



## 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





Our test facility



## Performance Data Capacities and efficiency

Test facility test #	Product	m <sup>3</sup> /h @ 0 Pa	W/1000 m <sup>3</sup> /h @ 0 Pa	m <sup>3</sup> /h @ -12.5 Pa	W/1000 m <sup>3</sup> /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 test #	Product	cfm @ 0 Pa	cfm/W @ 0 Pa	cfm @ -12.5 Pa	cfm/W @ -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.

