

# TECHNICAL SPECIFICATION

## Infra-red Heater

Stork Cooperheat's electrical Infra-red Heater is an economical and highly efficient infra red, radiant heater that provides a radiant heat source for pre-heating metal fabrications. The heater is ideal for preheat of large welded constructions including steam drums, vessels and rotating equipment and are an alternative to our range of Infra-red Gas Surface Combustion Units (SCUs).

Specifically designed to replace the costly and heavy induction equipment including SCU's required to deliver preheats on vessels and large constructions, the Infra-red Heater has an exceptionally fast "heat up" time and is lightweight in comparison to induction alternatives.

Infra-red panels can be mounted on internal or external support rigs or on separate stands as single units. As single units the heater can be strategically positioned during the rotating operation necessary for welding circumferential seams of large heavy walled pressure vessels.

The Infra-red Heater is rugged, lightweight and comprises of a stainless steel container tray, a layer of silica fibre insulation and a shallow concave strip element manufactured in high temperature Kanthal.



### Technical Information:

- The heater achieves preheating temperatures of up to 350 °C
- Rated at 60V, 180A, 10.8 kW
- The panels can be used in vertical or horizontal positions
- Our 70 kVA Heat Treatment Modules can supply and control up to six Infra-red heaters (one heater per output channel)

Stock No.	Item	Voltage	Current	Power
27980	Infra-Red Preheater 790 x 370 x 170	60V	180A	10.8kW
27981	Infra-Red Preheater 670 x 290 x 170	30V	180A	5.4kW
27982	Infra-Red Preheater 1065 x 370 x 170	80V	180A	14.4kW
6261	Adjustable Stand			

