

# Comfort CT500

## Ecodesign

SEC* average climate	-39.6 kWh/(m <sup>2</sup> .a)
SEC* cold climate	-77.2 kWh/(m <sup>2</sup> .a)
SEC* warm climate	-16.4 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 (counterflow heat exchanger)
Thermal efficiency of heat recovery	85 %
Maximum flow rate	500 m <sup>3</sup> /h (100 Pa)
Electric power input of fan drive, including any motor control equipment, at maximum flow rate	338 W
Sound power level L <sub>WA</sub>	47 dB(A)
Reference flow rate	0.097 m <sup>3</sup> /s (350 m <sup>3</sup> /h)
Reference pressure difference	50 Pa
SPI	0.22 W/(m <sup>3</sup> /h)
Central demand control	0.85
Maximum internal leakage	1.1 %
Maximum external leakage	1.4 %
Visual filter warning	An alarm on the user panel appears when filters need changing.  To maintain the performance and energy efficiency of the unit it is very important to change filters regularly.
Disassembly instructions	<a href="http://www.nilan.dk">www.nilan.dk</a>

\* Specific energy consumption

AEC - annual electricity consumption	240 kWh/year (100 m <sup>2</sup> )
AHS** average climate	4494 kWh (100 m <sup>2</sup> )
AHS** cold climate	8792 kWh (100 m <sup>2</sup> )
AHS** warm climate	2109 kWh (100 m <sup>2</sup> )

\*\* Annual heating saved

