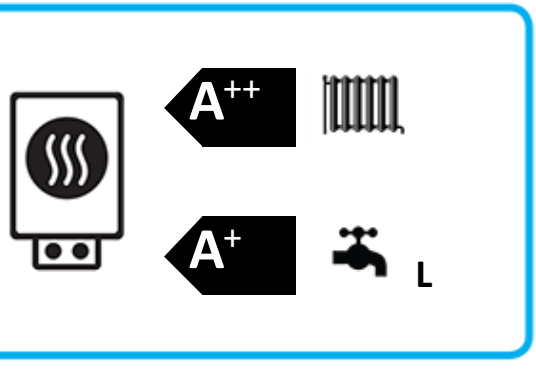
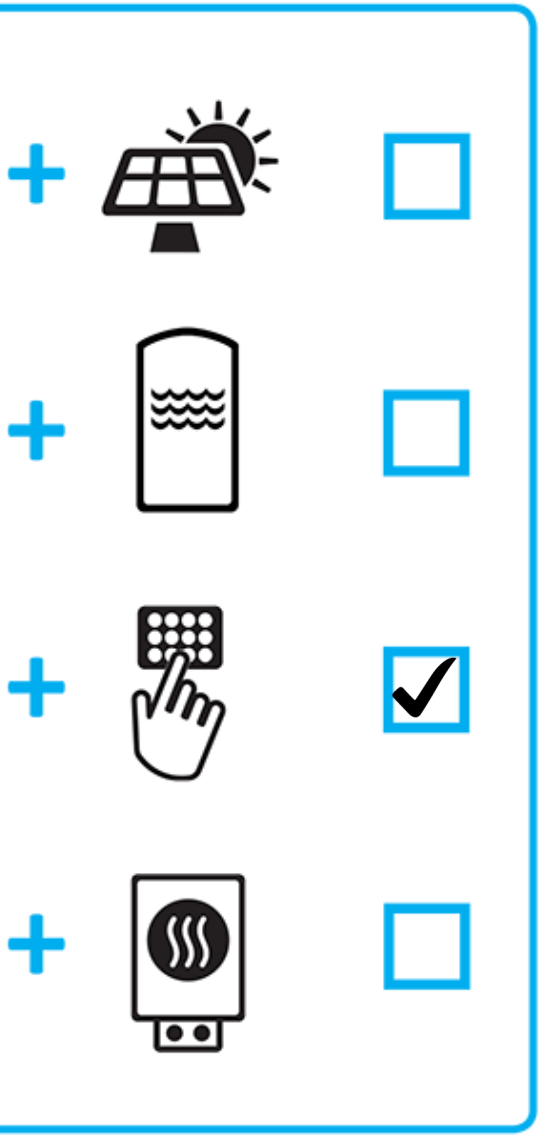
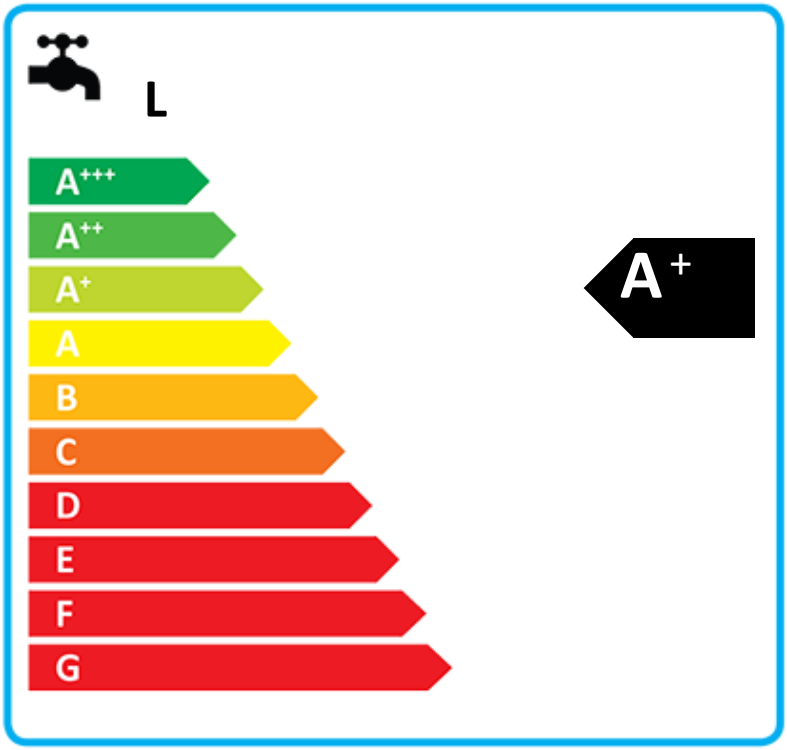
ENERGY
енергия · ενεργεια

HITACHI

RAS-5WHVNPE / RWH-5.0VNFWE / DHWS200S-2.7H2E / Integrated controller







2015

811/2013

Package Energy Efficiency Label

This label is edited by Hitachi's

The space heating function and the water heating function, including the declared load profile.

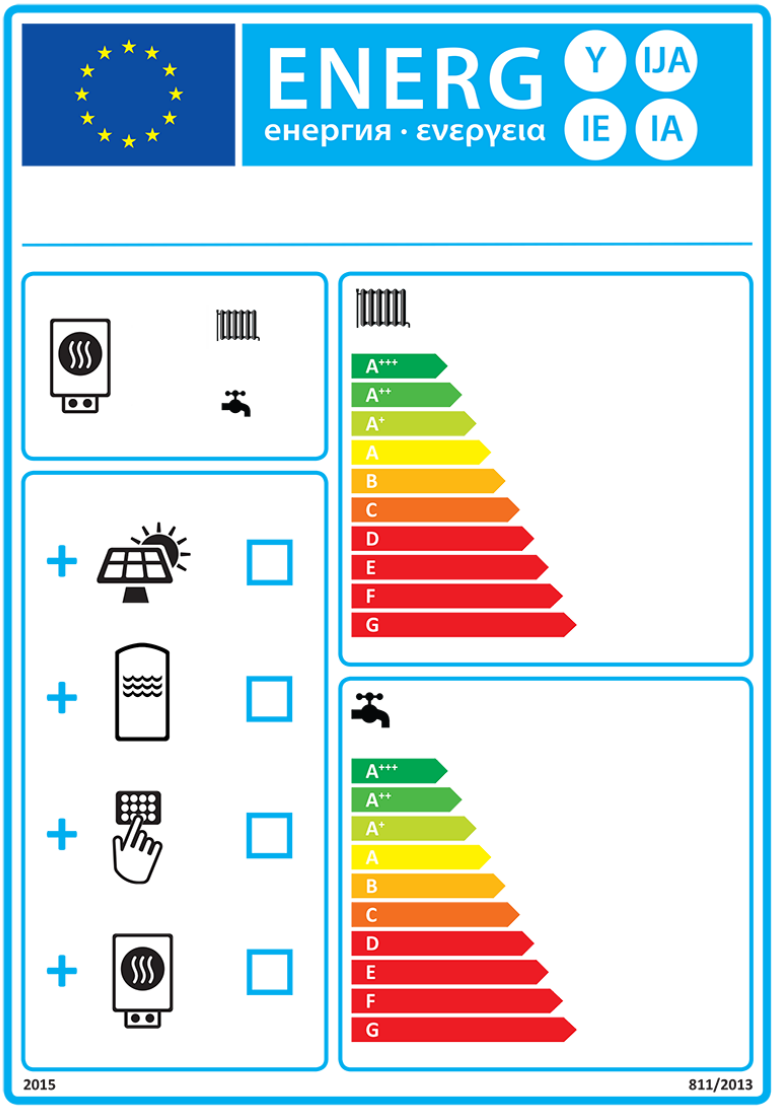
The system is composed of the combination of a Heat Pump and

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.

The water 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

1 — I: 131 %

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 %,

2 — + 2 %

Supplementary boiler

From fiche of boiler

Seasonal space heating energy efficiency (%)

(☐ - 'I') x 'II' =

3 — - 0 %

Solar contribution

From fiche of solar device

Colector size (m^2) | Tank volume (m^3) | Collector efficiency (%) | Tank rating: A^+ = 0,95, A = 0,91, B = 0,86, C = 0,83, D-G = 0,81

(1,91 x ☐ III + 0,75 x ☐ IV) x 0,45 x (☐ / 100) x ☐ =

4 — + 0 %

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

5 — 133 %

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

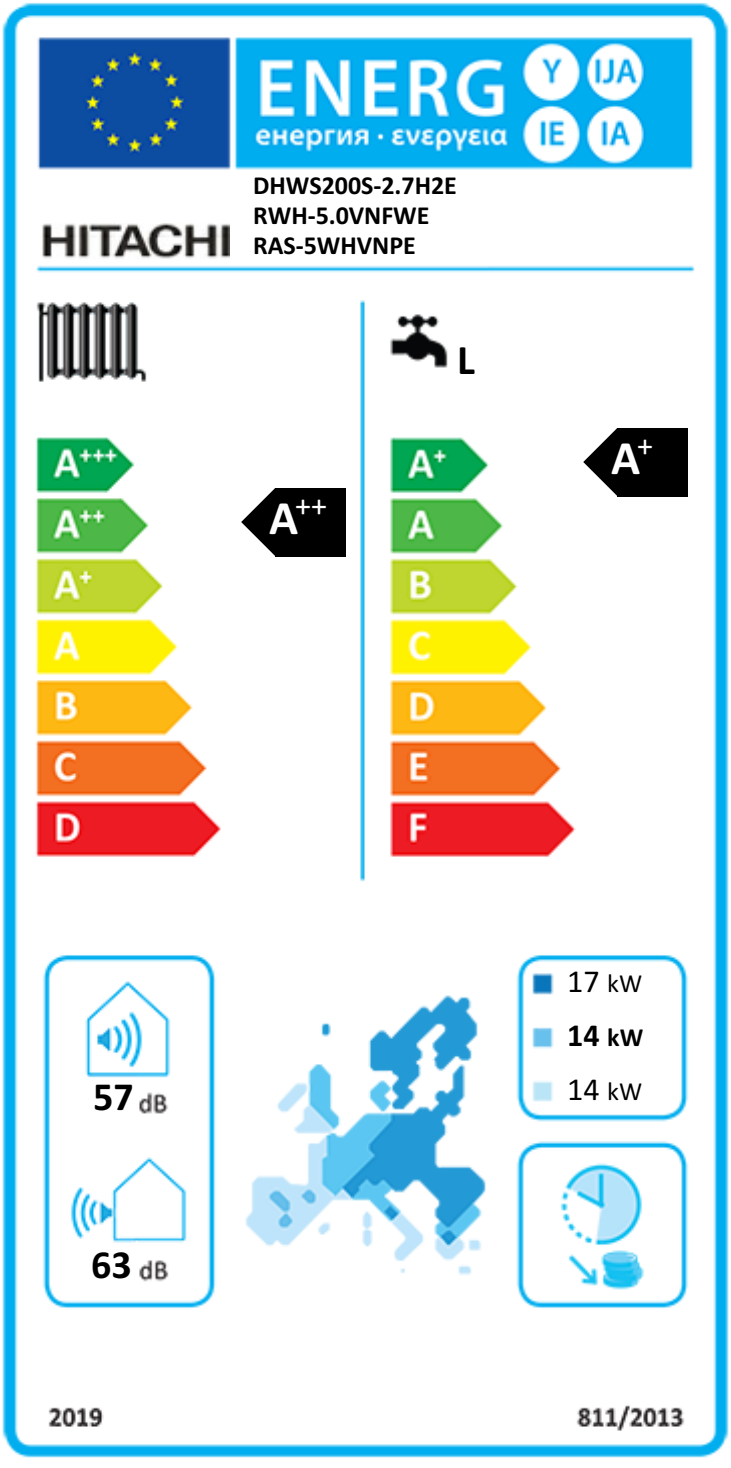
G	F	E	D	C	B	A	A^+	A^{++}	A^{+++}
☐	☐	☐	☐	☐	☐	☐	☐	☑	☐
< 30 %	≥ 30 %	≥ 34 %	≥ 36 %	≥ 75 %	≥ 82 %	≥ 90 %	≥ 98 %	≥ 125 %	≥ 150 %

Seasonal space heating energy efficiency under colder and warmer climate conditions

colder : 5 — 133 - 9 = V — 124 %

warmer : 5 — 133 + 46 = VI — 179 %

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.


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
DHWS200S-2.7H2E
RWH-5.0VNFWE
RAS-5WHVNPE
HITACHI
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
57 dB
63 dB
17 kW
14 kW
14 kW
2019
811/2013

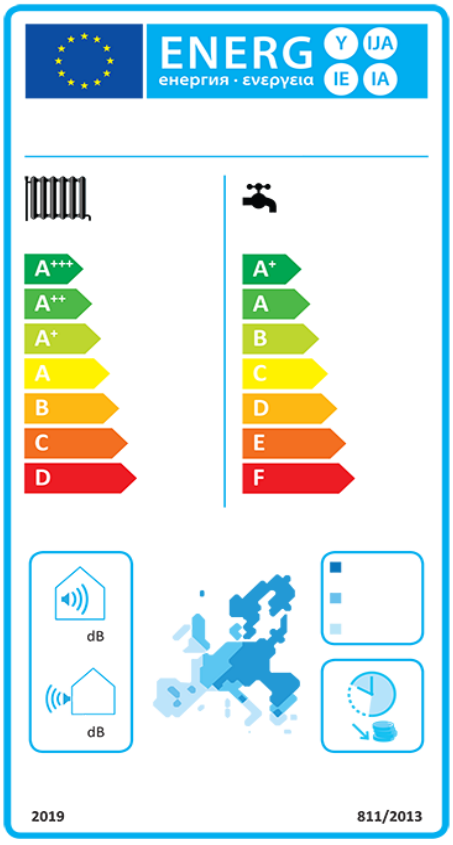
Energy Performance Label

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.

Product energy efficiency class in heating mode with radiators (55°C) transmitters.

Indoor sound power

Outdoor sound power



Product energy efficiency class for water heater and selected load profile by the manufacturer.

Pdesign: total heat power of the heating system in different climatic conditions (kW)

This pictogram indicates that the selected material has the ability to operate only in off peak hours.

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".