



# ENERG


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HITACHI

RAS-10WHNPE / RWM-10.0N1E / Integrated controller





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This label is edited by Hitachi's

The space heating function (55°C: for PAC other than low temperature)

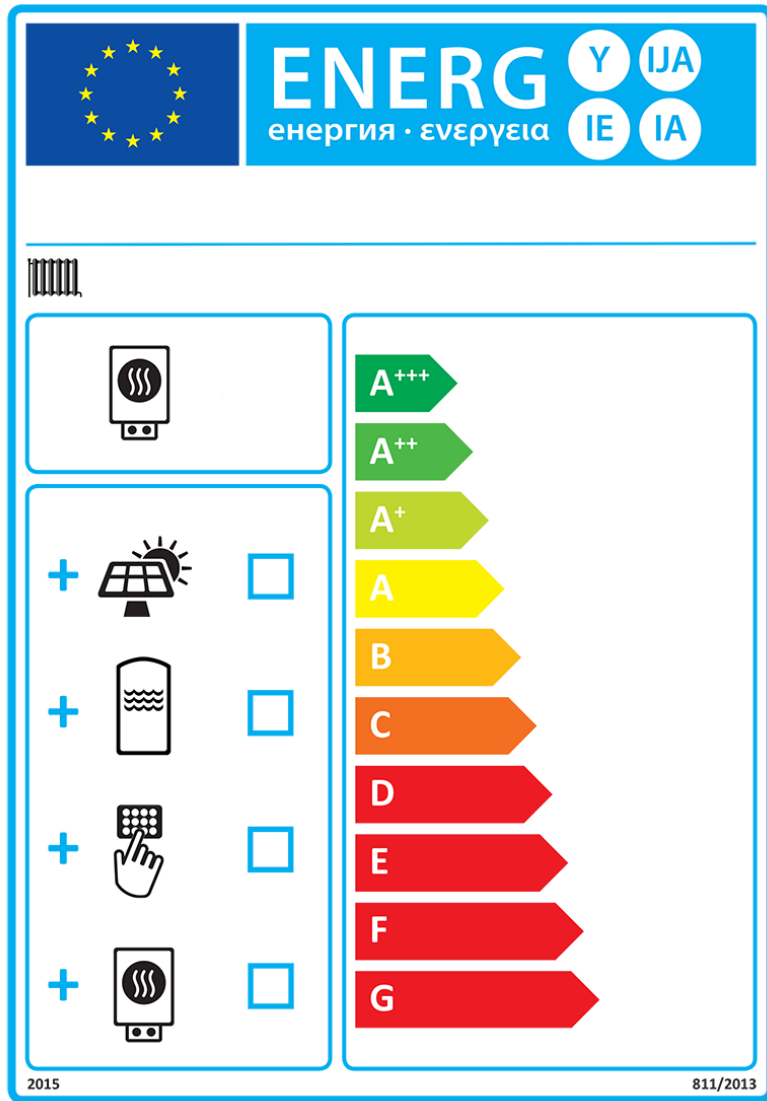
The system is composed of the combination of a Heat Pump and

Thermal solar panels

A storage tank

Temperature control systems

A supplementary space heating system boiler type



The seasonal space heating energy efficiency class of the package of combination heater, temperature control and solar device.

## Space Heating measurement fiche

Seasonal space heating energy efficiency of heat pump

I 116 %

Temperature control  
From fiche of temperature control

Class 1 = 1 %, Class 2 = 2 %,  
Class 3 = 1,5 %, Class 4 = 2 %,  
Class 5 = 3 %, Class 6 = 4 %,  
Class 7 = 3,5 %, Class 8 = 5 %,

II + 2 %

Supplementary boiler  
From fiche of boiler

Seasonal space heating energy efficiency (%)

III (   - 'I' ) x 'II' = - 0 %

Solar contribution  
From fiche of solar device

Colector size  
(m<sup>2</sup>)

Tank volume  
(m<sup>3</sup>)

Collector efficiency  
(%)

Tank rating  
A<sup>+</sup> = 0,95, A = 0,91,  
B = 0,86, C = 0,83,  
D-G = 0,81

IV ( 1,48 x   + 0,58 x   ) x 0,45 x (   / 100 ) x   = + 0 %

Seasonal space heating energy efficiency of package under average climate conditions.

V 118 %

Seasonal space heating energy efficiency class of package under average climate conditions.

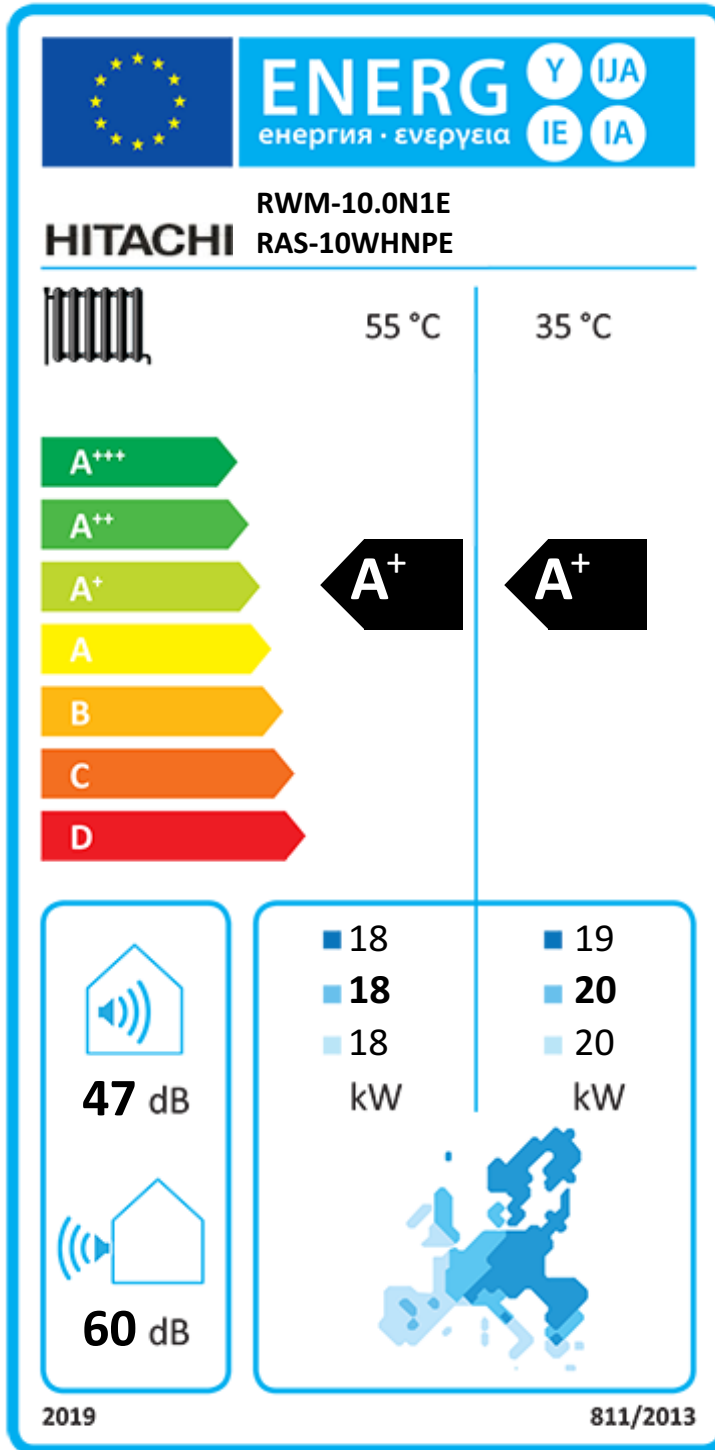
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>G</b>	<b>F</b>	<b>E</b>	<b>D</b>	<b>C</b>	<b>B</b>	<b>A</b>	<b>A<sup>+</sup></b>	<b>A<sup>++</sup></b>	<b>A<sup>+++</sup></b>
< 30 %	≥ 30 %	≥ 34 %	≥ 36 %	≥ 75 %	≥ 82 %	≥ 90 %	≥ 98 %	≥ 125 %	≥ 150 %

Seasonal space heating energy efficiency under colder and warmer climate conditions

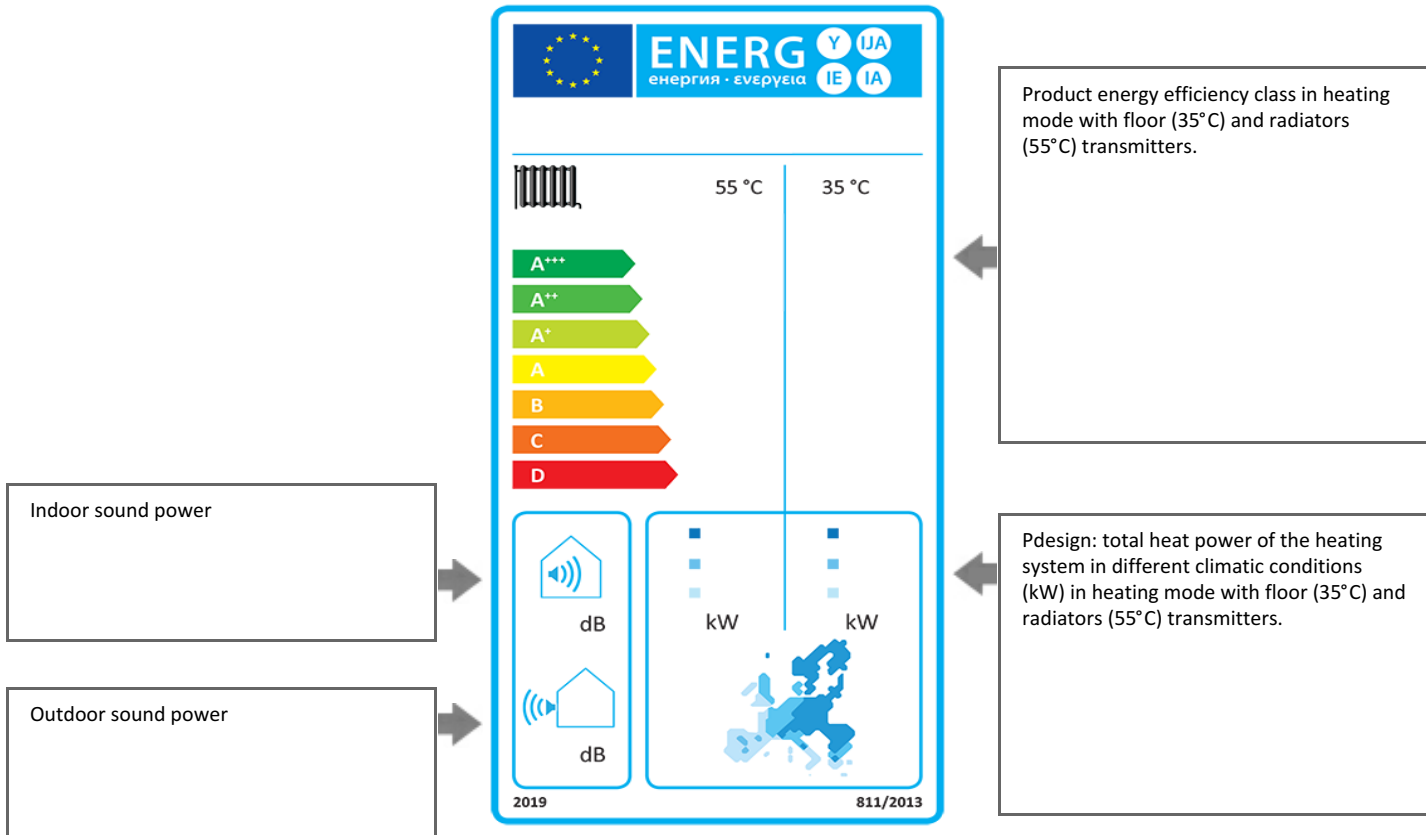
colder : 118 - 9 = 109 %  
VI

warmer : 118 + 57 = 175 %  
VI

*The energy efficiency of the package of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.*



This label is edited by Hitachi's "ErP Active Tool", Ecodesign implementation, in accordance with Annex II and III of European Regulation (EU) No 811/2013 of 18 February 2013.



European regulatory climate	Warm	Average	Cold
Outdoor temperature (T design-C°)	+2°C	-10°C	-22°C

The regulation 811/2013 requires the use of the 2015 label until 25/09/2019; For HITACHI most efficient products, showing an energy efficiency class higher than the maximum class displayed on the allowed label, please refer to the document named "Fiche".