

# VKHz 450 EC



Roof exhaust centrifugal fans with horizontal air exhaust

- Maximum airflow: 8110
- Sound pressure level LpA at 3 m: 63
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel

|                                        | Unit of measurement | VKHz 450 EC    |
|----------------------------------------|---------------------|----------------|
| Speed                                  | -                   | 1              |
| Minimum supply voltage                 | V                   | 400            |
| Maximum supply voltage                 | V                   | 400            |
| Power supply frequency                 | Hz                  | 50/60          |
| Rated power                            | W                   | 1323           |
| Unit current                           | A                   | 3.27           |
| Maximum airflow                        | m <sup>3</sup> /h   | 8110           |
| Sound pressure level LpA at 3 m        | dB(A)               | 63             |
| Weight                                 | kg                  | 46             |
| Transported air temperature (max)      | °C                  | 60             |
| Transported air temperature (min)      | °C                  | -20            |
| Ingress protection rating              | -                   | IPX4           |
| Ingress protection rating of the drive | -                   | IP54           |
| ErP compliance                         | -                   | 2016, 2018     |
| Unit category                          | -                   | NRVU           |
| Type of drive installed                | -                   | Integrated VSD |
| Type of heat recovery system           | -                   | None           |
| Nominal flow rate                      | m <sup>3</sup> /s   | 1.341          |
| Nominal external pressure              | Pa                  | 597            |
| Maximum external leakage rates         | %                   | 2.7            |
| Static efficiency                      | %                   | 66.7           |

|                                |       |          |
|--------------------------------|-------|----------|
| Declared typology              | -     | NRVU UVU |
| Sound power level              | dB(A) | 83       |
| Effective electric power input | kW    | 1.323    |

## Dimensions

| $\varnothing D$ | $\varnothing d$ | H   | L   | L1  | L2  |
|-----------------|-----------------|-----|-----|-----|-----|
| 438             | 11              | 420 | 710 | 535 | 700 |

