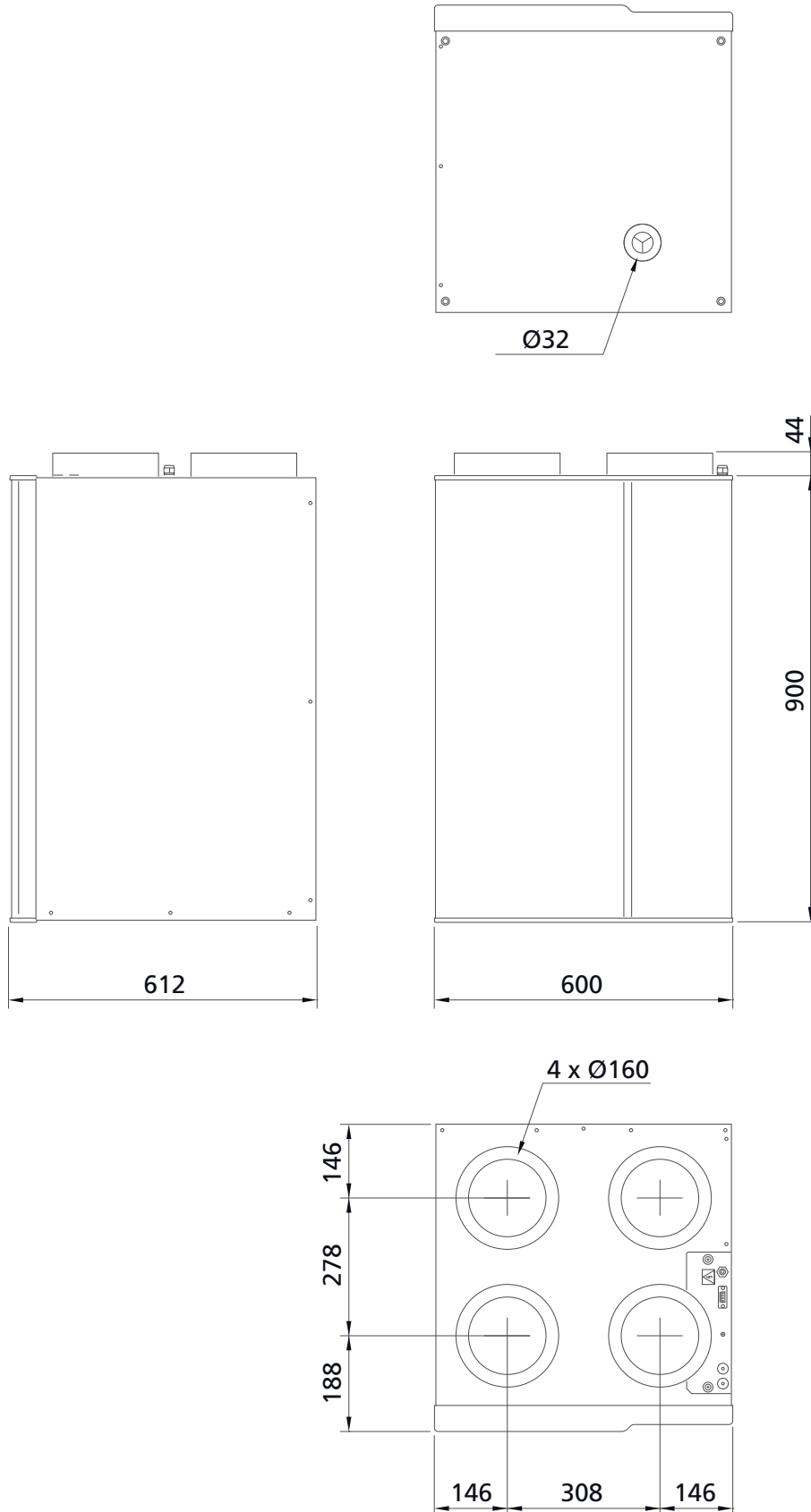


11 Technical data

Dimensions



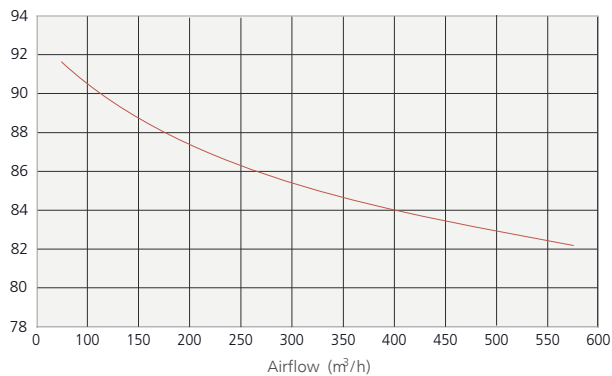
Technical specifications

| | | ERS 10 |
|--------------------------------------|-------|---------------|
| Electrical data | | |
| Supply voltage | | 230 V ~ 50 Hz |
| Fuse | A | 10 |
| Driving power fan | W | 170 x 2 |
| Enclosure class | | IP21 |
| Connections | | |
| Ventilation connection | mm | Ø160 |
| Connection, condensation water drain | mm | Ø32 |
| Noise level | | |
| Sound power level ($L_{W(A)}$) | dB(A) | 48 |
| Dimensions and weight | | |
| Length, supply cable | m | 2.4 |
| Length, control cable | m | 2.0 |
| Height | mm | 900 |
| Width | mm | 600 |
| Depth | mm | 612 |
| Weight | kg | 40 |
| Part no. | | 066 079 |

1 287 m³/h at 50 Pa

Temperature efficiency

Efficiency (%)



Energy labelling

| Supplier | | NIBE |
|--|---------------------------|---|
| Model | | ERS 10-500 |
| Specific energy consumption (SEC) | kWh/(m ² year) | Average: -34.03 Cold: -71.47 Warm: -9.95 |
| Energy efficiency class | | A |
| Declared typology | | RVU, Bidirectional |
| Type of drive | | Variable speed drive |
| Type of heat recovery system | | Recuperative |
| Thermal efficiency of heat recovery | | 86 |
| Maximum air flow rate | m ³ /h | 410 |
| Electric power input of the fan drive at maximum flow rate | W | 255 |
| Sound power level (LWA) | dB | 48 |
| Reference flow rate | m ³ /s | 0.0797 |
| Reference pressure difference | Pa | 50 |
| Specific power input (SPI) | W/m ³ /h | 0.36 |
| Control factor and control typology | | Clock control (0.95) |
| External leakage rates | % | Internrt: 2.2 Externt: 1.3 |
| Information about filter warning | | See user manual. |
| Information about supply/exhaust grilles in the facade | | See section General ventilation connections on page 11. |
| Information about pre-/disassembly | | See section Recovery on page 4. This installer manual can also be accessed at www.nibe.eu . |
| The annual electricity consumption | kWh/year | 456 |
| Annual heating saved, kWh primary energy per year | kWh prim/year | Average: 4,477 Cold: 8,758 Warm: 2,024 |