EVOMAX HEAT BOILER
Ideal Boilers
ERP DATA

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>UNITS</th>
<th>MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Condensing boiler</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Seasonal Space heating efficiency class</td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Rated heat output</td>
<td>kW</td>
<td>30</td>
</tr>
<tr>
<td>Seasonal space heating energy efficiency</td>
<td>( \eta_s )</td>
<td>%</td>
</tr>
<tr>
<td>Annual energy consumption</td>
<td>Q_{HE}</td>
<td>GJ</td>
</tr>
<tr>
<td>Sound power level, indoors</td>
<td>L_{WA}</td>
<td>dB</td>
</tr>
</tbody>
</table>

Seasonal Space Heating Energy Efficiency of the Boiler

Temperature control (from fiche of temperature control)

<table>
<thead>
<tr>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Class IV</th>
<th>Class V</th>
<th>Class VI</th>
<th>Class VII</th>
<th>Class VIII</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

Solar Contribution (from fiche of solar device)

Collector Size (in m²)

Tank Volume (in m³)

Collector Efficiency (in %)

Tank rating

\( A^* = 0.95 \)
\( A = 0.91 \)
\( B = 0.86 \)
\( C = 0.83 \)
\( D-G = 0.81 \)

\[ = \left( \text{III} \times \text{Collector Size} \right) + \left( \text{IV} \times \text{Tank Volume} \right) \times 0.9 \times \left( \text{Collector Efficiency} \right) / 100 \times \left( \text{Tank rating} \right) = \% \]

Seasonal Space Heating Energy Efficiency of Package

TOTAL: \( A+B+C= \% \)

Seasonal Space Heating Energy Efficiency Class of Package

\( G \)
\( < 30\% \)
\( F \)
\( \geq 30\% \)
\( E \)
\( \geq 34\% \)
\( D \)
\( \geq 36\% \)
\( C \)
\( \geq 75\% \)
\( B \)
\( \geq 82\% \)
\( A \)
\( \geq 90\% \)
\( A+ \)
\( \geq 98\% \)
\( A++ \)
\( \geq 125\% \)
\( A+++ \)
\( \geq 150\% \)

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.

EVOMAX - Installation & Servicing