



Product sheet:
Process Fan Upgrade kit
MX 1500 - 2800

Benefits:

- Energy consumption reduced by 50%
- Return on investment (ROI) of less than 2 years
- Green Tech energy efficient fan motor
- Flexible fan motor design allows for horizontal or vertical discharge
- Decreased sound level

Process Fan Upgrade Kit for Munters MX Series

Replacing an old and original fan with a 3kW motor for an EC fan upgrade offers the same air volume and static pressure with only 1.6kW power consumption. The EC (Electronic Commutator) fan is a permanent magnet motor that has an electronically controlled stator field,

compared with the voltage induced stator field of an AC induction motor. The EC motor allows proportional control over a 0-100% range with no induction present. This can be done via a pressure transducer or manual potentiometer control, either 0-10vdc or 4-20mA.

The EC fan is very versatile for installation and designed with removable feet, that allows for vertical discharge as well as the standard horizontal discharge. This allows for more flexibility, especially in tight installations.

Technical Specifications

EC centrifugal fan

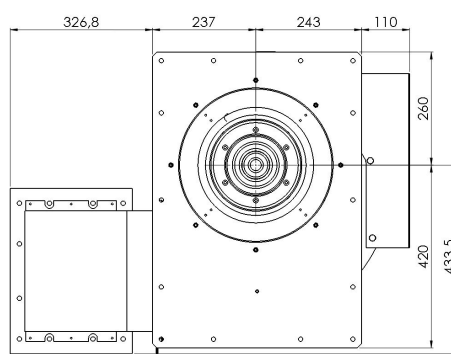
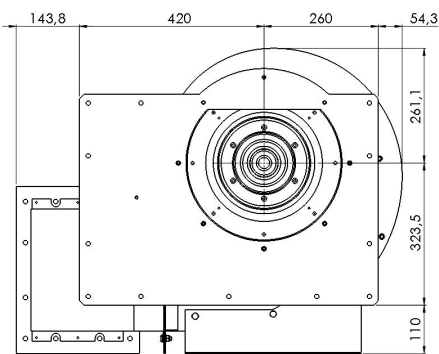
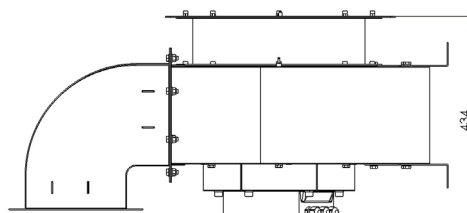
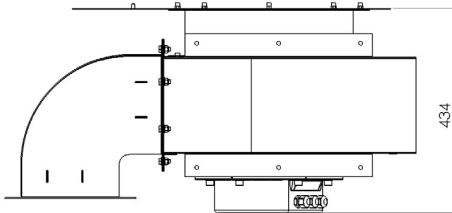
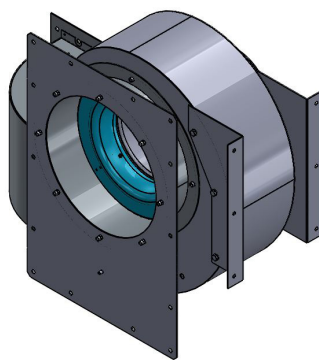
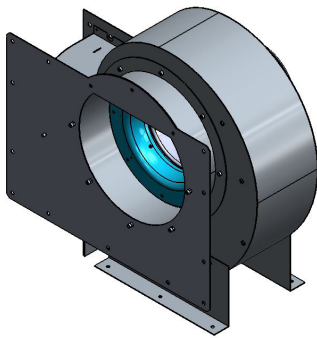
Maximum airflow	m ³ /h	4025
Airflow nominal	m ³ /h	2700
Available static pressure	Pa	1535
Total power	kW	3,24
Operating temperature	°C	-25 to 40
Voltage	V/Hz	400 VAC at 50/60 Hz
Current	A	4,9
IEC protective class (unit)	IP	54
Insulation Class		B
Weight	kg	15

Order information

Article no 170-031811-001
 Complete EC fan with flange mounted solution for both vertical and horizontal installations.

Installation

The kit is available only for installation by Munters Service Team, and also includes the final adjustment of airflows to secure optimal performance.

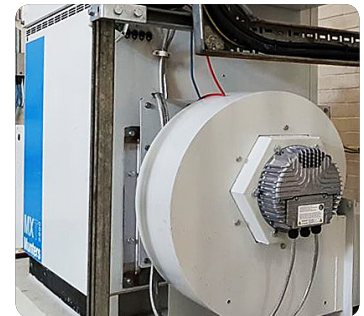


1.



Before upgrade
 A Munters MXT2800 dehumidifier equipped with the original fan

2.



After upgrade
 Same unit now equipped with the new EC fan motor.

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