

# PRODUCT FICHE

## EVOMAX HEAT BOILER

Ideal Boilers

### ERP DATA

	SYMBOL	UNITS	MODEL					
			30	30P	40	40P	60	60P
Condensing boiler			Yes					
Seasonal Space heating efficiency class			A					
Rated heat output		kW	30	30	40	40	60	60
Seasonal space heating energy efficiency	$\eta_{son}$	%	93*	93*	93*	93*	93*	93*
Annual energy consumption	$Q_{HE}$	GJ	92.9	91.9	123.9	122.6	185.8	181.9
Sound power level, indoors	$L_{WA}$	dB	53	53	53	53	52	52

<b>Seasonal Space Heating Energy Efficiency of the Boiler</b>	*% <b>A</b>																
<b>Temperature control (from fiche of temperature control)</b>	% <b>B</b>																
<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%	
<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)

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Collector Size (in m<sup>2</sup>)</div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Tank Volume (in m<sup>3</sup>)</div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Collector Efficiency (in %)</div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Tank rating A* = 0.95 A = 0.91 B = 0.86 C = 0.83 D-G = 0.81</div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div>	<div style="border: 2px solid black; padding: 5px; width: 100%; height: 20px; margin-bottom: 5px;"></div> <b>C</b>
$= ('III' \times \text{[ ]} + 'IV' \times \text{[ ]}) \times 0.9 \times (\text{[ ]} / 100 \times \text{[ ]}) =$				

<b>Seasonal Space Heating Energy Efficiency of Package</b>	<b>TOTAL: A+B+C=</b> <div style="border: 2px solid black; padding: 5px; width: 100%; height: 20px;"></div> %
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### Seasonal Space Heating Energy Efficiency Class of Package

<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></div>
<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>G</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>F</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>E</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>D</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>C</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>B</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>A</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>A+</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>A++</b></div>	<div style="border: 2px solid black; padding: 5px; width: 30px; height: 20px; display: inline-block; text-align: center;"><b>A+++</b></div>
< 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