

# ER-APB 100



## Short description

Surface-mounted fan with metal fire protection shut-off device for air extraction, air volume 100 m<sup>3</sup>/h

## Application examples

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

Article number 0084.0176

## Technical data

|                            |   |
|----------------------------|---|
| Model                      | Standard model  |
| Air flow volume            | 100 m <sup>3</sup> /h                                   |
| Rotating speed             | 1.850 1/min   |
| Air direction              | Air extraction  |
| Speed controllable         | ✓   |
| SEC average                | -6,47 kWh/(m <sup>2</sup> *a)                           |
| Rated voltage              | 230 V   |
| Frequency                  | 50 Hz   |
| Power consumption          | 28,5 W  |
| I <sub>max</sub>           | 0,15 A  |
| Degree of protection       | IP X5   |
| Mains cable                | 3 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                     | 2,08 kg   |
| Weight including packaging | 2,64 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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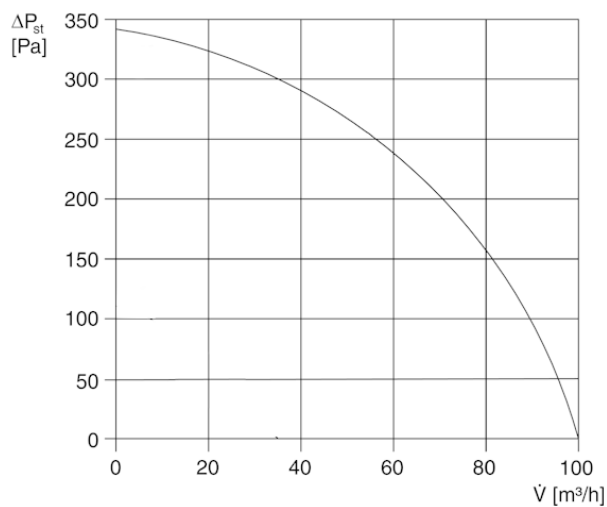
|                                    |   |
|------------------------------------|---|
| Airstream temperature at $I_{Max}$ | 40 °C   |
| Sound pressure level               | 49 dB(A) (Specifications in accordance with DIN 18017-3 at an equivalent absorption area $A_L = 10 \text{ m}^2$ ) |
| Approval number                    | Z-51.1-45   |
| Packing unit                       | 1 piece   |
| Range                              | B   |
| GTIN (EAN)                         | 4012799841760   |

## Sound power level in octave range

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

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

## Characteristic curve



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Dimensioned drawing [mm]

