

ER-APB 100 H



Short description

Surface-mounted fan with metal fire protection shut-off device for air extraction, air volume 100 m³/h, with humidity control and base load circuit

Application examples

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

Article number 0084.0180

Technical data

Model	Humidity control
Air flow volume	35 m ³ /h / 100 m ³ /h
Rotating speed	900 1/min / 1.850 1/min
Air direction	Air extraction
Speed controllable	–
SEC average	-21,82 kWh/(m ² *a)
Rated voltage	230 V
Frequency	50 Hz
Power consumption	10 W / 29 W
I _{max}	0,09 A / 0,15 A
Degree of protection	IP X5
Mains cable	3/5 x 1.5 mm ²
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
System type	Decentralised
Material	Synthetic material
Colour	Traffic white, similar to RAL 9016
Weight	2,1 kg
Weight including packaging	2,66 kg
Filter class	ISO Coarse 30 % (G2)
Fire protection	yes
Shut-off device	Integrated metal shut-off device with release mechanism
Connection diameter	75 mm / 80 mm
Width	236 mm
Height	236 mm
Depth	217,5 mm
Width with packaging	255 mm
Height with packaging	335 mm
Depth with packaging	255 mm

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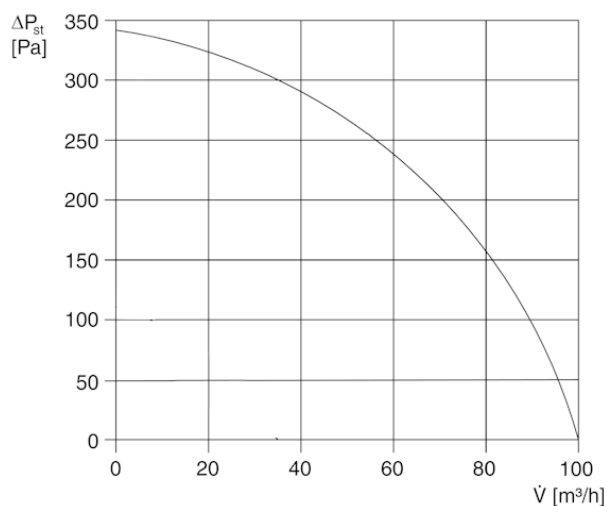
Airstream temperature at I_{Max}	40 °C
Overrun time	6 min (Overrun time available when using an optional switch (e.g. light switch))
Sound pressure level	33 dB(A) / 49 dB(A) (Specifications in accordance with DIN 18017-3 at an equivalent absorption area $A_L = 10 \text{ m.}^2$)
Approval number	Z-51.1-45
Packing unit	1 piece
Range	B
GTIN (EAN)	4012799841807

Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, \text{ low}}$ (dB(A))	-	-	-	-	-	-	-	-	37
$L_{WA7, \text{ high}}$ (dB(A))	-	-	-	-	-	-	-	-	53

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

Characteristic curve



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Dimensioned drawing [mm]

