



Heating MVA - MVF Fan Convector

Supplied Through



SABIANA
ENVIRONMENTAL COMFORT

Advantages of using Sabiana Fan Convectors

- **Quick and Effective.** MVA/MVF fan convectors provide heat quickly and efficiently, ensuring comfort conditions are met in minutes.
- **Space Saving.** Utilising less wall space than radiators, MVA/MVF fan convectors free up valuable wall space for other equipment.
- **Safety.** Public safety is paramount. MVA/MVF fan convectors feature rounded corner construction to ensure minimum risk in the event of accidental contact.
- **Tamper-proof Operation.** Constructed using high quality materials, MVA/MVF fan convectors provide a durable solution within public buildings.
- **Ease of Installation.** Both LTHW connections and airflow configurations can be modified on site to ensure flexibility in the positioning of products within ever changing workspaces/environments.
- **Flexibility.** With a range of 5 models with outputs from 3.6 kW to 16.9 kW and a range of air inlet/outlet options. MVA/MVF fan convectors can be installed in a variety of applications.

Ideal applications for fan convectors are

Schools, Universities & Colleges	Community Centres
Churches	Offices
Libraries	Village Halls

Product Variants

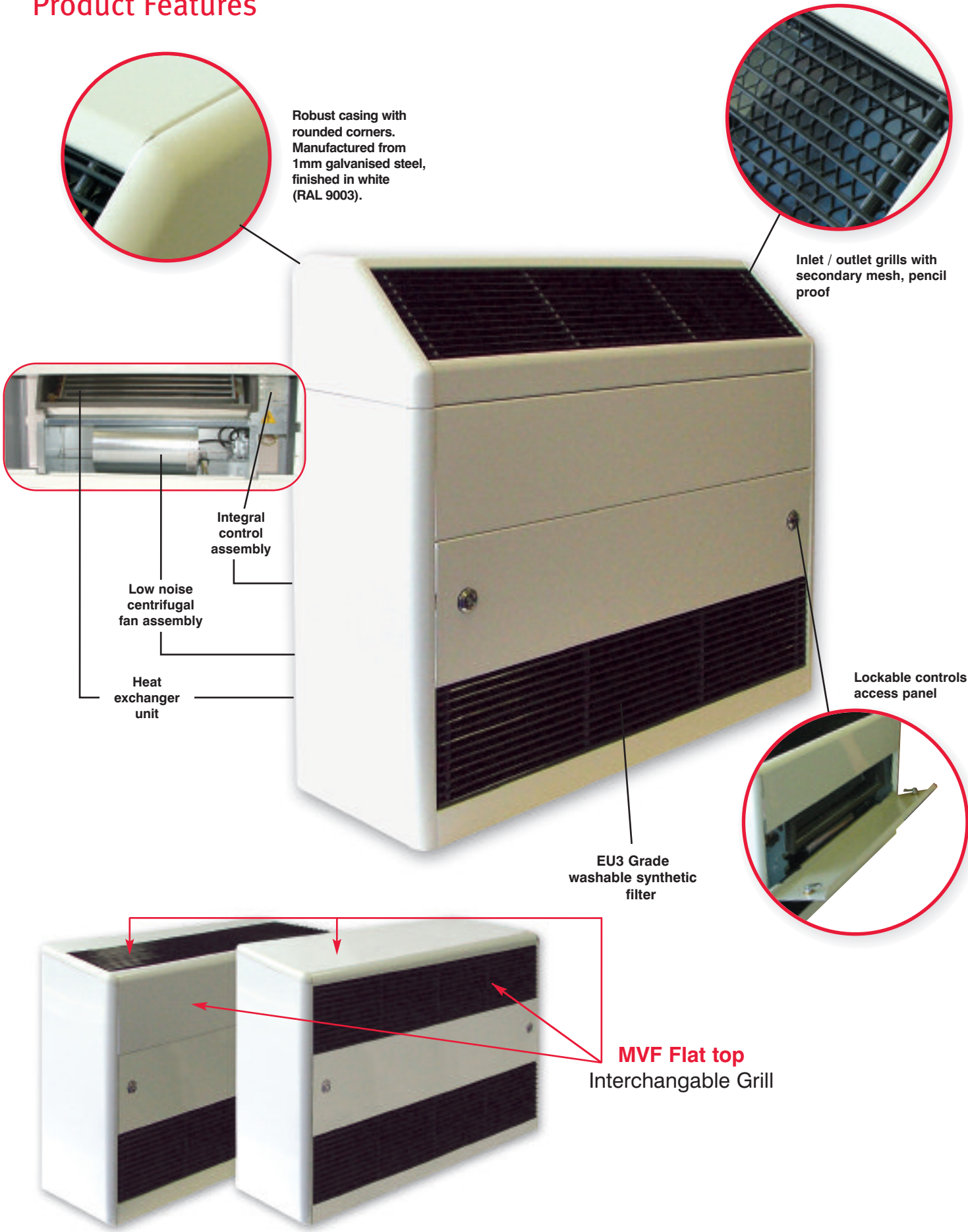
MVA ANGLE TOP



MVF FLAT TOP



Product Features



Component Specification

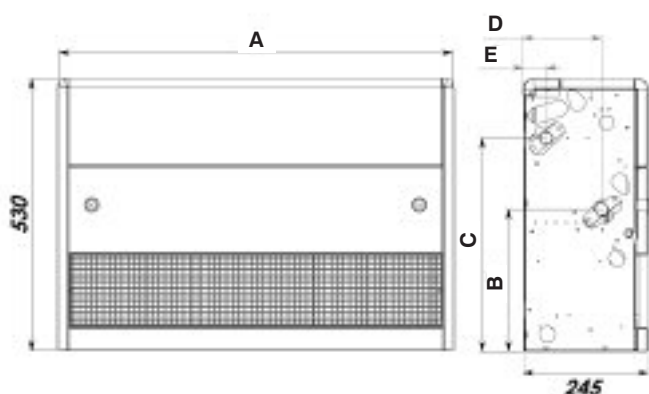
- **Casing** Manufactured from 1 mm galvanised sheet steel incorporating removable lockable access panel supplied with suitable access keys.
- **Finish** RAL 9003 (white)
- **Grilles** Manufactured from extruded aluminium finished in grey
- **Filter** Synthetic return air filter manufactured to EU3 Grade, washable.
- **Fans** Centrifugal, factory balanced to ensure quiet operation.
- **Heat Exchanger** 4 row, manufactured from drawn copper tube and aluminium fins, mechanically bonded by expansion process. Coil has brazed header complete with 1/8" BSP air vent and drain.
- **Connections** All water connections 1/2" BSP and are supplied as standard on left hand side (looking at unit) but can be changed easily on site to right hand connections.
- **Fan Assembly** Mounted on guide rails for easy maintenance.
- **Fan Motor** Single phase supply, 3 speed motor hermetically sealed with "sealed for life" bearings. Class IP 21, Class B.

Technical Data - MVA & MVF Models

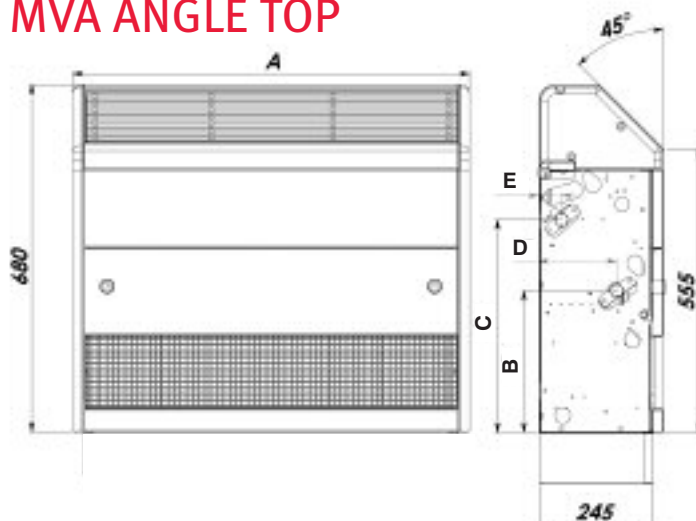
MODEL SIZE	SPEED	AIRFLOW L/SEC	EMMISSION (W)	COIL WATER PRESSURE DROP (KPA)
1	High Med Low	85 70 55	5200 4400 3600	7 5.2 3.7
2	High Med Low	125 100 80	8000 6900 5700	7 5.2 3.7
3	High Med Low	170 135 105	11,000 9100 7300	6.6 4.8 3.4
4	High Med Low	210 170 135	13,300 10,900 9100	11.1 8.2 6
5	High Med Low	280 220 180	16,900 14,200 11,800	16.8 11.6 9.6

Product Size Product Descriptions (mm) with accessories						
Dimensions		1	2	3	4	5
	A	775	990	1205	1205	1420
	B	270	270	270	276	276
	C	413	413	413	465	465
	D	150	150	150	150	150
	E	57	57	57	57	57

MVF FLAT TOP



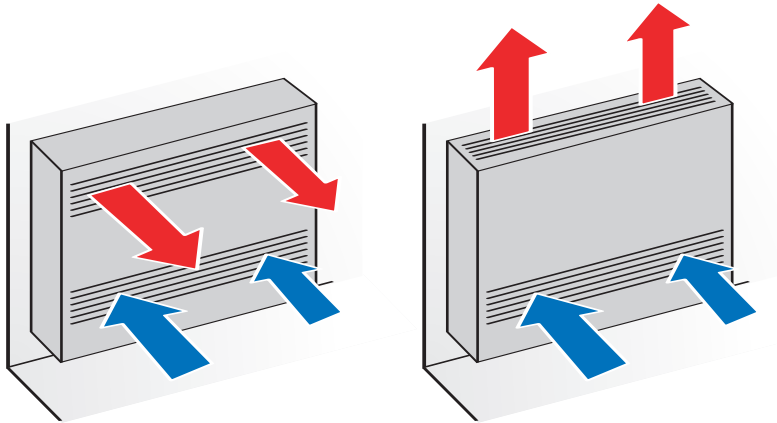
MVA ANGLE TOP



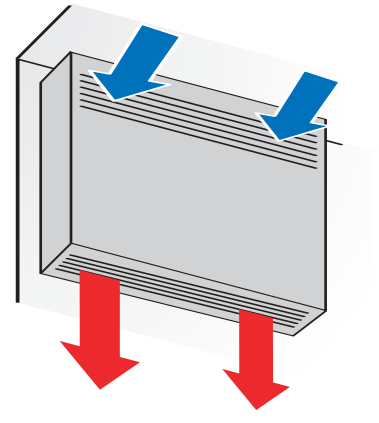
Installation options

MVF Model

Low Level

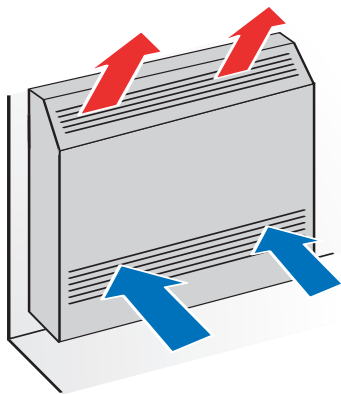


High Level

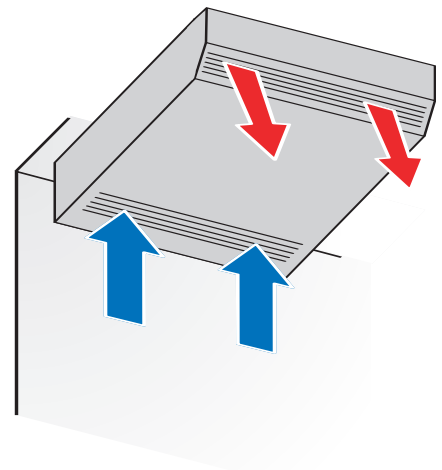
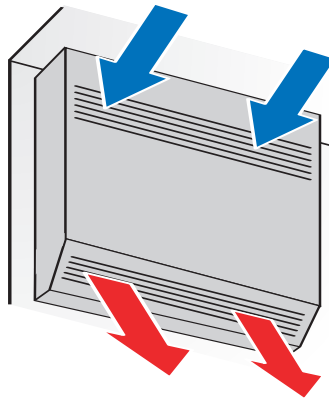


MVA Model

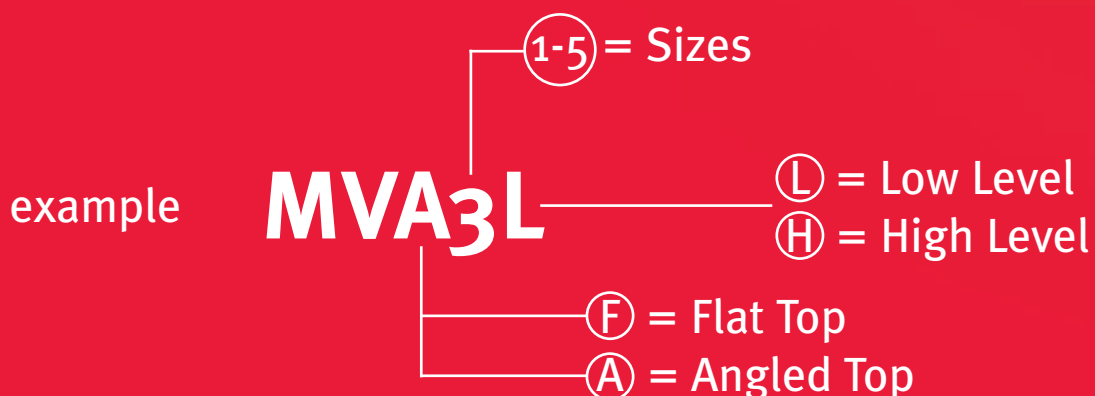
Low Level



High Level



Ordering Guide



Controls & Accessories

Controls

Low level units supplied with factory fitted integral controller with the following features:

- ON/OFF switch
- Automatic 3 speed controller
- Electronic return air thermostat
- Summer/winter switch
- Low temperature cut off switch

High level units supplied with separate wall mounted thermostat with the following features:

- ON/OFF switch
- Automatic 3 speed controller
- Wall mounted thermostat
- Summer/winter switch
- Low temperature cut off switch

Accessories

The following options are available for use with MVA and MVF Range:

- 100 mm plinths
- Multiple unit controllers

Other Sabiana Products suitable for similar applications



Pulsar Radiant Panels – Suitable for use with suspended ceilings, provide safe, silent and low maintenance option for heating spaces.



DS Radiant Panels – Robust product suitable for sports halls and gymnasias.



Energy Units – Ventilation/heat recovery units for installation in ceiling void.



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The Barn, Lullington, Derbyshire, DE12 8ED
Tel 01827 373 733, Fax 01827 373 735