

## VN-B 80 K



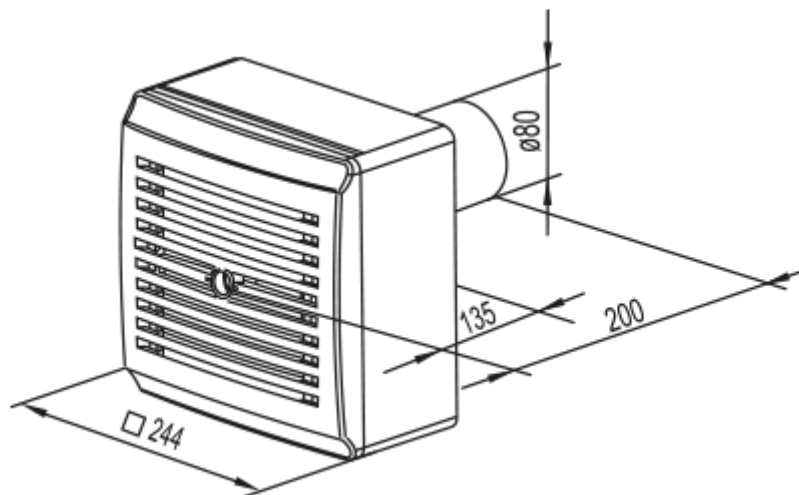
Centrifugal fans in plastic casing

- Maximum airflow: 102
- Sound pressure level LpA at 3 m: 46
- Control: Wired control panel
- Casing material: Plastic
- Backdraft protection: Backdraft damper

|   | Unit of measurement     | VN-B 80 K |      |
|---|-------------------------|-----------|------|
| Connected air duct size                     | mm                      | 80        |      |
| Speed                                       | -                       | 2         |      |
| Minimum supply voltage                      | V                       | 220       |      |
| Maximum supply voltage                      | V                       | 240       |      |
| Power supply frequency                      | Hz                      | 50        |      |
| Rated power                                 | W                       | 15        | 44   |
| Unit current                                | A                       | 0.12      | 0.18 |
| Maximum airflow                             | m <sup>3</sup> /h       | 35        | 102  |
| Sound pressure level LpA at 3 m             | dB(A)                   | 27        | 46   |
| Weight                                      | kg                      | 2.7       |      |
| Ambient air temperature min                 | °C                      | 1         |      |
| Ambient air temperature max                 | °C                      | 40        |      |
| Ingress protection rating                   | -                       | IP55      |      |
| ErP compliance                              | -                       | 2016      |      |
| Cold - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 25.9      |      |
| SEC Class Cold                              | -                       | C         |      |
| Average - Specific energy consumption (SEC) | kWh/(m <sup>2</sup> /a) | 9.5       |      |
| SEC Class Average                           | -                       | F         |      |
| Warm - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 0.1       |      |
| SEC Class Warm                              | -                       | F         |      |
| Unit category                               | -                       | RVU       |      |

|  |                       |                |
|--|-----------------------|----------------|
| Type of ventilation unit                           | -                     | Unidirectional |
| Type of drive installed                            | -                     | Multi-speed    |
| Type of heat recovery system                       | -                     | None           |
| Maximum flow rate                                  | m <sup>3</sup> /h     | 100            |
| Electric power input                               | W                     | 27             |
| Reference flow rate                                | m <sup>3</sup> /s     | 0.019          |
| Reference pressure difference                      | Pa                    | 50             |
| Specific power input (SPI)                         | W/(m <sup>3</sup> /h) | 0.243          |
| Control typology                                   | -                     | Manual control |
| Maximum external leakage rates                     | %                     | 2.7            |
| Cold - The annual electricity consumption (AEC)    | kWh/a                 | 304            |
| Average - The annual electricity consumption (AEC) | kWh/a                 | 304            |
| Warm - Jährlicher Stromverbrauch (JSV)             | kWh/a                 | 304            |
| Cold - The annual heating saved (AHS)              | kWh/a                 | 3355           |
| The annual heating saved (AHS) Average             | kWh/a                 | 1715           |
| The annual heating saved (AHS) Warm                | kWh/a                 | 776            |
| Declared typology                                  | -                     | RVU UVU        |
| Sound power level                                  | dB(A)                 | 46             |

## Dimensions



## Accessories

### Speed control switches

| Name                     | Photo   | Description |
|--------------------------|---|-------------|
| <a href="#">P2-1-300</a> |  | Switch      |

[P2-1-300](#)



Switch