

# Comfort CT150

## Ecodesign

|  |  |
|--|--|
| SEC* average climate   | -42.7 kWh/(m <sup>2</sup> .a)  |
| SEC* cold climate  | -82.1 kWh/(m <sup>2</sup> .a)  |
| SEC* warm climate  | -17.5 kWh/(m <sup>2</sup> .a)  |
| SEC* Class   | A+   |
| Type   | Two-way ventilation unit for residential   |
| Type of drive  | Variable speed drive   |
| Type of heat recovery system   | Recuperative<br>(counterflow heat exchanger)   |
| Thermal efficiency of heat recovery  | 91.9 %   |
| Maximum flow rate  | 175 m <sup>3</sup> /h (100 Pa)   |
| Electric power input of fan drive,<br>including any motor control equipment,<br>at maximum flow rate | 55.7 W   |
| Sound power level L <sub>WA</sub>  | 49 dB(A)   |
| Reference flow rate  | 0.034 m <sup>3</sup> /s (122.5 m <sup>3</sup> /h)  |
| Reference pressure difference  | 50 Pa  |
| SPI  | 0.163 W/(m <sup>3</sup> /h)  |
| Central demand control   | 0.85   |
| Maximum internal leakage   | 0.19 %   |
| Maximum external leakage   | 0.35 %   |
| Visual filter warning  | An alarm on the user panel appears<br>when filters need changing.<br><br>To maintain the performance and<br>energy efficiency of the unit it is very<br>important to change filters regularly. |
| Disassembly instructions   | <a href="http://www.nilan.dk">www.nilan.dk</a>   |

\* Specific energy consumption

|                                      |                                    |
|--------------------------------------|------------------------------------|
| AEC - annual electricity consumption | 192 kWh/year (100 m <sup>2</sup> ) |
| AHS** average climate                | 4681 kWh (100 m <sup>2</sup> )     |
| AHS** cold climate                   | 9157 kWh (100 m <sup>2</sup> )     |
| AHS** warm climate                   | 2117 kWh (100 m <sup>2</sup> )     |

\*\* Annual heating saved

