

205MEV

Cooker Hood Unit



Central Extract System

The 205MEV unit is a residential mechanical central extract system designed to operate solely with the incorporated telescopic cooker hood.

The system will simultaneously ventilate separate areas in the home in addition to extracting through the cooker hood.

Normally extracting from wet rooms (bathrooms, WCs and kitchens) the system removes water vapour, smells and pollutants at the source.

Installation

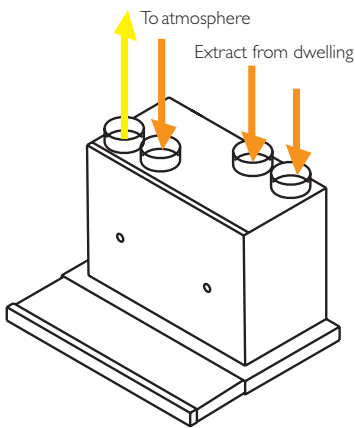
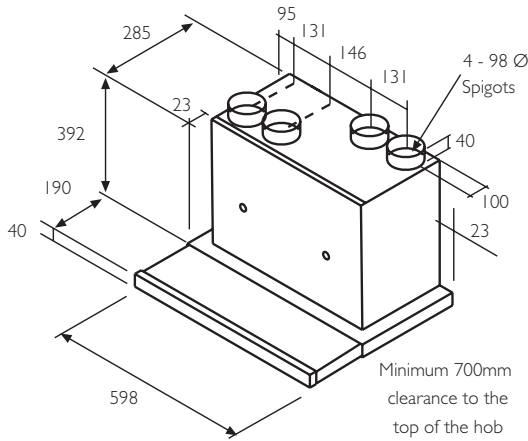
Designed for fitting above a residential cooker or residential hob. Units should be fitted a minimum of 700mm above the cooker/hob. Flat vertical area 1335mm high x 600mm wide is required for installation. The exhaust duct passes through an outside wall or roof and discharges to atmosphere in a suitable position.



- Controls condensation and odours
- Low noise - designed for continuous operation
- Integral Fire Damper for additional safety
- Extracts from a number of rooms and through the cooker hood
- Fits in a standard 600mm kitchen cupboard
- Reduces maintenance costs






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Dimensions



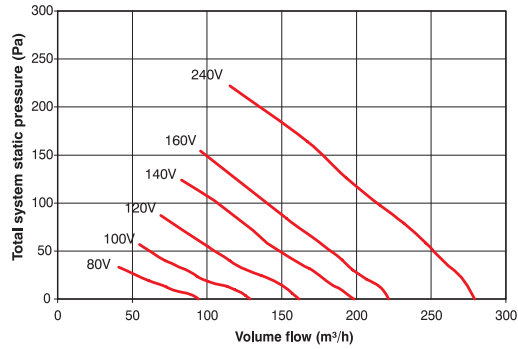
Weight: 17kg

Controllers & Sensors

Trickle Boost Switch	Ambient Response Humidistat	Visionex PIR	TIM2	7 Day TimeSwitch
				
45 52 13	56 35 50	45 96 23	37 03 46	56 35 15

Performance

The 205MEV unit has six speeds, any of which can be used as boost with an external controller. The performance curve chart gives the ventilation rates at each fan speed setting compared to the pressure drop of the system



When the telescopic hood is extended the MEV unit switches automatically to maximum. The hood passes the steam and fumes from cooking through the reticulated aluminium filters direct to the outside. The cooker hood must always be fully opened when the cooker/hob is in use.

Motor Speed	1	2	3	4	5	6
Volume m ³ /h (FID)	96	129	162	196	221	276

Power Consumption

Speed 1	80V	15W
Speed 2	100V	20W
Speed 3	120V	27W
Speed 4	140V	33W
Speed 5	160V	40W
Speed 6	240V	69W
Lamp On	240V	add 80W

Typical Specification

Supply and install a 205MEV Wholehouse Central Extract unit as manufactured by Vent-Axia Limited, Fleming Way, Crawley, West Sussex, RH10 9YX, Telephone 01293 441520.

Motor: should be 240V 50Hz A/C with ball race bearings, greased for life. It shall operate up to an ambient temperature of 40°C and be fitted with a thermal overload device.

Fan: The fan impeller should be of a backward curved centrifugal type, dynamically balanced. Manufactured from a polymeric material.

Controls: An integral multi-step transformer should power the unit. This will provide a switch gate between a selected slow speed and boost condition. The switch can be a manual or sensor type or a combination of both.

Ducting Spigots: The unit should provide 100mm dia x 40mm long spigots for all duct connections, three extract from rooms and one exhaust to atmosphere.

Fire Damper: A intumescent fire damper should be fitted between the Cooker Hood and the MEV unit.

Construction: The unit outer case should be of white powder coated sheet metal with polypropylene spigot connections. All internal sheet metal to be galvanised steel.

Mounting: Vertical only.

Sound Levels: dB(A)@ 3m
Maximum 22.6
Minimum 39.5
(at inlet grille)

Mains electrical supply: 230VAC 50Hz

Complies with the following directive: CE

Model: 205MEV Stock Ref: 43 69 43

For more information about the Vent-Axia 205MEV system please contact your local Vent-Axia representative or our head office

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