

# PRODUCT DETAILS



<b>Product Name</b>	Süka Heaters	
<b>Description</b>	Electric radiant (75%) cum convection (25%) heaters with modulating storage systems using only 15 minutes of electricity for up to 60 minutes of ambient warmth; and regulated by specially designed thermostatic controllers which are available for individual heaters or for central home control. Each heater has micro chips fitted between heating plates to control the number of plates that should take power at any point in time for a specific temperature.	
<b>Manufacturer &amp; Registered Address</b>	Süka Elektroheizgeräte GmbH Martinstraße 94, D-86179 Augsburg, GERMANY	
<b>Contact Name &amp; No</b>	Mr. Matthias Fischer, <b>+49 (0) 821 814012</b>	
<b>Distributor &amp; Registered Address</b>	Suka Heating and Control Systems Limited, T/A: Süka Electro Heating Systems 16 Pear Tree Avenue, Long Ashton, Bristol, BS41 9FF	
<b>Contact Name &amp; No</b>	Mr. Abdul Raaj, 01275339046, 01179114017, 08005200 333, 07894464796	
<b>Applicable Standards e.g. BSI, BBA Cert' etc</b>	VDE / DIN / EN / IEC / BSI (Please ask for report if required. It is 80 pages) Results of energy-efficiency test conducted by BSRIA for BRE and others.	
<b>Previous Compliance Testing Results (Ref above)</b>	CE, GS, DVE, BS/DIN EN 60335-1, BS EN 60335-2-30	
<b>Product Benefits in relation to the Warm Front Scheme</b>	Through their low energy rating and high thermal capacity, Süka's thermostatically controlled heaters assist homeowners and tenants to more efficiently heat their homes, thus reducing heating bills, alleviating fuel poverty as well as cutting carbon emissions.	
<b>Field Trial Information and Results</b>	<ul style="list-style-type: none"> <li>• Test conducted by the VDE in Germany under harsher conditions in conformity with IEC standards.(please see enclosed report from VDE)</li> <li>• Test conducted by BSRIA in simulated climatic conditions.</li> </ul>	
<b>Associated Products/Skills required for installation</b>	<ul style="list-style-type: none"> <li>• No associated products required.</li> <li>• Electrical Installation qualification (eg. EIC, NIC, ELECSA, ECA etc) is required to install Süka heaters</li> </ul>	
<b>Other Products available</b>	<ul style="list-style-type: none"> <li>• Towel rails</li> <li>• Efficient hotwater tanks</li> <li>• Solar thermal</li> <li>• Solar PV systems</li> </ul>	<ul style="list-style-type: none"> <li>• Helping Developers and Housing Associations achieve higher Code Levels</li> <li>• Helping home owners achieve higher EPC ratings</li> </ul>

<p><b>Energy Saving</b></p>	<p>Süka heaters cut CO<sub>2</sub> emissions in two ways; they use less energy because of their efficiency, and they produce no CO<sub>2</sub> at the point of use. The heating element is fully embedded within the ceramic plate known as chamotte. There is no direct exposure to the surface atmosphere, so less oxygen is burnt (if any at all). The heater provides warmth without causing carbon dioxide or toxin emissions. The radiators are truly eco-friendly systems.</p> <p>The following are the main highlights of recent test results as they relate to CO<sub>2</sub> emission:</p> <ol style="list-style-type: none"> <li>1. Suka heaters' energy ratings are low (please see page 8 of the VDE Report) and thus they consume relatively less energy and help in energy conservation by so doing.</li> <li>2. They emit no hazardous gases.       <ol style="list-style-type: none"> <li>a. Please see page 23 number 19.13 which states that <i>"During tests appliance does not emit flames, molten metal, poisonous or ignitable gas in hazardous amounts"</i>.</li> <li>b. Also see page 26 number 20.2 which states that <i>"Self-resetting thermal cut-outs and overcurrent protective devices not causing a hazard, by unexpected reclosure"</i></li> <li>c. See again page 28 number 22.14 which states that <i>"No ragged or sharp edges creating a hazard for user in normal use, or during user maintenance"</i></li> <li>d. See again page 42 number 26.5 which states that <i>"Terminals for type X attachment so located or shielded that if a wire of a stranded conductor escapes, no risk of accidental connection to other parts that result in a hazard"</i></li> <li>e. Also on page 50 under the heading <b>"32 RADIATION, TOXICITY AND SIMILAR HAZARDS"</b>, see <i>"Appliance not emit harmful radiation, present a toxic or similar hazard due to their operation in normal use (IEC/EN 60335-1/A2)"</i></li> </ol> </li> </ol>