

PRODUCT FICHE

LOGIC ESP1 COMBINATION BOILER

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	48	46	44
Water heating energy efficiency class			A		

Seasonal Space Heating Energy Efficiency of the Boiler

*%

A

Temperature control (from fiche of temperature control)

%

B

Class I	Class II	Class III	Class IV	Class V	Class VI	Class VII	Class VIII
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

$$= ('III' \times \boxed{} + 'IV' \times \boxed{}) \times 0.9 \times (\boxed{} / 100 \times \boxed{}) =$$

%

C

Seasonal Space Heating Energy Efficiency of Package

TOTAL: A+B+C=

%

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 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