

Unit Cooler Fan

Energy-saving axial fans.



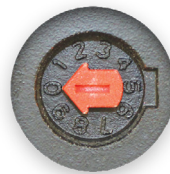
Current market solution:

- Multipart assembly
- Labor intensive replacement
- Complex inventory



Are you spending needless time and money replacing unit cooler fans?

Switching to the ebm-papst S1G305 unit cooler fan can help!



10-Position rotary switch

ebm-papst S1G305 solution:

- Complete and balanced assembly
- Quick & easy install
- High efficiency GreenTech EC motor technology
- 100 - 240 VAC wide voltage range
- 10 selectable speeds via rotary switch
- Fits common evaporators

Benefits

- Simplified inventory & guaranteed smooth running
- Can be installed under 5 minutes per fan
- Big energy savings
- Single P/N replaces 115 V or 230 V units
- Match the needed performance
- Eligibility for local utility rebates

Scan here:



S1G305 unit cooler replacement video

ebmpapst

EC axial fans

Sickled blades (S-series) single inlet Ø 305



Highlights:

- Motor current limit
- Soft start
- Over-temperature protected electronics
- Locked rotor protection

Material: Blades and struts: PP plastic

Mounting position: Any

Condensate discharge holes: None

Direction of rotation: Clockwise, seen on rotor

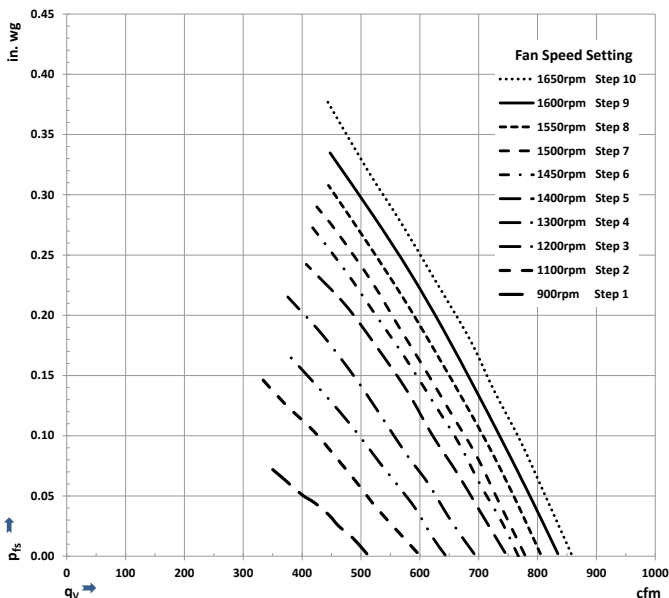
Nominal Data

Type	Motor	Voltage range VAC	Frequency Hz	Power input (1) W	Speed (1) RPM	Current draw (1) A	Max back pressure in H ₂ O	Temperature range °C	Mass lbs	Description
S1G305-DA02-07	M1G055-DF	100...240	50/60	60	1600	0.52	0.26	-40...40	3.6	Single speed
S1G305-DA02-10	M1G055-DF	100...240	50/60	60	1600 ⁽²⁾	0.52	0.26	-40...40	3.6	10-speed rotary switch

(1) Nominal data at maximum load.

(2) Speed settings (rpm): 900, 1100, 1200, 1300, 1400, 1450, 1500, 1550, 1600, 1650

S1G305-DA02-10 performance curves for the 10 speed settings



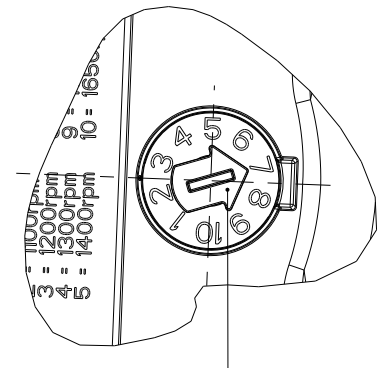
Air performance measured on an air chamber designed to meet ISO AMCA210-99 and ISO 5801, with fan installed as per ISO 5801 Installation Category A but without protection against accidental contact.

The fan was mounted in a square-edged orifice to simulate worst case unit cooler applications.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

For detailed information on the measurement set-up, please contact ebm-papst.

View of rotary switch speed selector shown without cover plate. Unit otherwise dimensionally the same as the single speed S1G305-DA02-07.



Speed selector shown set to #7, equal to 1500 rpm.

