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STIEBEL ELTRON

VLR 70 L Trend EU
sensors



53
dB

74 m³/h

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2016

1254/2014

Product datasheet: Mechanical ventilation units to regulation (EU) no. 1254/2014 | 1253/2014

| | | VLR 70 L Trend EU |
|---|---------------------------|--|
| | | 203133 |
| Manufacturer | | STIEBEL ELTRON |
| Specific energy consumption in colder climates, control subject to on-site requirements | kWh/(m ² p.a.) | -82.33 |
| Specific energy consumption in average climates, control subject to on-site requirements | kWh/(m ² p.a.) | -40.52 |
| Specific energy consumption in warmer climates, control subject to on-site requirements | kWh/(m ² p.a.) | -16.57 |
| Energy efficiency class in colder climates, control subject to on-site requirements | | A+ |
| Energy efficiency class in average climates, control subject to on-site requirements | | A |
| Energy efficiency class in warmer climates, control subject to on-site requirements | | E |
| Ventilation unit type | | WLA, Two directions |
| Drive type | | Variable speed |
| Heat recovery method | | Renewable |
| Rate of temperature change for heat recovery | % | 76.80 |
| Max. air flow rate | m ³ /h | 74 |
| Max. power consumption | W | 21 |
| Sound power level Lwa | dB(A) | 53 |
| Reference air flow rate | m ³ /s | 0.01400 |
| Reference pressure differential | Pa | 0 |
| Specific input | W/(m ³ /h) | 0.22 |
| Control factor, control subject to on-site requirements | | 0.65 |
| Declared maximum internal leakage rates | % | 0.00 |
| Declared maximum external leakage rates | % | 2.40 |
| Mixing quota | % | 0.00 |
| Filter change indicator | | Visual filter change indicator integrated in display of the remote control |
| Instructions for controllable outdoor air grilles with ELA | | - |
| Internet address for assembly and disassembly instructions | | www.stiebel-eltron.com |
| Airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa | % | 15.0 |
| Internal and external air tightness | m ³ /h | 1.06 |
| Annual power consumption in colder climates with control subject to on-site requirements | kWh/a | 128 |
| Annual power consumption in average climates with control subject to on-site requirements | kWh/a | 128 |
| Annual power consumption in warmer climates with control subject to on-site requirements | kWh/a | 128 |
| Annual heating savings in colder climates with control subject to on-site requirements | kWh/a | 8553 |
| Annual heating savings in average climates with control subject to on-site requirements | kWh/a | 4372 |
| Annual heating savings in warmer climates with control subject to on-site requirements | kWh/a | 1977 |