

PRODUCT FICHE

LOGIC HEAT H IE BOILER
 Ideal Boilers
ERP DATA

	SYMBOL	UNITS	MODEL					
			12	15	18	24	30	
Condensing boiler								
Seasonal Space heating efficiency class								
Rated heat output		kW	12	15	18	24	30	
Seasonal space heating energy efficiency	η_s	%	93	93*	93*	94*	93*	
Annual energy consumption	Q_{HE}	GJ	38	47	56	75	93	
Sound power level, indoors	L_{WA}	dB	36	38	41	47	49	

Seasonal Space Heating Energy Efficiency of the Boiler								*%	A
Temperature control (from fiche of temperature control)								%	
<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>		B
1%	2%	1.5%	2%	3%	4%	3.5%	5%		

Solar Contribution (from fiche of solar device)

Collector Size (in m ²)	Tank Volume (in m ³)	Collector Efficiency (in %)	Tank rating A* = 0.95 A = 0.91 B = 0.86 C = 0.83 D-G = 0.81	
= ('III' x <input style="width: 50px;" type="text"/> + 'IV' x <input style="width: 50px;" type="text"/>) x 0.9 x (<input style="width: 50px;" type="text"/> / 100 x <input style="width: 50px;" type="text"/> =				% C

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

Seasonal Space Heating Energy Efficiency Class of Package

<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" type="checkbox"/>	<input style="width: 30px; height: 30px;" 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