

Max. 54 m³/h

AC centrifugal fans

□ 135 x 38 mm

Information

DC axial fans

DC centrifugal fans

DC fans - specials

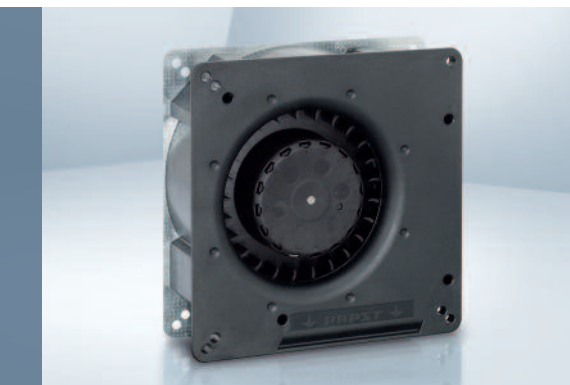
ACmaxx / EC fans

AC axial fans

AC centrifugal fans

Accessories

Representatives



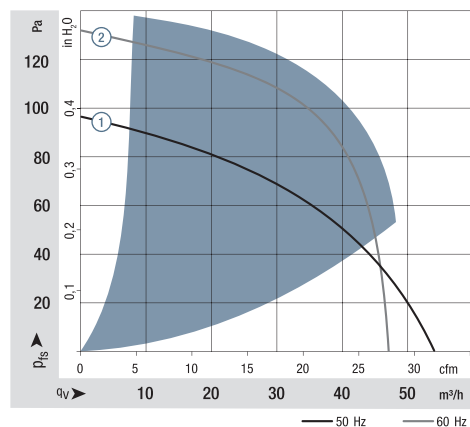
- **Material:** Scroll housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
Housing base: Sheet steel
- **Direction of air flow:** Centrifugal: discharge through window in housing
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** To 2 single wires AWG 22.
- **Highlights:** Forward-curved impeller
- **Weight:** 560 g
- **Possible special versions:** (See page 12)
 - Moisture protection
 - Salt spray protection
 - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

Series RG 90

Nominal data	Air flow	Air flow	Nominal voltage	Frequency	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L ₁₀ at 40 °C	at T _{max}	Curve
Type	m ³ /h	cfm	VAC	Hz	Bel(A)	□ / ■	Watts	rpm ⁻¹	°C	Hours	Hours	
RG 90-18/50	54	32	230	50	5.8	□	22.0	2 200	-30...+60	35 000 / 22 500		①
RG 90-18/56	54	32	230	50	5.8	■	22.0	2 200	-30...+60	35 000 / 22 500		①
RG 90-18/00	47	28	115	60	6.2	□	22.0	1 900	-30...+65	35 000 / 20 000		②
RG 90-18/06	47	28	115	60	6.2	■	22.0	1 900	-30...+65	35 000 / 20 000		②

Subject to change



Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{PA} measured at 1 m distance from fan axis.
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.
In the event of deviation from the standard configuration, the parameters must be checked after installation!
For detailed information see <http://www.ebmpapst.com/general-conditions>

