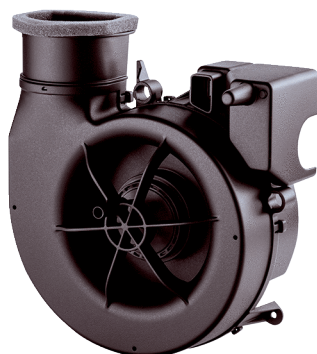


ER EC 2.1



Short description

ER EC 2.1 fan insert for ER GH flush-mounted housing and ER GH AP / ER GH APB surface-mounted housing, air flow volume 30 m³/h / 60 m³/h

Application examples

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

Article number 0084.0365

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	0,58 kg
Weight including packaging	0,85 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 2.1

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)	4012799843658

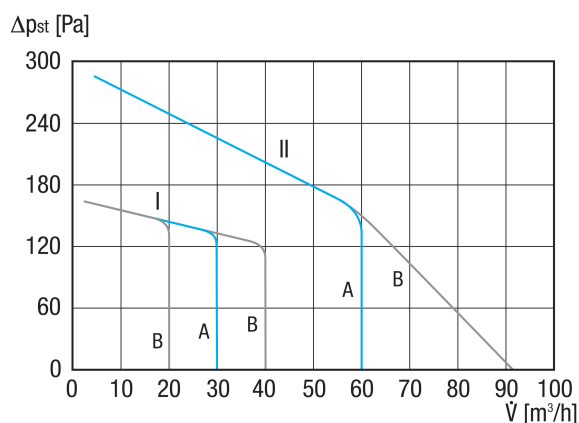
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S1}$ (dB(A))	–	–	–	–	–	–	–	–	19
$L_{WA, S2}$ (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

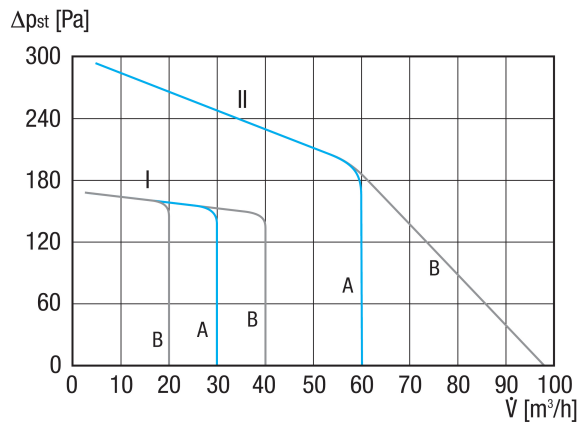
II – level 2

Ⓐ 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 2.1

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