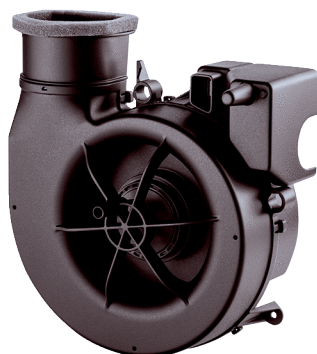


ER EC



Short description

ER EC fan insert for ER GH recessed-mounted housing, air volume of 30 m³/h / 60 m³/h

Application examples

Bathroom, Kitchen, Multiple family unit, Day room, Dining room

Article number 0084.0360

Technical data

Air flow volume	20 m³/h / 30 m³/h / 40 m³/h / 60 m³/h / 100 m³/h (Levels can be set in a variable manner depending on cover variant. ER-A: Level 1 = 30 m³/h, level 2 = 60 m³/h. ER-AK/ER-AB: Level 1 and level 2 = 20/30/40/60/100 m³/h can be set. ER-AH: Level 1 = 20/30/40 m³/h, level 2 = 60/100 m³/h can be set.)
Rotating speed	500 1/min / 800 1/min / 1.050 1/min / 1.250 1/min / 1.800 1/min (combined with ER GH, ER GH AP/APB)
Air direction	Air extraction
Speed controllable	–
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Power consumption	2 W / 2,5 W / 3 W / 5 W / 17 W / Combined with ER GH; 2,4 W / 2,9 W / 3,6 W / 6,2 W / 17 W combined with ER GH AP/APB
Degree of protection	IP X5
Mains cable	3/5 x 1,5 mm²
Installation site	Wall / Ceiling
Type of installation	Recessed-mounted
System type	Decentralised
Housing material	Polypropylene (PP)
Colour	Black
Weight	0,64 kg
Weight including packaging	0,91 kg
Filter class	ISO Coarse 30 % (G2)
Air outlet direction	at side / at rear
Width	213 mm
Height	233 mm
Depth	115 mm
Width with packaging	280 mm

ER EC

Height with packaging	280 mm
Depth with packaging	152 mm
Airstream temperature at I_{Max}	40 °C
Sound pressure level	15 dB(A) / 16 dB(A) / 23 dB(A) / 35 dB(A) / 48 dB(A) (combined with ER GH; 27 dB(A) / 31 dB(A) / 35 dB(A) / 41 dB(A) / 51 dB(A) combined with ER GH AP/APB/ Specification according to DIN 18017-3 with an equivalent absorption area of $AL = 10 \text{ m}^2$)
Approval number	Z-51.1-478
Packing unit	1 piece
Range	B
GTIN (EAN)	4012799843603

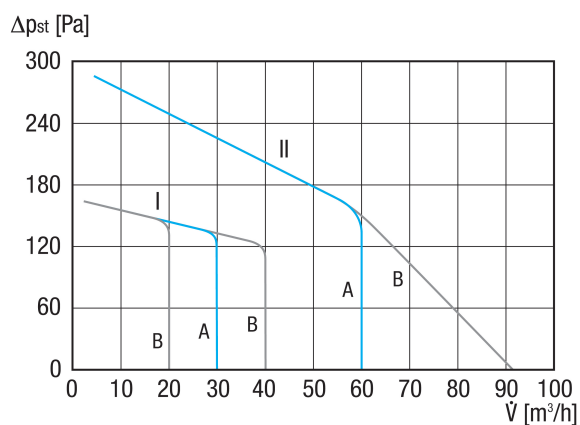
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S1}$ (dB(A))	–	–	–	–	–	–	–	–	19
$L_{WA7, S2}$ (dB(A))	–	–	–	–	–	–	–	–	20
$L_{WA, S3}$ (dB(A))	–	–	–	–	–	–	–	–	27
$L_{WA, S4}$ (dB(A))	–	–	–	–	–	–	–	–	39
$L_{WA, S5}$ (dB(A))	–	–	–	–	–	–	–	–	52

L_{WA7} = housing and free inlet sound power level in dB.

in combination with ER GH; 31 dB(A) / 35 dB(A) / 39 dB(A) / 45 dB(A) / 55 dB(A) in combination with ER GH AP/APB

Characteristic curve ER EC with ER GH exhaust opening at rear and ER GH AP/APB



I – level 1

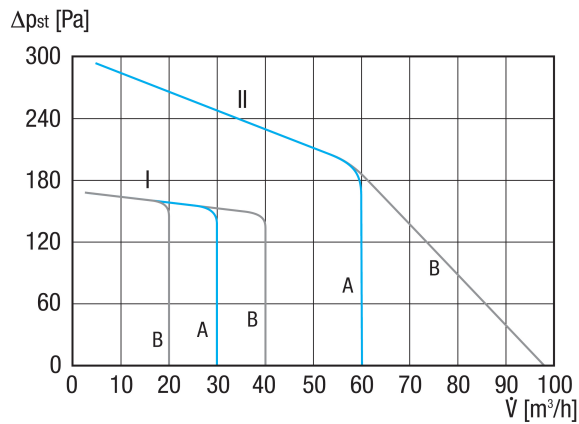
II – level 2

Ⓐ Factory settings for base and nominal load level in conjunction with ER-A cover

Ⓑ Alternative settings for base and nominal load levels in conjunction with ER-AK/...-AH/...-AB covers

ER EC

Characteristic curve ER EC and ER EC RF17 with ER GH exhaust opening at side



I – level 1

II – level 2

Ⓐ Factory settings for base and nominal load level in conjunction with ER-A cover

Ⓑ Alternative settings for base and nominal load levels in conjunction with ER-AK/...-AH/...-AB covers