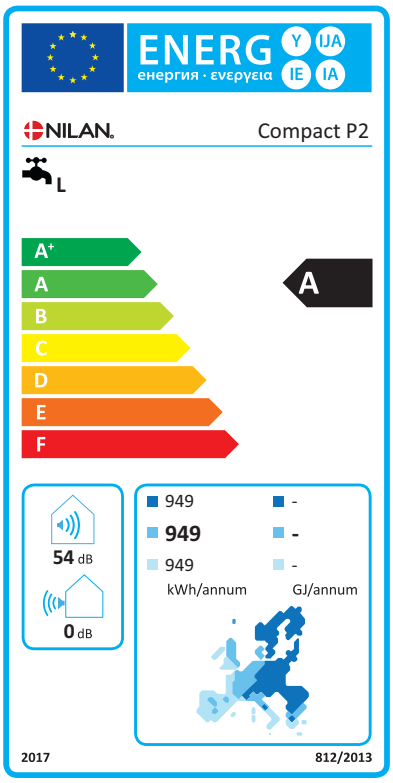
Compact P2

Hot water production

Consumer profile, water heater	L (Large)
Energy efficiency class	A
Energy efficiency for water heating - average climate	108 %
Annual electricity consumption - average climate	949 kWh/annum
Temperature settings on the thermostat	10 - 65 °C
Sound power level L_{WA}	54 dB(A)
The water heater can function outside peak load periods (Smart-grid)	Yes
Guidelines for assembly, installation and maintenance	See installation instructions
Energy efficiency for water heating - cold climate	108 %
Energy efficiency for water heating - warm climate	108 %
Annual electricity production - cold climate	949 kWh/annum
Annual electricity consumption - warm climate	949 kWh/annum



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Ecodesign

SEC* average climate	-39.8 kWh/(m².a)
SEC* cold climate	-77.8 kWh/(m².a)
SEC* warm climate	-15.4 kWh/(m².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	86.5 %
Maximum flow rate	398 m³/h (100 Pa)
Electric power input of fan drive, including any motor control equipment, at maximum flow rate	175.1 W
Sound power level L_{WA}	49 dB(A)
Reference flow rate	0.077 m³/s (278.6 m³/h)
Reference pressure difference	50 Pa
SPI	0.226 W/(m³/h)
Central demand control	0.85
Maximum internal leakage	1.47 %
Maximum external leakage	1.36 %
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	www.nilan.dk

*Specific energy consumption

AEC - annual electricity consumption	249 kWh/year (100 m²)
AHS** average climate	4535 kWh (100 m²)
AHS** cold climate	8872 kWh (100 m²)
AHS** warm climate	2051 kWh (100 m²)

** Annual heating saved