# Product Specification

## Domestic Range

### Rapid Combi 25 Vertical

#### Descriptive Specification

- Just 12 components, including 4 moving parts, means less maintenance, lower service costs and greater reliability
- Flow rates up to 13.2 litres per minute at 35°C rise
- Saves money on energy bills as it condenses 100% of the time in both

<table>
<thead>
<tr>
<th>Output</th>
<th>Type</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Rapid Combi</td>
<td>Vertical</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature output</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Safety class</td>
<td>IP</td>
<td></td>
</tr>
<tr>
<td>NoX level</td>
<td></td>
<td>&lt;60</td>
</tr>
<tr>
<td>Domestic Hot Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input (lower value)</td>
<td>kW</td>
<td>7.1 - 28.0</td>
</tr>
<tr>
<td>DHW threshold</td>
<td>l/min</td>
<td>2</td>
</tr>
<tr>
<td>ΔT 25 °C</td>
<td>l/min</td>
<td>15</td>
</tr>
<tr>
<td>ΔT 35 °C</td>
<td>l/min</td>
<td>11.2</td>
</tr>
<tr>
<td>DHW temperature</td>
<td>°C</td>
<td>55</td>
</tr>
<tr>
<td>Max. DHW water pressure</td>
<td>bar</td>
<td>8</td>
</tr>
<tr>
<td>Min. DHW water pr. inet (boiler)</td>
<td>bar</td>
<td>0.2</td>
</tr>
<tr>
<td>Central Heating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nom. input rating</td>
<td>kW</td>
<td>7.1 - 23.7</td>
</tr>
<tr>
<td>Rated power</td>
<td>kW</td>
<td>7.7 - 23.1</td>
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<tr>
<td>Max. CH water pressure</td>
<td>bar</td>
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<tr>
<td>Mix. CH water temperature</td>
<td>°C</td>
<td>90</td>
</tr>
<tr>
<td>SEDBUK rating</td>
<td>%</td>
<td>90.2</td>
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<tr>
<td>Flues</td>
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</tr>
<tr>
<td>Max horizontal</td>
<td>m</td>
<td>13</td>
</tr>
<tr>
<td>Max vertical</td>
<td>m</td>
<td>13</td>
</tr>
<tr>
<td>Standard flue dia</td>
<td>mm</td>
<td>60/100</td>
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<tr>
<td>Installation</td>
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<tr>
<td>Mains cold water in</td>
<td>mm</td>
<td>15</td>
</tr>
<tr>
<td>Domestic hot water</td>
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<td>15</td>
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<tr>
<td>outlet</td>
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<tr>
<td>Gas connection</td>
<td>mm</td>
<td>15</td>
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<tr>
<td>Pressure relief valve</td>
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<td>15</td>
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<tr>
<td>Heating flow and return connections</td>
<td>mm</td>
<td>22</td>
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<tr>
<td>Condensate drain (flexible)</td>
<td>mm</td>
<td>25</td>
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<tr>
<td>Solar compatible</td>
<td>yes</td>
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</tbody>
</table>

### Seasonal space heating en. eff. class
- A

### Heat rated outp. (power) (Prated)
- 25 kW

### Seasonal space heating en. eff. (ηS)
- 93%

### Annual energy consumption (QHE)
- 75 GJ

### Sound power level (LWA)
- 50 dB

### Maximum load profile
- XL

### Water heating energy efficiency class
- A

### Water heating energy efficiency (ηWH)
- 87%

### Annual electricity consumption (AEC)
- 20 kWh

### Annual fuel consumption (AFC)
- 4965 kWh

### Dimensions

<table>
<thead>
<tr>
<th>Height (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>810</td>
<td>450</td>
<td>270</td>
</tr>
</tbody>
</table>