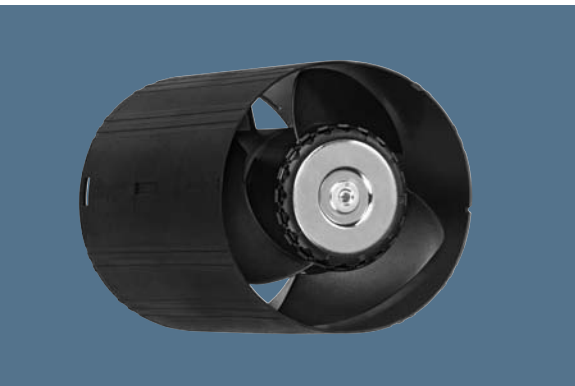


max. 135 m³/h

ACmaxx in-line duct fan

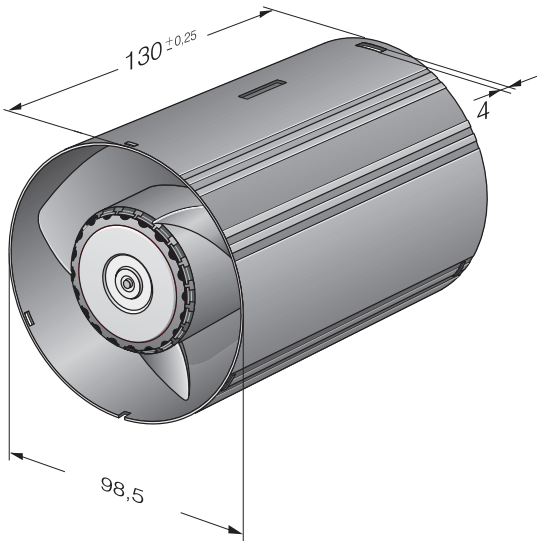
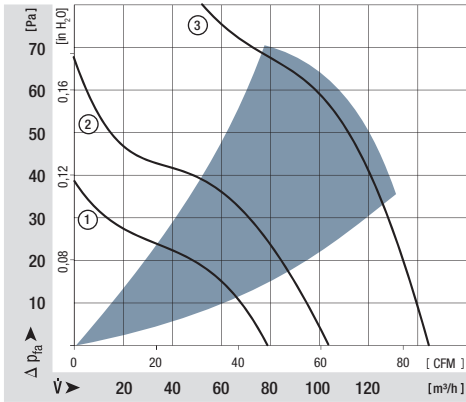
Series AC 100 NR Ø 98,5 x 130 mm



- Highlights:**
- Highest energy efficiency thanks to EC technology.
 - Protection class IP44 (IP45 possible depending on mounting position).
 - Speed-boost function via mains voltage switch.
 - Vibration-isolated motor.
 - Global voltage - one product applicable for all line voltages and frequencies between 85-265 VAC and 50/60 Hz. Fan speed independent from power frequency.
- General features:**
- Material: fibreglass-reinforced plastic, housing PP, impeller PA.
 - Electrical connection via 3-pole terminal block, max. 1.5 mm².
 - Protection class 2.
 - Approvals: VDE 60335-3-80. UL, CE, CSA on request.
 - Mass: 400 g.

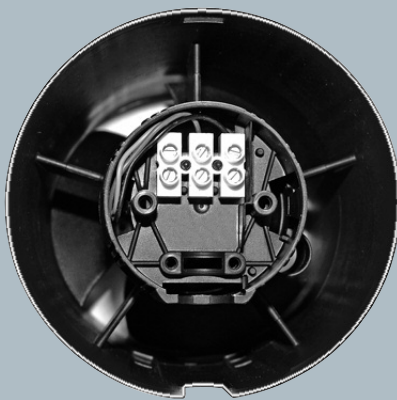
Nominal data		Air flow	Air flow	Nominal voltage	Frequency	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ at 40 °C	at T _{max}	Curve
Type		m³/h	CFM	V	Hz	VAC	dB(A)	Bel(A)	■ / ■	Watts	RPM	°C	Hours	Hours	
NEW nominal boost AC 100 NR		80	47,1	115/230	50-60	85...265	35	4,7	■	2,5	2 750	-10...+55	70 000 / 40 000		1
		105	61,8				42	5,3		4,5	3 500				2

Optional: Max. speed at 135 m³/h (Curve 3).

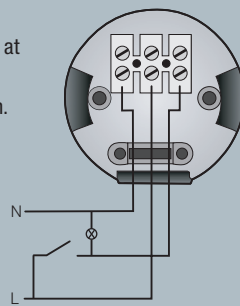


Highest energy efficiency: 0.03 - 0.045 W/m³/h free air (Specific fan power).
Boost speed setting: 2 speed settings possible via boost function.
Vibration isolation: Reduced transmission of vibrations from motor to housing.
Intelligence: Speed settings and control outputs optional.

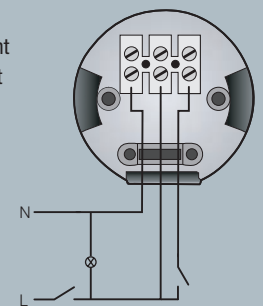
Connection



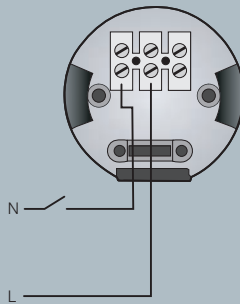
Example 1:
Continuous operation at nominal speed boost speed via light switch.



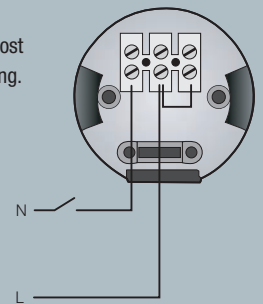
Example 2:
Nominal speed via light switch, separate boost switch.



Example 3:
Simple connection, nominal speed without switching.



Example 4:
Simple connection, boost speed without switching.



Scope of delivery

