray - Code ending	delete B					
RAL9005 - Black - Code ending	delete B, add N (available on request)					
EMC - Code ending	M					
Reverse flow - Code ending	-	PR				

Accessories

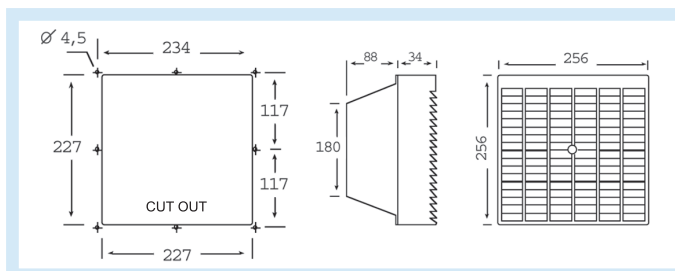
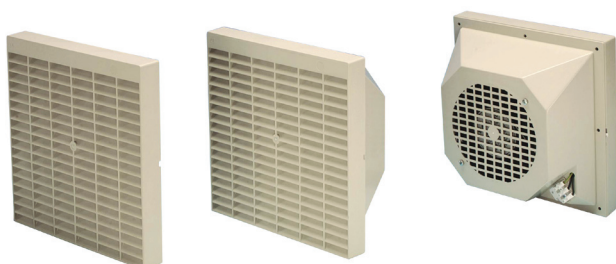
Filter mat, standard type	ALFAFBP30	
Filter mat, high efficiency	ALFAFBP30X	
Thermostat 0-60°C, NO contact	-	THV2
Fan speed controller	-	FSC
Hood for IP55	CUFF30B	



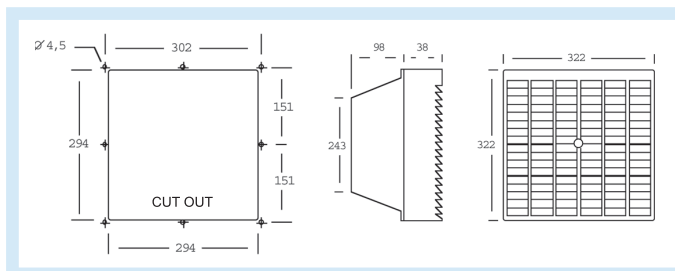
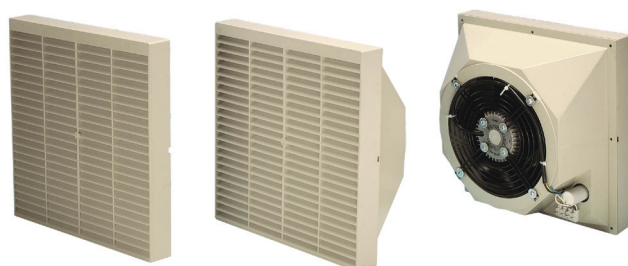
ALFA 1000 series



ALFA 2000 series



ALFA 3000 series



Model	Description	Voltage (V)	Frequency (Hz)	Power (W)	Absorbed current (A)	Noise level dB (A)	Filter fan air volume free blowing m³/h	Filter fan air volume with exit filter **m³/h
ALFA 1000 AP	Filter 130x130							
ALFA 1524 APT	Filter fan 130x130	24 DC		9	0.37	47	55	40
ALFA 1548 APT	Filter fan 130x130	48 DC		13	0.27	47	55	40
ALFA 1600 AP	Filter fan 130x130	230	50/60	19/18	0.14/0.12	46/50	55/60	40/45
ALFA 1610 AP	Filter fan 130x130	115	50/60	19/18	0.25/0.19	46/50	55/60	40/45
ALFA 2000 AP	Filter 256x256							
ALFA 2324 APT	Filter fan 256x256	24 DC		9	0.37	47	105	80
ALFA 2348 APT	Filter fan 256x256	48DC		13	0.27	47	105	80
ALFA 2400 AP	Filter fan 256x256	230	50/60	19/18	0.14/0.12	47/53	120/130	95/105
ALFA 2410 AP	Filter fan 256x256	115	50/60	19/18	0.25/0.19	47/53	120/130	95/105
ALFA 2500 AP	Filter fan 256x256	230	50/60	40/38	0.30/0.27	56/58	230/260	175/200
ALFA 2510 AP	Filter fan 256x256	115	50/60	40/38	0.60/0.55	56/58	230/260	175/200
ALFA 2524 APT	Filter fan 256x256	24 DC		22	1.08	56	230	175
ALFA 2548 APT	Filter fan 256x256	48 DC		33	0.68	56	230	175
ALFA 3000 AP	Filter 325x325							
ALFA 3500 AP	Filter fan 325x325	230	50/60	70/90	0.40/0.38	65/68	480/530	350/380
ALFA 3510 AP	Filter fan 325x325	115	50/60	70/90	0.80/0.76	65/68	480/530	350/380
ALFA 3540 AP	Filter fan 325x325	400-3	50/60	60/70	0.18/0.15	65/68	500/550	350/380

**Jointed an exit filter of equal dimension

TECHNICAL FEATURES: products comply with directives 73/23/EEC and 89/336/EEC; ball bearing axial fans marked CE (some models available with UL and CSA approval); plastic material self-extinguish ABS V0 RAL 7032/7035 black on request; high efficiency dust filters made of self-extinguish acrylic fibre; protection degree IP54.

aef-cat-en-15.01 - Specifications, values and drawings are subject to change without notice.

ALFATORR ROOF FAN AND VENT



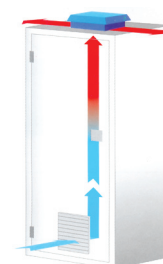
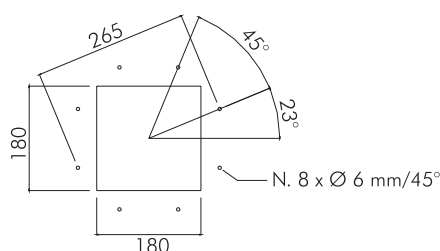
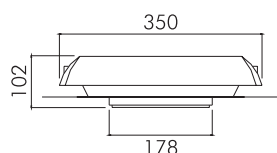
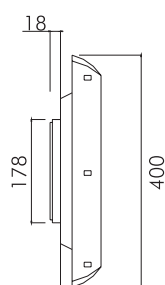
Features	Unit	ALFATORRB	ALFATORR0600B	ALFATORR0610B	ALFATORR0860B	ALFATORR0861B	ALFATORR1000B	ALFATORR1010B
Air flow rate (free blow)	m³/h	-	600(625)		860(950)		1,000(1,050)	
Flow rate with inlet filter	m³/h	-	430(450)		580(640)		700(720)	
Power supply	V/Hz	-	230/50-60	115/50-60	230/50-60	115/50-60	230/50-60	115/50-60
Dimensions HxWxD	mm	400x350x102			400x350x102			
Power consumption	W	-	70(90)		85(115)		120(170)	
Current consumption	A	-	0.32(0.40)	0.64(0.80)	0.43(0.50)	0.86(1.00)	0.50(0.75)	1.00(1.50)
Overcurrent protection	-	-			thermal			
Electric connection	-	-			4-pole terminal 2.5 mm²			
Duty cycle	-	-			100%			
Operating temperature	°C	-			-10/+70			
Protection degree enclosure side	-	-			IP44			
Protection class	-	-			Class I			
Noise level	dB(A)	-	64(65)		72(73)			
Flow direction	-	-			inside-out			
Bearing	-	-			ball			
Service life (at 40°C)	hr	-			50,000			
Material	-	-			ABS UL94V-0 Color RAL7035			
Gasket	-	-			Polythene			
Weight (with packaging)	kg	2.30(2.50)	3.65(3.85)		4.00(4.20)		4.75(4.95)	
Package dimensions	mm				410x360x130			
Mounting	-	-			Screws			
Conformity/Approvals	-	-			CE			

Versions

UL File n. E301228	ALFATORRUB	ALFATORR0600UB	ALFATORR0610UB	ALFATORR0860UB	ALFATORR0861UB	-
RAL7032 - Gray - Code ending				delete B		
EMC - Code ending		M			-	
IP54 - Code ending				F		

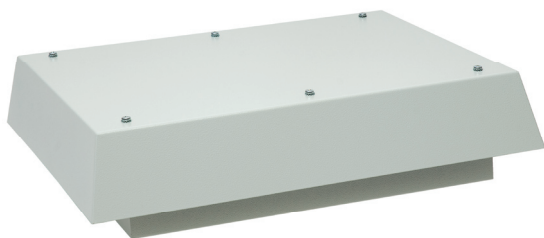
Accessories

Thermostat 0-60°C, NO contact	-	THV2
Grill with filter mat		ALFA3000BPB
Fan speed controller	-	FSC
Spare filter mat		ALFAFT10



ALFATORR14

ROOF FANS



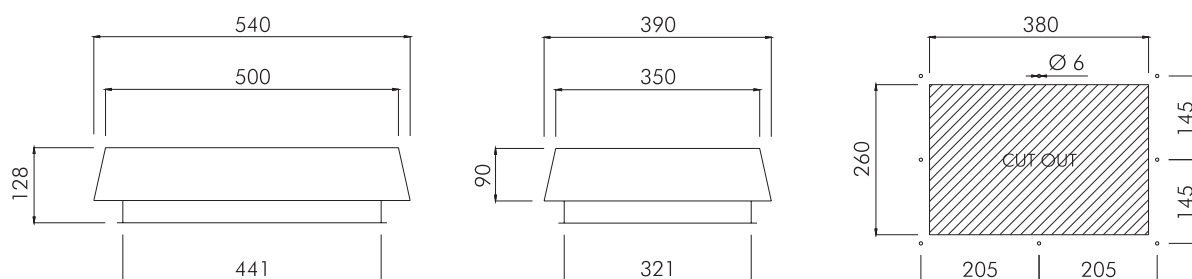
Features	Unit	ALFATORRMETB	ALFATORR1450B	ALFATORR1451B
Air flow rate (free blow)	m³/h	-	1500/(1550)	
Flow rate with filter fan	m³/h	-	900/(950)	
Power supply	V/Hz	-	230-50/60	115-50/60
Dimensions HxWxD	mm	540x390x128	540x390x128	
Power consumption	W	-	160/(215)	
Current consumption	A	-	0.70/(0.98)	1.40/(1.96)
Overcurrent protection	-	-	thermal	
Electric connection	-	-	4-pole terminal	
Duty cycle	-	-	100%	
Operating temperature	°C	-	-20/+50	
Protection degree enclosure side/class	-	-	IP44/Class I	
Noise level	dB(A)	-	74/(75)	
Flow direction	-	-	inside-out	
Bearing	-	-	ball	
Service life (at 40°C)	hr	-	50,000	
Material	-	metal RAL7035		
Gasket	-	PVC	PVC	
Weight (with packaging)	kg	5.2(5.5)	11.3(12.3)	
Package dimensions	mm	550x400x140	550x400x140	
Mounting	-	Screws	Screws	
Conformity/Approvals	-	CE		

Versions

RAL7032 - Gray - Code ending	delete B
IP54 - Code ending	F

Accessories

Thermostat 0-60°C, NO contact	THV2
Grill with filter mat	ALFA3000BPB
Fan speed controller	FSC
Spare filter mat	ALFAFT15



RACK

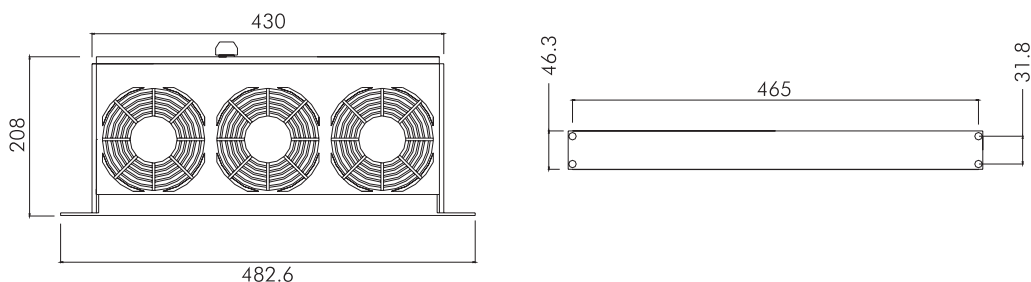
FAN TRAYS FOR 19" ENCLOSURES



Features	Unit	RACK0222	RACK0212	RACK0224	RACK0248	RACK0322	RACK0312	RACK0324	RACK0348
Air flow rate (free blow)	m³/h	300(360)		300		450(540)		450	
Power supply	V/Hz	230/50-60	115/50-60	24DC	48DC	230/50-60	115/50-60	24DC	48DC
Dimensions HxWxD	mm	482x44x208							
Power consumption	W	36(34)		18	28	54(51)		27	42
Current consumption	A	0.26(0.22)	0.48(0.36)	0.75	0.58	0.39(0.33)	0.72(1.08)	1.12	0.88
Overcurrent protection	-	impedance							
Electric connection	-	3-pole terminal 2.5 mm²							
Duty cycle	-	100%							
Operating temperature	°C	-10/+70							
Protection degree/class	-	IP30/Class I							
Noise level	dB(A)	51(52)							
Flow direction	-	bottom to top							
Bearing	-	ball							
Service life (at 40°C)	hr	50,000							
Material	-	PC-ABS UL94V-0 Color RAL7035							
Weight (with packaging)	kg	2.10(2.30)		1.60(1.80)		2.60(2.80)		1.85(2.05)	
Package dimensions	mm	510x220x65							
Mounting	-	Screws							
Conformity/Approvals	-	CE							

Accessories

Thermostat 0-60°C, NO contact	THV2
Fan speed controller	FSC



AC/DC FANS



AC Fans

DC Fans

Code	m ³ /hr	Bearing	Power supply V/Hz	Connection	Dim. mm.
V1081BT230VAC	160	ball	220-240/50-60	fast-on	119x119x38
V1081BT115VAC	160	ball	110-120/50-60	fast-on	119x119x38
V1081BT24VAC	160	ball	24/50-60	fast-on	119x119x38
V1081BT48VAC	160	ball	48/50-60	fast-on	119x119x38
V1081ST230VAC	160	sleeve	220-240/50-60	fast-on	119x119x38
V1081ST115VAC	160	sleeve	110-120/50-60	fast-on	119x119x38
V1081ST24VAC	160	sleeve	24/50-60	fast-on	119x119x38
V1081ST48VAC	160	sleeve	48/50-60	fast-on	119x119x38
V1087BT230VAC	190	ball	220-240/50-60	fast-on	127x127x38
V1087BT115VAC	190	ball	110-120/50-60	fast-on	127x127x38
V108XT230VAC	105	ball	220-240/50-60	fast-on	120x120x25
V108XT115VAC	105	ball	110-120/50-60	fast-on	120x120x25
V108JCSW230VA	65	sleeve	220-240/50-60	wires	92x92x38
V108JCSW115VA	65	sleeve	110-120/50-60	wires	92x92x38
V108JCBT230VA	65	ball	220-240/50-60	fast-on	92x92x38
V108JCBT115VA	65	ball	110-120/50-60	fast-on	92x92x38
V108BBT230VAC	50	ball	220-240/50-60	fast-on	92x92x25
V108BBT115VAC	50	ball	110-120/50-60	fast-on	92x92x25
V108BST230VAC	50	sleeve	220-240/50-60	fast-on	92x92x25
V108BST115VAC	50	sleeve	110-120/50-60	fast-on	92x92x25
V108ABT230VAC	45	ball	220-240/50-60	fast-on	80x80x38
V108ABW230VAC	45	ball	220-240/50-60	wires	80x80x38
V108ABT115VAC	45	ball	110-120/50-60	fast-on	80x80x38
V108AST230VAC	45	sleeve	220-240/50-60	fast-on	80x80x38
V108AST115VAC	45	sleeve	110-120/50-60	fast-on	80x80x38
V108AXBT230VA	35	ball	220-240/50-60	fast-on	80x80x25
V108AXBW230VA	35	ball	220-240/50-60	wires	80x80x25
V108AXBT115VA	35	ball	110-120/50-60	fast-on	80x80x25
V108AXST230VA	35	sleeve	220-240/50-60	fast-on	80x80x25
V108AXST115VA	35	sleeve	110-120/50-60	fast-on	80x80x25
V108EXBT230VA	325	ball	220-240/50-60	fast-on	172x150x51
V108EXBW230VA	325	ball	220-240/50-60	wires	172x150x51
V108EXBT115VA	325	sleeve	110-120/50-60	fast-on	172x150x51
V108EXBW115VA	325	ball	110-120/50-60	wires	172x150x51
V108EXST230VA	325	sleeve	220-240/50-60	fast-on	172x150x51
V108EXST115VA	325	ball	110-120/50-60	fast-on	172x150x51
V108EXMBT230V	340	ball	220-240/50-60	fast-on	172x150x38
V108EXMBT115V	340	ball	110-120/50-60	fast-on	172x150x38
V108CBW230VA	350	ball	220-240/50-60	wires	162x150x55
V108CBW115VA	350	ball	110-120/50-60	wires	162x150x55
V108KBW230VAC	600	ball	220-240/50	wires	220x60
V108KBW115VAC	600	ball	110-120/50	wires	220x60
V108HHBT230VA	800	ball	220-240/50-60	fast-on	254x89
V108HHBT115VA	800	ball	110-120/50-60	fast-on	254x89

Code	m ³ /hr	Bearing	Power supply V/Hz	Connection	Dim. mm.
V108EXBW24VDC	460	ball	24 DC	wires	172x150x51
V108EXBW48VDC	460	ball	48 DC	wires	172x150x51
V1087BW24VDC	240	ball	24 DC	wires	127x127x38
V1087BW48VDC	240	ball	48 DC	wires	127x127x38
V1081BW12VDC	180	ball	12 DC	wires	119x119x38
V1081BW24VDC	180	ball	24 DC	wires	119x119x38
V1081BW48VDC	180	ball	48 DC	wires	119x119x38
V1081SW12VDC	180	sleeve	12 DC	wires	119x119x38
V1081SW24VDC	180	sleeve	24 DC	wires	119x119x38
V1081SW48VDC	180	sleeve	48 DC	wires	119x119x38
V108MBW12VDC	150	ball	12 DC	wires	120x120x25
V108MBW24VDC	150	ball	24 DC	wires	120x120x25
V108MSW12VDC	150	sleeve	12 DC	wires	120x120x25
V108MSW24VDC	150	sleeve	24 DC	wires	120x120x25
V108BBW24VDC	100	ball	24 DC	wires	92x92x25
V108DBW12VDC	65	ball	12 DC	wires	80x80x25
V108DBW24VDC	65	ball	24 DC	wires	80x80x25
V108DSW12VDC	65	sleeve	12 DC	wires	80x80x25
V108DSW24VDC	65	sleeve	24 DC	wires	80x80x25
V108FSW24VDC	35	sleeve	24 DC	wires	60x60x25
V108GBW24VDC	15	ball	24 DC	wires	40x40x20

Other articles available on demand

ALFAKF



COMPACT FILTER UNITS

Suitable for direct screw mounting on axial fans. They can also be mounted with the fan inside the enclosure.

The mounting holes have diameter Ø6.0-6.5 mm. The material is black ABS, self-extinguishing, according to UL94 V-O.

Code	Description	Dim. mm.	Pcs in 1 pack
ALFAKF060	Compact filter unit	60x60	1
ALFAKF080	Compact filter unit	80x80	1
ALFAKF092	Compact filter unit	92x92	1
ALFAKF120	Compact filter unit	120x120	1
ALFAKF150	Compact filter unit	150x150	1

ALFAKR120



COMPACT FILTER UNITS - HIGH PERFORMANCE

Compact filter unit with reduced pressure drop. Filter media, steel or acrylic, is easy accessible and cleanable. Available in three versions:

Code	Description	Dim. mm.	Pcs in 1 pack
ALFAKR120	Compact filter unit w/ standard filter mat	125x125x10	20
ALFAKR120R	Compact filter unit w/metallic filter mesh	125x125x10	20
ALFAKR120RF	Compact filter unit w/standard filter mat and metallic filter mesh	125x125x10	20

SPINOTTO



FAN POWER CORDS

Suitable to all fast-on connection fans. Black cable with injection moulded straight plug for 2,8x0,5 mm pins.

Code	Description	Pcs in 1 pack
SPINOTTOA2-06	Straight power cord 600 mm.	1
SPINOTTOA2-10	Straight power cord 1000 mm.	1
SPINOTTOA2-20	Straight power cord 2000 mm.	1

ALFAF



ALFAFBP0 - Spare filter mats for filter fans

Standard filter mats for ALFAxxxxBPB filter fans and filter only units. To keep high performance it is necessary to periodically check the level of filter mat clogging and, if necessary, replace it with a new one. These filters are made of self-extinguishing synthetic fibres with a progressive filtering capacity.

Code	Description	Pcs in 1 pack
ALFAFBPA0	Filter mat for ALFAA000BPB	10
ALFAFBP10	Filter mat for ALFA1000BPB	10
ALFAFBP00	Filter mat for ALFAB000BPB	10
ALFAFBP20	Filter mat for ALFA2000BPB	10
ALFAFBP30	Filter mat for ALFA3000BPB	10

ALFAFBP0X - High efficiency spare filter mats for filter fans

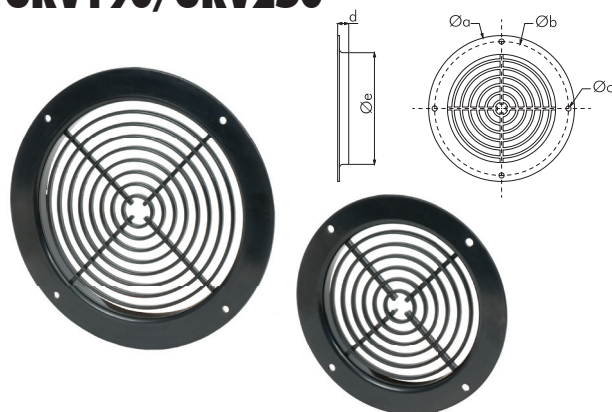
High efficiency filter mats are used in is very fine dust environments. However, air flow rates is substantially reduced and should be accounted for when selecting the filter fan.

Code	Description	Pcs in 1 pack
ALFAFBPA0X	Filter mat for ALFAA000BPB, high efficiency	10
ALFAFBP10X	Filter mat for ALFA1000BPB, high efficiency	10
ALFAFBP00X	Filter mat for ALFAB000BPB, high efficiency	10
ALFAFBP20X	Filter mat for ALFA2000BPB, high efficiency	10
ALFAFBP30X	Filter mat for ALFA3000BPB, high efficiency	10

ALFAFT1x

Code	Description	Pcs in 1 pack
ALFAFT10	Filter mat for ALFATORR0600B-1010B	5
ALFAFT15	Filter mat for ALFATORR1450B-1451B	5

GRV190/GRV250

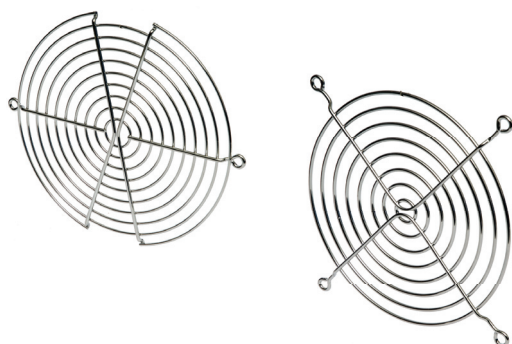


GRV190/GRV250

Grilled shroud for radial fans. They allow safe operation and increased air flow rate on radial fans.

Features	Unit	GRV190	GRV250
a	mm	170	214
b	mm	156	196
c	mm	5.8	5
d	mm	13	15
e	mm	130	166

ALFAGM



METALLIC PROTECTION GRILLS

Finger guard metallic protection grills for axial fans. Range Ø 40-254 mm.

Complying with international safety norms.

Code	Description	Dim. mm.	Pcs in 1 pack
ALFAGM040	Metallic finger protection grill	Ø 40	100
ALFAGM060	Metallic finger protection grill	Ø 60	100
ALFAGM080	Metallic finger protection grill	Ø 80	100
ALFAGM092	Metallic finger protection grill	Ø 92	100
ALFAGM120	Metallic finger protection grill	Ø 120	100
ALFAGM127	Metallic finger protection grill	Ø 127	100
ALFAGM150	Metallic finger protection grill	Ø 150	100
ALFAGM220	Metallic finger protection grill	Ø 220	100
ALFAGM254	Metallic finger protection grill	Ø 254	100