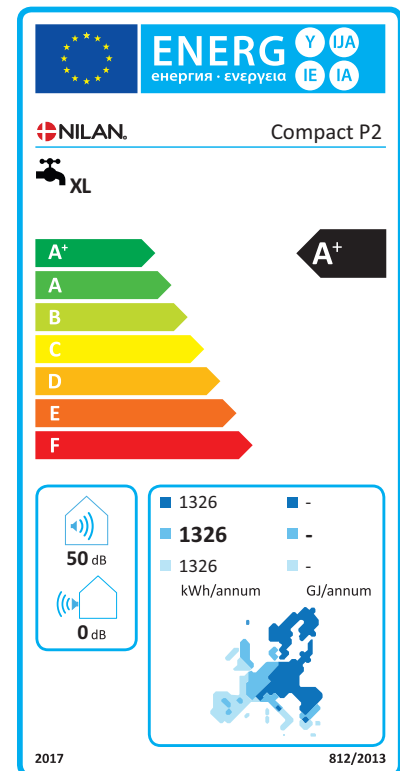


# Compact P2

## Hot water production

Consumer profile, water heater	XL (X-large)
Energy efficiency class	A+
Energy efficiency for water heating - average climate	126 %
Annual electricity consumption - average climate	1326 kWh/annum
Temperature settings on the thermostat	10 - 65 °C
Sound power level $L_{WA}$	50 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	126 %
Energy efficiency for water heating - warm climate	126 %
Annual electricity production - cold climate	1326 kWh/annum
Annual electricity consumption - warm climate	1326 kWh/annum



# Ecodesign

SEC* average climate	-40.6 kWh/(m <sup>2</sup> .a)
SEC* cold climate	-79.5 kWh/(m <sup>2</sup> .a)
SEC* warm climate	-15.7 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	90 %
Maximum flow rate	398 m <sup>3</sup> /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 <sub>WA</sub>	48 dB(A)
Reference flow rate	0,077 m <sup>3</sup> /s (278,6 m <sup>3</sup> /h)
Reference pressure difference	50 Pa
SPI	0,23 W/(m <sup>3</sup> /h)
Central demand control	0.85
Maximum internal leakage	2.04 %
Maximum external leakage	1.82 %
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	253 kWh/year (100 m <sup>2</sup> )
AHS** average climate	4630 kWh (100 m <sup>2</sup> )
AHS** cold climate	9057 kWh (100 m <sup>2</sup> )
AHS** warm climate	2093 kWh (100 m <sup>2</sup> )

\*\* Annual heating saved

