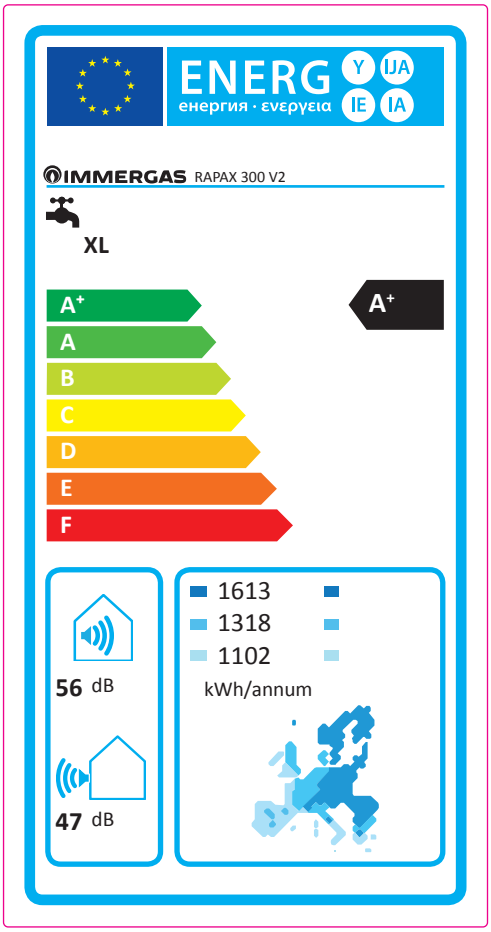
## 6 PRODUCT FICHE (IN COMPLIANCE WITH REGULATION 812/2013).

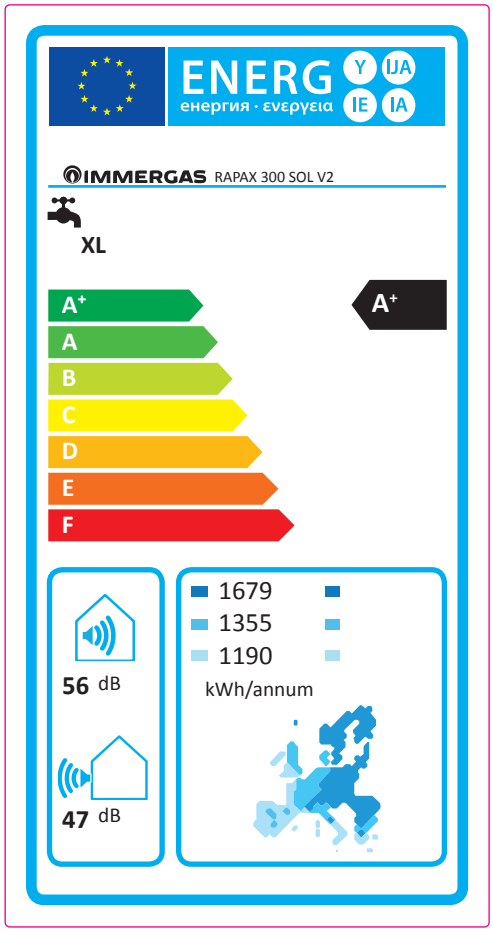
**Rapax 300 V2**




| Parameter | value |
|---|---|
| Energy efficiency in normal climate conditions | 127 % |
| Energy efficiency in colder climate conditions | 103 % |
| Energy efficiency in warmer climate conditions | 152 % |
| Annual energy consumption in average climate conditions | 1318 kW/h |
| Annual energy consumption in colder climate conditions | 1613 kW/h |
| Annual energy consumption in warmer climate conditions | 1102 kW/h |
| Thermostat temperature | 54 °C |
| Daily electrical power consumption | 6,170 kW/h |
| V40 | 341 L |

For proper installation of the appliance refer to chapter 1 of this booklet (for the installer) and current installation regulations. For proper maintenance refer to chapter 5 of this booklet (for the maintenance technician) and adhere to the frequencies and methods set out herein.

**Rapax 300 Sol V2**




| Parameter | value |
|---|---|
| Energy efficiency in normal climate | 124 % |
| Energy efficiency in colder conditions | 100 % |
| Energy efficiency in warmer weather | 141 % |
| Annual energy consumption in average climatic conditions | 1355 kW/h |
| Annual energy consumption in colder weather | 1679 kW/h |
| Annual energy consumption in warmer weather | 1190 kW/h |
| Thermostat temperature | 54 °C |
| Daily electrical power consumption | 7,160 kW/h |
| V40 | 333 L |

For proper installation of the appliance refer to chapter 1 of this booklet (for the installer) and current installation regulations. For proper maintenance refer to chapter 5 of this booklet (for the maintenance technician) and adhere to the frequencies and methods set out herein.

## 7 PARAMETERS FOR FILLING THE FORM OF THE WHOLE SYSTEM.

Should you wish to install a unit, starting from the heat pump boiler Rapax V2 or Rapax 300 Sol V2, use the diagram shown on fig. 7-3.
To fill it in correctly, enter the figures shown in table Fig. 7-2 (as shown in the package fiche facsimile Fig. 7-1) .

The remaining values must be obtained from the technical data sheets of the products used to make up the assembly (e.g. solar devices, integration heat pumps, temperature controllers).
Use sheet fig. 7-3 for "assemblies" related to the domestic hot water function (e.g.: boiler + solar thermal system).

**Facsimile for filling in domestic hot water production system package fiche.**

Water heating energy efficiency of combination heater

(1) 'I' %

Declared load profile: ☐

Solar contribution

From fiche of solar device

Auxiliary electricity

( 1,1 x 'I' - 10 % ) x 'II' - 'III' - 'I' =

(2) + ☐ %

Water heating energy efficiency of package under average climate

(3) ☐ %

Water heating energy efficiency class of package under average climate

| | G | F | E | D | C | B | A | A+ | A++ | A+++ |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ M | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 33 % | ≥ 36 % | ≥ 39 % | ≥ 65 % | ≥ 100 % | ≥ 130 % | ≥ 163 % |
| ☐ L | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 34 % | ≥ 37 % | ≥ 50 % | ≥ 75 % | ≥ 115 % | ≥ 150 % | ≥ 188 % |
| ☐ XL | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 35 % | ≥ 38 % | ≥ 55 % | ≥ 80 % | ≥ 123 % | ≥ 160 % | ≥ 200 % |
| ☐ XXL | < 28 % | ≥ 28 % | ≥ 32 % | ≥ 36 % | ≥ 40 % | ≥ 60 % | ≥ 85 % | ≥ 131 % | ≥ 170 % | ≥ 213 % |

Water heating energy efficiency under colder and warmer climate conditions

Colder: (3) ☐ - 0.2 x (2) ☐ = ☐ %

Warmer: (3) ☐ + 0.4 x (2) ☐ = ☐ %

*The energy efficiency of the package of products provided far 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.*

*7-1*

**Parameters for filling in DHW package assembly chart.**

| Parameter | Rapax 300 V2 | Rapax 300 Sol V2 |
|---|---|---|
| 'I' | 112 | 111 |
| 'II' | * | * |
| 'III' | * | * |

* *to be determined according to Regulation 812/2013 and transient calculation methods as per Notice of the European Community no. 207/2014.*

*7-2*

**Domestic hot water production system package fiche.**

Water heating energy efficiency of combination heater ① ___ %

Declared load profile: ☐

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Solar contribution

From fiche of solar device

Auxiliary electricity

( 1,1 x ___ - 10 % ) x ___ - ___ ☐ - ___ = ② + ☐ %

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Water heating energy efficiency of package under average climate ③ ☐ %

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Water heating energy efficiency class of package under average climate

| | G | F | E | D | C | B | A | A+ | A++ | A+++ |
|---|---|---|---|---|---|---|---|---|---|---|
| ☐ M | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 33 % | ≥ 36 % | ≥ 39 % | ≥ 65 % | ≥ 100 % | ≥ 130 % | ≥ 163 % |
| ☐ L | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 34 % | ≥ 37 % | ≥ 50 % | ≥ 75 % | ≥ 115 % | ≥ 150 % | ≥ 188 % |
| ☐ XL | < 27 % | ≥ 27 % | ≥ 30 % | ≥ 35 % | ≥ 38 % | ≥ 55 % | ≥ 80 % | ≥ 123 % | ≥ 160 % | ≥ 200 % |
| ☐ XXL | < 28 % | ≥ 28 % | ≥ 32 % | ≥ 36 % | ≥ 40 % | ≥ 60 % | ≥ 85 % | ≥ 131 % | ≥ 170 % | ≥ 213 % |

Water heating energy efficiency under colder and warmer climate conditions

Colder: ③ ☐ - 0.2 x ② ☐ = ☐ %

Warmer: ③ ☐ + 0.4 x ② ☐ = ☐ %

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*The energy efficiency of the package of products provided far 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.*

*7-3*