

Max. 170 m³/h

DC axial fans

□ 119 x 32 mm



- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise, looking towards rotor
 - **Connection:** Via single wires AWG 22, TR 64
 - **Highlights:** Speed automatically adjusted to cooling requirement
 - **Weight:** 220 g
- **Possible special versions:** (See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - Alarm with speed limit
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Moisture protection

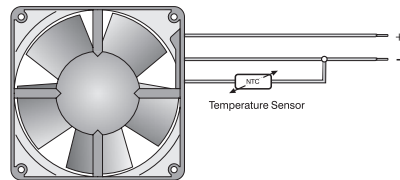
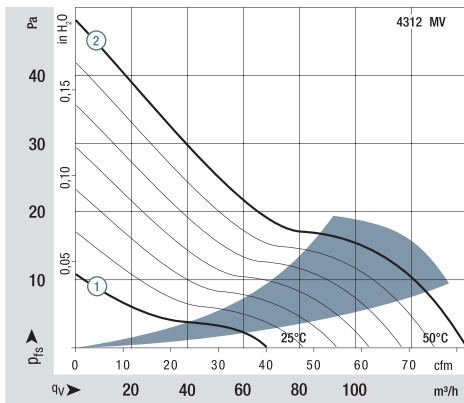
1) Fiberglass-reinforced plastic

Series 4300
VARIOFAN

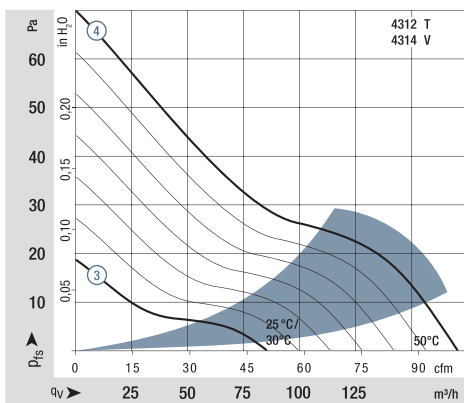
Nominal data

Type	Air flow		Nominal voltage		Voltage range		Sound pressure level		Sound power level		Sinter sleeve bearings	Power consumption	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst standard	Service life L ₁₀ (T _{max}) ebm-papst standard	Life expectancy L ₁₀ (IPC (40 °C) see page 17	Curve
	m ³ /h	cfm	VDC	VDC	dB(A)	Bel(A)	□ / ■	Watts	rpm ⁻¹	°C	Hours							
25°C 50°C	4312 MT	65 138	38 81	12	8...15	25 39	3.9 5.3	□	1.1 3.3	1 100 2 300	-20...+65	70 000 / 40 000	117 500	① ②				
25°C 50°C	4312 T	85 170	50 100	12	8...13.2	29 45	4.2 5.8	■	1.7 5.0	1 400 2 800	-20...+65	65 000 / 35 000	110 000	③ ④				
30°C 50°C	4314 T	85 170	50 100	24	18...32	29 45	4.2 5.8	■	1.6 4.8	1 400 2 800	-20...+65	65 000 / 35 000	110 000	③ ④				

Subject to change



The temperature sensor for controlling the motor speed is not included in the scope of delivery. For the temperature sensor LZ 370, see accessories.



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>

Rotor protrusion max. 0.4 mm.

