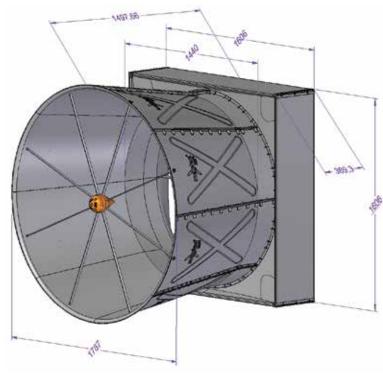
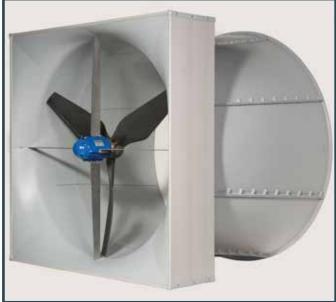
# MagFan PAN.





# **Specifications**

#### Wall frame:

PP-HD, gray (RAL 7040) PVC, gray (RAL 7040)

### Discharge cone:

PP-HD, gray (RAL 7040)

### Brackets, guards:

Stainless steel (304) Polyamide (PA6)

### Dimensions, assembled:

Weight: 50 kg

L x W x D (mm): See drawing

Øimpeller = 1425 mm

# Impeller:

Polyamide (PA6)

#### **Drive:**

12-pole PM motor Ø135mm IP55 Integrated speed drive and Power Factor Correction (PFC)

#### Shaft output power:

480-550 W @ 420-480 rpm

## Input:

Universal single phase input,

ranging from 85 to 265 VAC 50/60 Hz

Amperage depending on voltage, frequency and speed settings

# **Advantages**

- Direct drive 🖈 🖈 🖈 🖈
- Plug-and-run
- Maintenance free
- Reduces your power bill with up to 70 %
- Runs on 95 % of the world's power grid
- Designed and made in Denmark
- Saves 75 % on transportation costs



# MagFan PAI.





# Performance Data Capacities and efficiency

Test facility test #	Product	m³/h @ 0 Pa	W/1000 m³/h @ 0 Pa	m³/h @ -12.5 Pa	W/1000 m³/h @ -12.5 Pa
DACS	MagFan stage 1	51,687	9.72	49,960	11.48
DACS	MagFan stage 2	54,398	11.14	51,100	13.63
DACS	MagFan stage 3	55,598	11.71	53,200	14.32

Test facility	Product	cfm	cfm/W	cfm	cfm/W
test #		@ 0 Pa	@ 0 Pa	@ -12.5 Pa	@ -12.5 Pa
DACS	MagFan stage 1	30,422	60.55	29,405	51.27
DACS	MagFan stage 2	32,017	52.83	30,076	43.18
DACS	MagFan stage 3	32,724	50.26	31,312	41.20

None of DACS' competitors can offer a similar product, and therefore an energy optimization with this solution from DACS is extremely profitable.

