



ISO 9001
BUREAU VERITAS
Certification



ALVICARB AD

Dynamic, direct drive
activated carbon unit



VENTILATION OF PROFESSIONAL KITCHENS, A SPECIALIST AFFAIR.

ALVICARB AD

DESIGN / MANUFACTURE

The casing is in galvanised steel panels with a drilled connection frame. An inspection door on the side gives access to all the filters and to the motor-fan unit (standard right access, left on request. Access cannot be changed on site).

The ALVICARB AD unit has **three filtering levels:**

- **A synthetic filter:** G4 (95% gravimetric).
Galvanised steel frame with synthetic medium held in place by a galvanised steel mesh.
Thickness 48mm. Slide fitting.
- **A high efficiency filter:** F7 (85% opacimetric), with polypropylene medium. Thickness 98mm.
Fitted on a slide.

- **A set of activated carbon cartridges:** rechargeable Ø160 / length 400mm. Mounted on a galvanised steel plate, easy to recharge after saturation. Each cartridge is easy to remove using its quarter turn fixing. Maximum flow per cartridge: 280m³/h.

Galvanised steel IP55 class F double outlet action motor-fan.

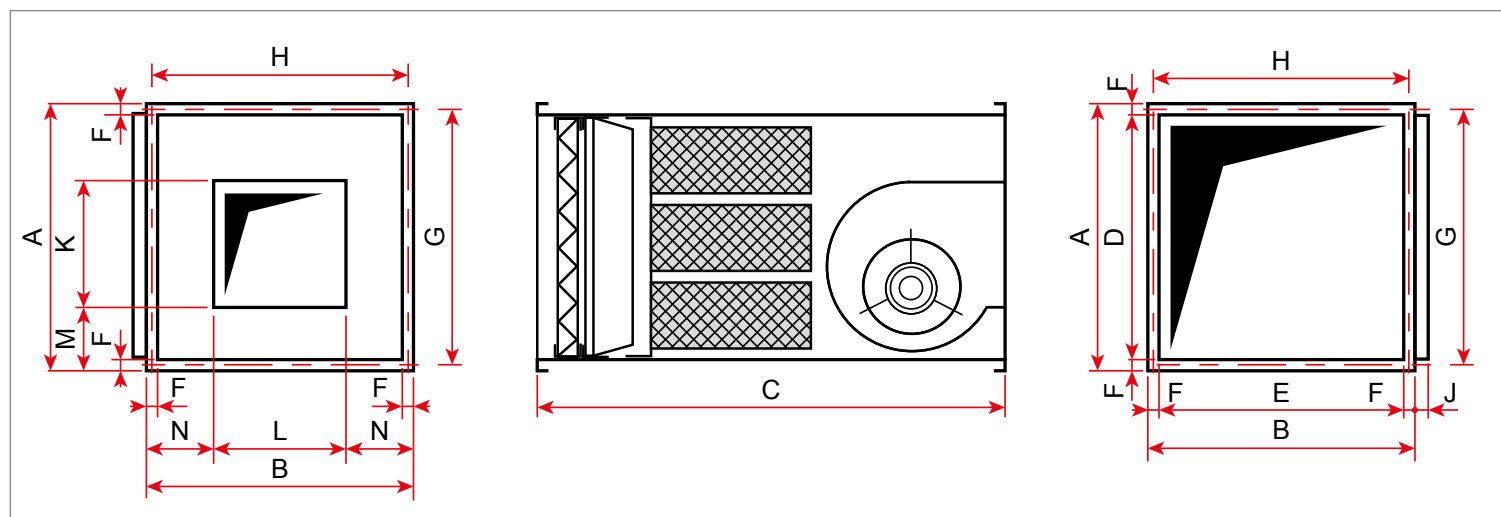
Plexo connection box fixed to the cylinder.

Exterior rotor motor fixed to a shaft on silentbloccs.

Single phased 230V, 50Hz frequency power supply.

ALVICARB	Max flow (m ³ /h)	Synthetic / Compact filter		Activated carbon cartridge		
		Filter HxW (mm)	Surface area (m ²)	Nb	Carbon weight (kg)	Surface area (m ²)
11AD	1100	290x595	0.17	4	13	0.8
17AD	1700	290x595	0.17	6	20	1.2
25AD	2500	595x595	0.35	9	29	1.8
28AD	2800	595x595	0.35	10	32	2
36AD	3600	595x595 + 595x290	0.52	13	42	2.6
42AD	4200	595x595 + 595x290	0.52	15	48	3

DIMENSIONS / WEIGHT

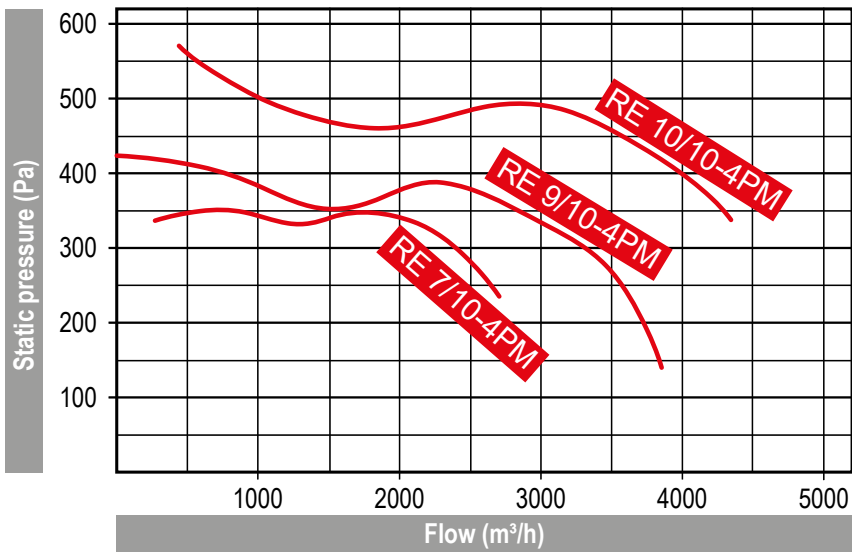


ALVICARB	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	N (mm)	Weight (kg)
11AD	418	639	1170	362	583	28	390	611	30	262	298	92	170.5	62
17AD	418	639	1170	362	583	28	390	611	30	262	298	92	170.5	72
25AD	668	639	1170	612	583	28	640	611	30	262	298	158	170.5	96
28AD	668	639	1170	612	583	28	640	611	30	289	331	186	154	105
36AD	668	945	1170	612	889	28	640	917	30	289	331	186	307	132
42AD	668	945	1170	612	889	28	640	917	30	289	331	186	307	141



ALVICARB AD

SELECTION GRAPHS



ELECTRIC SPECIFICATIONS

ALVICARB	Fan type	Max flow (m³/h)	Available pressure. (Pa)	Voltage (V)	Power (W)	Rotation speed (rpm)	Intensity (A)	Frequency (Hz)	IP	Class
11AD	RE 7/10-4PM	1100	75	230	420	1320	3.15	50	55	F
17AD	RE 7/10-4PM	1700	20	230	420	1320	3.15	50	55	F
25AD	RE 9/10-4PM	2500	105	230	600	1380	5.9	50	55	F
28AD	RE 10/10-4PM	2800	180	230	600	1380	6.8	50	55	F
36AD	RE 10/10-4PM	3600	180	230	600	1380	6.8	50	55	F
42AD	RE 10/10-4PM	4200	70	230	600	1380	6.8	50	55	F

