MagFan Mini – 50 Hz Operation

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MagFan Mini

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 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
Volume flow as a function of pressure and RPM

Pressure (Pa)	Flow (m³/h)	Pressure "WC	cfm	RPM	Power (W)	W/1000m³/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 m³/h @ 0 Pa
Specific consumption:	25.5 W / 1000 m³/h
Fan RPM:	942 @ 50 Hz
Materials:	PP / stainless steel

MagFan Mini – 60 Hz Operation

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MagFan mini

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 18 790 m³/hour (11 052 cfm) is significantly higher than that of other wall-mount fans with similar size fan motor. With a power consumption of 23.1 cfm/Watt at 0.00 WC, 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

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MagFan Mini
Volume flow as a function of pressure and RPM

Pressure (Pa)	Flow (m³/h)	Pressure "WC	cfm	RPM	Power (W)	cfm/Watt
0	18 790	0	11 052	1 160	480	23.1
–10	17 780	0.04	10 458	1 160	495	21.1
–20	16 590	0.08	9 758	1 160	507	19.3
–30	15 230	0.12	8 958	1 160	519	17.3
–40	13 790	0.16	8 111	1 160	531	15.3
–50	11 960	0.20	7 035	1 160	547	12.9

TECHNICAL SPECIFICATIONS

Motor 3×230V /3×400 V:	1.6/0.95 A
Shaft output power:	0.3 kW
Volume flow @ 0 Pa:	18 790 m³/h @ 0 Pa
Specific consumption:	23.1 cfm/Watt
Fan RPM:	1 160 @ 60 Hz
Materials:	PP / stainless steel