## 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		
	Humidity control		
Air flow volume	35 m³/h / 100 m³/h		
Rotating speed	900 1/min / 1.850 1/min		
Air direction	Air extraction		
Speed controllable	-		
SEC average	-21,82 kWh/(m²*a)		
Rated voltage	230 V		
Frequency	50 Hz		
Power consumption	10 W / 29 W		
I <sub>max</sub>	0,09 A / 0,15 A		
Degree of protection	IP X5		
Mains cable	3/5 x 1.5 mm <sup>2</sup>		
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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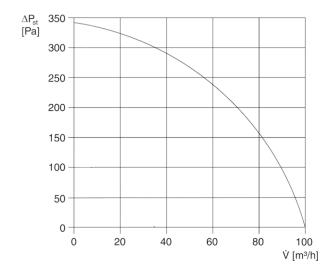
Airstream temperature at I <sub>Max</sub>	40 °C		
Overrun time	6 min (Overrun time available when using an optional switch (e.g.		
	light switch))		
Sound pressure level	33 dB(A) / 49 dB(A) (Specifications in accordance with DIN 18017-		
	at an equivalent absorption area A <sub>L</sub> = 10 m.²)		
Approval number	Z-51.1-45		
Packing unit	1 piece		
Range	В		
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 <sub>WA7</sub> , low	_	_	-	-	-	_	-	-	37
(dB(A))									
L <sub>WA7</sub> , high	_	-	_	_	_	-	-	-	53
(dB(A))									

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

#### Characteristic curve



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### Dimensioned drawing [mm]

