

MV EC 250



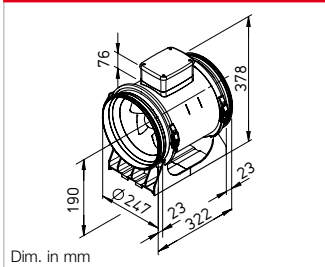
EC

MV EC 315



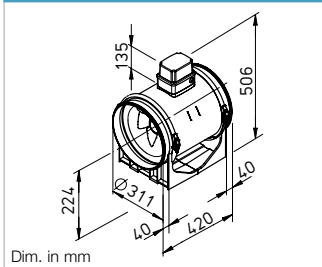
EC

Dimensions MV EC 250



Dim. in mm

Dimensions MV EC 315



Dim. in mm

Energy-saving EC round duct fan with high pressure performance, high volume output and space-saving dimensions.

Specifically designed for direct insertion in duct systems. Various applications in commercial, industrial and residential areas.

Description

■ Casing

The fan unit can be removed from the duct casing with integrated mounting bracket by loosening the clamp. All components are made of impact-resistant and corrosion-resistant plastic. Colour: Light grey.

■ Impeller

Optimised for high pressure performance and volume output, made of high-quality plastic. Dynamically balanced for low-noise operation.

■ Drive

Energy-saving, speed-controllable EC external rotor motor with high efficiency. Maintenance-free and ball bearing mounted.

■ Electrical connection

Spacious terminal box (IP44) on outside of casing; can be rotated into any position.

■ Motor protection

Integrated electronic temperature monitoring system for EC motor and electronics.

■ Power control

Continuously variable speed control via internal (delivery) or external potentiometer or continuously variable speed regulation with universal control system (see table). Performance levels are shown in the performance curve as an example.

■ Installation

No restrictions in any position (horizontal, vertical, diagonal) through corresponding installation for supply or extract ventilation. Installation in duct system, preferably away from the room to be ventilated for less noise.

■ Noise

The total level and range are specified above the performance diagram for:

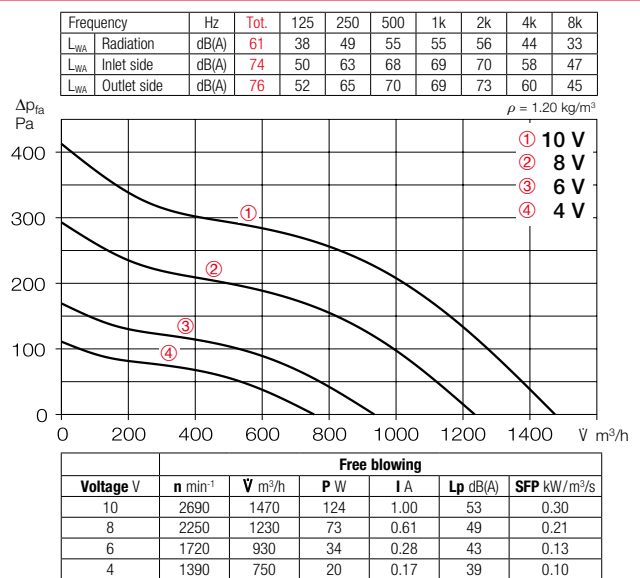
□ Case-radiated sound power.

□ Inlet side sound power

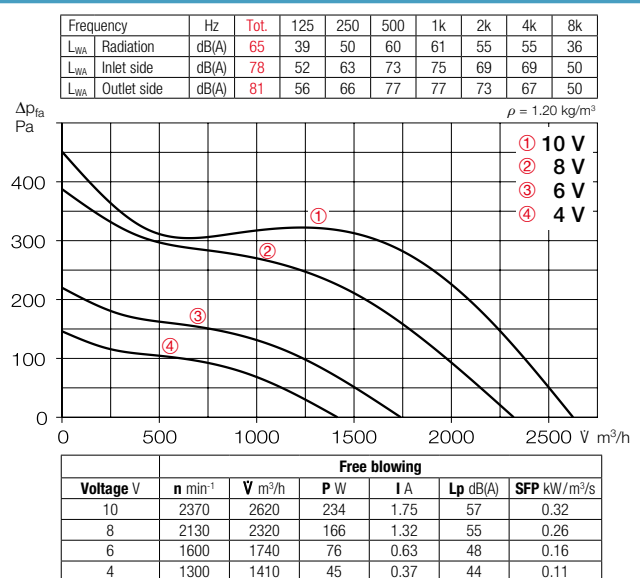
□ Outlet side sound power.

The case-radiated noise as sound pressure at 1 m (free field conditions) is also specified in the type table and the table below the performance curve.

Performance curves MV EC 250



Performance curves MV EC 315



■ Accessory details

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Flexible ventilation ducts, ventilation grilles, fittings, roof outlets	563 ff.
Disc valves	584 ff.
Universal control system, electronic controllers, speed potentiometer	615 ff.

Type	Ref. no.	Conne- ction Ø	Flow rate Free blow- ing	Rated speed	Sound press. case radia- tion	Power consum.	Current consum.	Wiring diagram	Max. air flow temp.	Wgt net aprx.	Universal control system	Speed potentiometer				
												flush-mount.		surf-mount.		
		mm	∇ m³/h	min ⁻¹	dB(A) in 1 m	kW	A	No.	+ °C	kg	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Single-phase alternating current, 230 V, 50/60 Hz, EC motor, IP45																
MV EC 250	06035	250	1470	2740	53	0.126	1.00	1194	50	5.3	EUR EC ¹⁾²⁾	01347	PU 10 ¹⁾	01734	PA 10 ¹⁾	01735
MV EC 315	06036	315	2620	2350	57	0.268	1.86	1195	50	9.5	EUR EC ¹⁾²⁾	01347	PU 10 ¹⁾	01734	PA 10 ¹⁾	01735

¹⁾ Multiple EC fans can normally be connected. ²⁾ alternative electronic diff. pressure/ temperature controller (EDR/ETR, No. 01437/01438) or three level speed switch (SU/SA, No. 04266/04267), see accessories.