**Product Specification**

**Domestic Range**

12kW Samsung Heat Pump

<table>
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<tr>
<th>Capacity</th>
<th>Type</th>
<th>Model</th>
<th>Installation</th>
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</thead>
<tbody>
<tr>
<td>12kW</td>
<td>Air to Water</td>
<td>Samsung</td>
<td>Floor Standing</td>
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**Descriptive Specification**

- Floor standing Samsung Air to Water Heat Pump.
- Compact outdoor unit with low noise levels – unobtrusive solutions for domestic applications.
- Hybrid capability - can be used in conjunction with solar and/or boiler installations.
- Comes with sophisticated EHS Controller designed to maximise use of renewable energy and minimise running costs.

**Constructive Specifications**

- **Power Supply (V)**: 220-240
- **Nominal Capacity (W)**: 12,000
- **Start-up Current (A)**: 2.9
- **Continuous Current (A)**: 11.7
- **Start-up Time (mins)**: 15
- **SCOP**: 4.454
- **Max Current (A)**: 28
- **Weight (kg)**: 108
- **Primary Pipework**: 28mm
- **Sound Pressure**: 50
- **Sound Power**: 64
- **Operating Range (°C)**: 25 ~ 55
- **Cable Size (mm)**: 6.0
- **Breaker Size (Amp)**: 25
- **ESB Connection**: 12kVA
- **Product Code**: AE120JXYD*H/EU
- **Energy Efficiency Class**: A++
- **Control Kit**: HHSMC – 500000

**Dimensions**

- **Height (mm)**: 940
- **Width (mm)**: 1420
- **Breadth (mm)**: 330
- **Water Pipe (Out)**: (1)
- **Water Pipe (In)**: (2)
- **Wiring Conduits**: (3)