

Technical Data Sheet

Product code:	RHP-220-060-030
Panel Size:	95cm x 55cm x 0.08cm. Note the panel is designed with 'cool' edges. The active heating area of the panel is 90cm x 50cm.
Insulation Material:	Micanite
Handling Requirements:	Handle with care - do not pierce or bend. If a panel has been damaged in transit it must be treated as scrap, and must not be connected to an electrical circuit.
Applications:	To be installed onto walls, inside partition walling, underfloor, or ceiling mounted as part of an unobtrusive heating system. Alternatively for use as an element in panel heater assemblies.
Connection method:	Cable is soldered directly to panel terminations, and connections are insulated with an appropriate insulating material.
Operating Voltage:	220V - 240V ac 50 Hz
Typical Current:	1.4A ± 0.1A
Typical Resistance:	145Ω - 185Ω
Power dissipation:	300W - 350W – the heater element is purely resistive, and operates at unity power factor.
Surface Temperature:	50°C ± 5°C at an ambient temperature of 20°C mounted on 12mm gypsum-based plasterboard.
Installation requirements:	Panel must only be installed by a competent person and in accordance with current local regulations and manufacturer's instructions.
External controls required:	While it is possible to run the product directly from a mains socket, in order to maximise efficiency, we advise the installation of a thermostat to control the operation of the product. Panels should be individually protected by a 3A fuse or similar. A Residual Current Device, with a rated residual operating current ($I_{\Delta n}$) of 30mA, should form part of the installation.
Approvals:	The product meets the requirements for and has gained CE approval. Approved to international standards IEC60335-2-30:96 + A1:99, used in conjunction with IEC60335-1:91 + A1:94 + A2:99.