

MagFan Mini – 50 Hz Operation



MagFan Mini is a wall-mount fan, 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 17471 m³/hour (10000 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 m³/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
- Direct drive
- Maintenance free

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 air-tight, 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 Volume flow as a function of pressure and RPM						
Pressure (Pa)	Flow (m ³ /h)	Pressure "WC	cfm	RPM	Power (W)	W/1000m ³ /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 3×230V /3×400 V:	1.6/0.95 A
Shaft output power:	0.3 kW
Volume flow @ 0 Pa:	17471 m ³ /h @ 0 Pa
Specific consumption:	25.5 W / 1000 m ³ /h
Fan RPM:	942 @ 50 Hz
Materials:	PP / stainless steel

