



ENERG Y IJA
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STIEBEL ELTRON

LWZ 130 E-W
manual



33
dB

180 m³/h

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2016

1254/2014

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

| | | LWZ 130 E-W |
|--|---------------------------|--------------------|
| | | 204826 |
| Manufacturer | | STIEBEL ELTRON |
| Specific energy consumption in colder climates, manual control | kWh/(m ² p.a.) | -67.38 |
| Specific energy consumption in average climates, manual control | kWh/(m ² p.a.) | -32.84 |
| Specific energy consumption in warmer climates, manual control | kWh/(m ² p.a.) | -10.42 |
| Energy efficiency class in colder climates, manual control | | A+ |
| Energy efficiency class in average climates, manual control | | A |
| Energy efficiency class in warmer climates, manual control | | E |
| Ventilation unit type | | Two directions |
| Drive type | | Variable speed |
| Heat recovery method | | Recovery |
| Rate of temperature change for heat recovery | % | 77.2 |
| Max. air flow rate | m ³ /h | 180 |
| Max. power consumption | W | 105 |
| Sound power level Lwa | dB(A) | 33 |
| Reference air flow rate | m ³ /s | 0.035 |
| Reference pressure differential | Pa | 50 |
| Specific input | W/(m ³ /h) | 0.27 |
| Control factor, manual control | | 1 |
| Declared maximum internal leakage rates | % | 2,22 |
| Declared maximum external leakage rates | % | 2.78 |
| Annual power consumption in colder climates with manual control | kWh/a | 920 |
| Annual power consumption in average climates with manual control | kWh/a | 383 |
| Annual power consumption in warmer climates with manual control | kWh/a | 338 |
| Annual heating savings in colder climates with manual control | kWh/a | 8166 |
| Annual heating savings in average climates with manual control | kWh/a | 4174 |
| Annual heating savings in warmer climates with manual control | kWh/a | 1888 |



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STIEBEL ELTRON

LWZ 130 E-W clock



33
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180 m³/h

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2016

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| | | LWZ 130 E-W |
|--|---------------------------|--------------------|
| | | 204826 |
| Manufacturer | | STIEBEL ELTRON |
| Specific energy consumption in colder climates, time control | kWh/(m ² p.a.) | -68.92 |
| Specific energy consumption in average climates, time control | kWh/(m ² p.a.) | -34.02 |
| Specific energy consumption in warmer climates, time control | kWh/(m ² p.a.) | -11.41 |
| Energy efficiency class in colder climates, time control | | A+ |
| Energy efficiency class in average climates, time control | | A |
| Energy efficiency class in warmer climates, time control | | E |
| Ventilation unit type | | Two directions |
| Drive type | | Variable speed |
| Heat recovery method | | Recovery |
| Rate of temperature change for heat recovery | % | 77.2 |
| Max. air flow rate | m ³ /h | 180 |
| Max. power consumption | W | 105 |
| Sound power level Lwa | dB(A) | 33 |
| Reference air flow rate | m ³ /s | 0.035 |
| Reference pressure differential | Pa | 50 |
| Specific input | W/(m ³ /h) | 0.27 |
| Control factor, time control | | 0,95 |
| Declared maximum internal leakage rates | % | 2,22 |
| Declared maximum external leakage rates | % | 2.78 |
| Annual power consumption in colder climates with time control | kWh/a | 887 |
| Annual power consumption in average climates with time control | kWh/a | 350 |
| Annual power consumption in warmer climates with time control | kWh/a | 305 |
| Annual heating savings in colder climates with time control | kWh/a | 8237 |
| Annual heating savings in average climates with time control | kWh/a | 4210 |
| Annual heating savings in warmer climates with time control | kWh/a | 1904 |