

# MagFan mini - wall exhaust fan



MagFan Mini is a downsized version of the MagFan but has the same quality characteristics. It is made with a focus on aerodynamic optimization and is highly energy efficient. Also it is easy to assemble, install and operate.

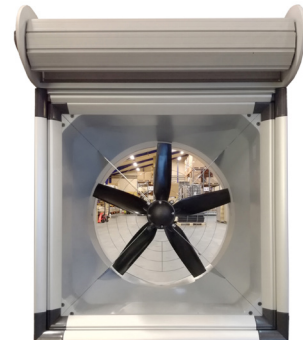
With a diameter of 740 mm (30") the capacity of 17.471 m<sup>3</sup>/hour (10.000 cfm) is significantly higher than that of other wall-mount fans with similar size fan motor. With a power consumption of 25.5 W/1000 m<sup>3</sup>/h (15 cfm/Watt) at 0 Pascal, the consumption is also very low when compared to other similar size fans.

MagFan Mini is a downsized MagFan and incorporates all the MagFan Trademarks:

- **Industry leading energy efficiency**
- **No maintenance**
- **Direct drive**

### Speed controlling

MagFan Mini is equipped with a 0.3 kW high efficiency motor designed for speed controlling. With the optional MagDrive Variable Frequency Drive (VFD), variable speed mode further reduces power consumption and allows for a much more uniform and precise airflow. The fan can also be operated on/off.



### MagDoor

The MagFan Mini can be installed with a MagDoor. The MagDoor creates an airtight, insulated seal not found on any other shutter or damper on the market. The MagDoor is motorized and operates on a simple on/off signal.

| MagFan mini<br>Volume flow as a function of pressure and RPM |                          |              |       |     |           |                         |
|--|--------------------------|--------------|-------|-----|-----------|-------------------------|
| Pressure (Pa)  | Flow (m <sup>3</sup> /h) | Pressure "WC | cfm   | RPM | Power (W) | W/1000m <sup>3</sup> /h |
| 0  | 17471                    | 0            | 10277 | 942 | 445       | 25.5                    |
| -10  | 16718                    | 0.04         | 9834  | 942 | 449       | 26.9                    |
| -20  | 15953                    | 0.08         | 9384  | 942 | 461       | 28.9                    |
| -30  | 14872                    | 0.12         | 8748  | 942 | 477       | 32.0                    |
| -40  | 13592                    | 0.16         | 7995  | 942 | 488       | 35.9                    |
| -50  | 12558                    | 0.20         | 7387  | 942 | 487       | 38.8                    |

### TECHNICAL SPECIFICATIONS

Motor 3 x 230V /3x400 V: 1.6/0.95 A  
 Shaft output power: 0.3 kW  
 Volume flow @ 0 Pa: 17471 m<sup>3</sup>/h @ 0 Pa  
 Specific consumption: 25.5 W / 1000 m<sup>3</sup>/h  
 Fan RPM: 945-960 @ 50 Hz  
 Materials: PP / stainless steel

