

PRODUCT FICHE

LOGIC + HEAT H BOILER

Ideal Boilers

ERP DATA

	SYMBOL	UNITS	MODEL					
			12	15	18	24	30	
Condensing boiler				Yes				
Seasonal Space heating efficiency class				A				
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)	%																	
<table border="1" style="width: 100%; text-align: center;"> <tr> <td><i>Class I</i></td> <td><i>Class II</i></td> <td><i>Class III</i></td> <td><i>Class IV</i></td> <td><i>Class V</i></td> <td><i>Class VI</i></td> <td><i>Class VII</i></td> <td><i>Class VIII</i></td> </tr> <tr> <td>1%</td> <td>2%</td> <td>1.5%</td> <td>2%</td> <td>3%</td> <td>4%</td> <td>3.5%</td> <td>5%</td> </tr> </table>	<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%		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 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	
$= ('III' \times \boxed{} + 'IV' \times \boxed{}) \times 0.9 \times (\boxed{} / 100 \times \boxed{} =$				% C

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

Seasonal Space Heating Energy Efficiency Class of Package

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