

PRODUCT FICHE

KESTON SYSTEM BOILER

Ideal Boilers

ERP DATA

	SYMBOL	UNITS	MODEL
			30
Condensing boiler			Yes
Seasonal Space heating efficiency class			A
Rated heat output		kW	30
Seasonal space heating energy efficiency	η_{son}	%	93*
Annual energy consumption	Q_{HE}	GJ	93.0
Sound power level, indoors	L_{WA}	dB	45

Seasonal Space Heating Energy Efficiency of the Boiler								*% A
Temperature control (from fiche of temperature control)								% 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) = % **C**

Seasonal Space Heating Energy Efficiency of Package **TOTAL: A+B+C=** % **C**

Seasonal Space Heating Energy Efficiency Class of Package

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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