

PRODUCT FICHE

ESPRIT 2 COMBI BOILER WITH OPENTHERM WIRED ROOM THERMOSTAT

Ideal Boilers

ERP DATA

	SYMBOL	UNITS	MODEL		
			24	30	35
Condensing boiler			Yes		
Seasonal Space heating efficiency class			A		
Rated heat output		kW	24		
Seasonal space heating energy efficiency	η_s	%	94*		
Annual energy consumption	Q_{HE}	GJ	75		
Sound power level, indoors	L_{WA}	dB	46	46	41
Water heating energy efficiency class			A		

Seasonal Space Heating Energy Efficiency of the Boiler								94 ^{*/%}	A
Temperature control (from fiche of temperature control)								3 %	B
<i>Class I</i>	<i>Class II</i>	<i>Class III</i>	<i>Class IV</i>	<i>Class V</i>	<i>Class VI</i>	<i>Class VII</i>	<i>Class VIII</i>		
1%	2%	1.5%	2%	3%	4%	3.5%	5%		

Solar Contribution (from fiche of solar device)

Collector Size
(in m²)

Tank Volume
(in m³)

Collector Efficiency
(in %)

Tank rating
A* = 0.95
A = 0.91
B = 0.86
C = 0.83
D-G = 0.81

= ('III' x + 'IV' x) x 0.9 x (/ 100 x) = **0** % **C**

Seasonal Space Heating Energy Efficiency of Package

TOTAL: A+B+C=

97 %

Seasonal Space Heating Energy Efficiency Class of Package

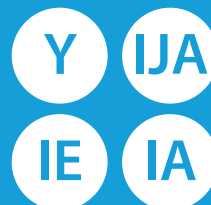
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G	F	E	D	C	B	A	A+	A++	A+++
< 30%	≥ 30%	≥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

The energy efficiency of the package of products provided for in this document 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 products in relation to the building size and its characteristics



ENERG

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Ideal

Esprit 2 Combi With OpenTherm Wired Thermostat

Energy label for heating system showing a boiler icon, a radiator icon, and a tap icon. Both the boiler and radiator icons have an arrow pointing to the letter 'A'.

Energy scale for heating system with a radiator icon at the top. The scale consists of horizontal bars of increasing length from A+++ (shortest, green) to G (longest, red). A black arrow points to the 'A' bar.

Feature selection icons with plus signs and checkboxes:

- Solar panel icon:
- Water tank icon:
- Touchscreen icon:
- Boiler icon:

Energy scale for hot water system with a tap icon at the top. The scale consists of horizontal bars of increasing length from A+++ (shortest, green) to G (longest, red). A black arrow points to the 'A' bar.