

MORI MEV

CENTRALISED MECHANICAL EXTRACT VENTILATION UNITS



PRODUCT INFORMATION

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APPLICATION

A range of centralised continuously running, low energy, ultra quiet extract fans that extract from multiple rooms such as kitchens, utility rooms, bathrooms, and toilets via a system of ductwork with a single discharge to atmosphere.



OPERATION

The **MORI MEV** is the most adaptable range of its type available on the market.

It can be set to operate in various operating modes, including:

1. Single speed (fully adjustable).
2. Two speed (each speed fully adjustable). The boost speed can be triggered by means of a remote switch or sensor.
3. Variable speed via manual controller; 149-SEN-CTRLM.
4. Variable speed via a building management system (BMS).
5. Three speed (first two speeds are fully adjustable and third speed is maximum speed of the fan) via manual 3 speed controller; 149-SEN-3V.

The unit also available with an integral humidity sensor, whenever the humidity threshold level is reached the fan will automatically increase in speed by 15% over which ever speed setting the unit is on.

When the humidity level drops below this threshold the fan will continue to run at the increased speed for a pre-set period of time before returning to the original speed to stop the fan speeding up and down when humidity is near the threshold.



FEATURES / BENEFITS

Regulatory compliant Complies with the requirements of approved documents F+L.

Extremely low power consumption Annual running costs as little as £5 per year for continuous operation.

Ultra-Quiet Almost imperceptible noise level on background settings.

Robust construction Coated metal casing and durable plastic front cover and spigots.

Flexible installation 4 inlet spigots to aid in installation and can simultaneously extract from multiple wet rooms to minimise system pressure drops.

Very adaptable Numerous control strategies to choose from and a wide duty range.

Resilient Suitable for ambient temperatures up to 40°C.

Rigorously tested to relevant standards Each fan is also individually tested prior to leaving the factory.

Warranty Each **MORI MEV** has a 5 year warranty as standard.

**SUITABLE FOR
BATHROOMS,
UTILITIES &
KITCHENS**

**ULTRA QUIET
LOW SFP**



PERFORMANCE DATA

Model	Air flow L/s max	Power W max	SFP	Sound Pressure Level dB(A) @3m	Ambient Temperature °C max
MORI MEV	108.8	36	0.33	14	50

220-240V, 50-60Hz. Air performance measured according to ISO 5801. Sound pressure level at 3m in free field, 40% speed.

KITCHEN +
6 WET ROOMS

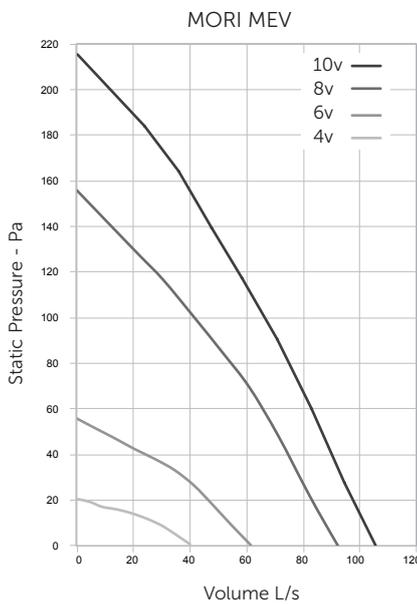
0.16 SFP

MORI MEV TEST RESULT - RIGID DUCT APPLICATIONS

K+n wet rooms	Flow Rate L/s	SFP (W/L/s) [2009]	Flow Rate L/s	SFP (W/L/s) [2012]
n = 1	15	0.17	21	0.17
n = 2	21	0.16	29	0.16
n = 3	27	0.17	37	0.17
n = 4	33	0.2	45	0.2
n = 5	39	0.24	53	0.24
n = 6	45	0.28	61	0.28

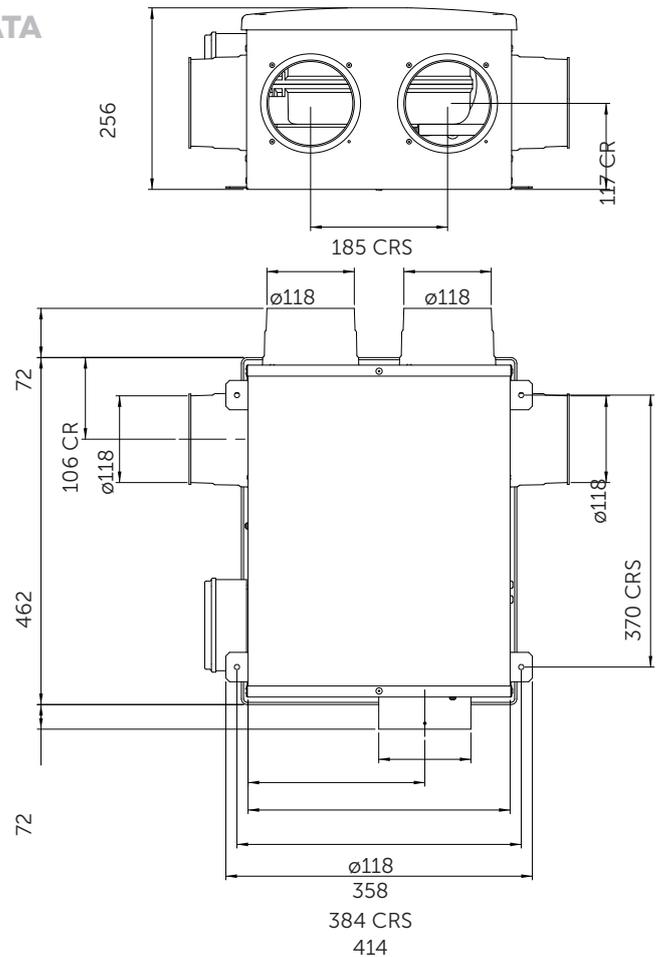
The NCM (SAP) identifier for this product is: **Technology Type** Ventilation, **Technology Category** CMEV, **Brand Name** Elta Fans, **Model Name** MORI MEV.

PERFORMANCE CURVE



DIMENSIONAL DATA

Dimensions in mm



CONTROLS	
PIR Sensor	149-SEN-PIR
Potentiometer for Speed Control of EC Motors	149-SEN-CTRLM
Tamperproof Humidistat	149-HS2
3 speed Controller	149-SEN-3V

Please contact Elta Fans for accessories.

ENERGY RATING: B

Stepped $\phi 125$ mm spigots



TEL: +44 (0) 1384 275800, **FAX:** +44 (0) 1384 275810, **E-MAIL:** RESIDENTIAL@ELTAFANS.CO.UK
46 THIRD AVENUE, PENNETT TRADING ESTATE, KINGSWINFORD, WEST MIDLANDS, DY6 7US, UK

WWW.HOMEVENT.CO.UK

*First year of warranty covers parts and labour. Following this period the warranty covers replacement parts only. Warranty is subject to inspection and maintenance having been carried out in accordance with our literature and terms and conditions of sale. Proof of purchase, periodic inspection and maintenance will be required in the event of any warranty claim.

Elta Fans Limited has a policy of continuous product development and improvement and therefore reserves the right to supply products which may differ from those illustrated and described in this publication. Confirmation of dimensions and data will be supplied on request.

EFR. MORI MEV. 24.02.15.

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