

# TECHNICAL SPECIFICATION

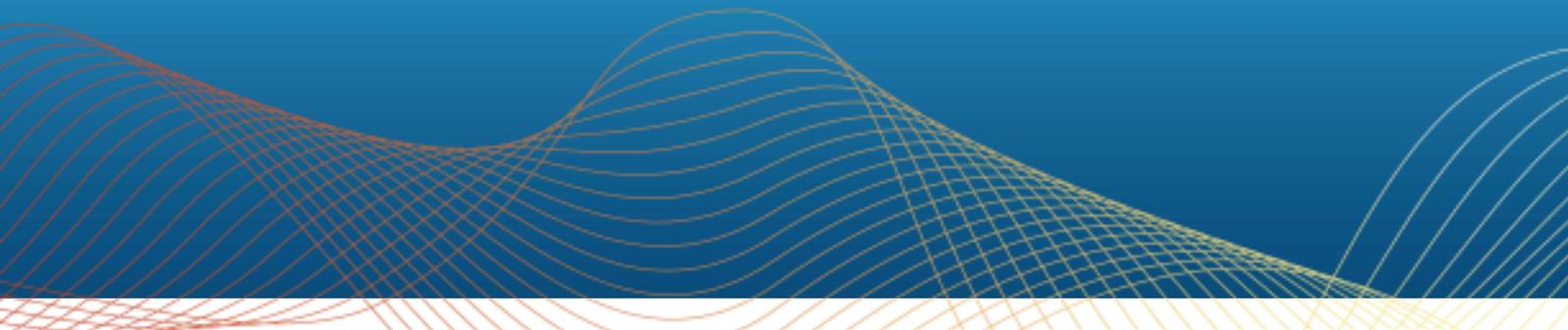
## Cooper-K9 Series of 9kVA mobile heat treatment units

Stork Cooperheat's Cooper-K9 was developed in response to the demand within the heat treatment industry for an easily and quickly mobilised, compact heat treatment unit, which could be used for small heat treatment jobs. This 69 kg, two piece, 9kVA, unit allows for these small heat treatment jobs to be done in a more cost effective way than using a large standard, 350 kg, 50 kVA or 70 kVA units.

The Cooper -K9's, modular construction allows for loading and offloading from a pick up vehicle, small van or even, in some cases, a car, by two people, without the need for heavy lifting equipment such as a powered fork lift truck or crane.

The K9's popularity has led to requests for a variety of additional construction features to meet customers' specific requirements. In order to meet these requirements we have developed an additional nine adaptations of the standard Cooper-K9, which together now, form a family of Cooper-K9's.

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| <b>K9</b><br><b>(Stock Ref:16200)</b>   | <b>K9.1</b><br><b>(Stock Ref:16201)</b> |   <p>The original Cooper K9 which is a 9kVA, two part, two person lift unit having the facility to power and control three 60V, 2.7 kW heating elements either in combination with each other or to control three separate heat treatments</p> <p>Alternatively, the K9.1 is of similar construction to the K9 unit except that this unit has the facility to power and control six 30V, 1.35 kW heating elements which are ideal suited for small diameter pipe welds either in combination with each other or to control six separate heat treatments.</p> <p>Both units are supplied with an inbuilt 6 point temperature chart recorder.</p> |
| <b>K9.2</b><br><b>(Stock Ref:16202)</b> | <b>K9.3</b><br><b>(Stock Ref:16203)</b> |   <p>Where customer already have their own temperature recorders and therefore prefer to reduce costs by utilizing their own recorder we supply similar units to the K9 and K9.1 as above but without the inbuilt recorder.</p> <p>These two units the K9.2 and K9.3 do though have thermocouple output sockets which can be connected to an external temperature recorder.</p>   |



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| <b>K9-OPL</b><br>(Stock Ref:16230)  | <b>K9-OPL.1</b><br>(Stock Ref:16231)  |   |
|    |    | <p>The OPL (One Person Lift) series of K9s were developed in order that the power source /contactor unit ,constructed in three separate 3kVA stackable modules, have a maximum weight of 20kg per module.</p>   |
| <b>K9-OPL.2</b><br>(Stock Ref:16232)  | <b>K9-OPL.3</b><br>(Stock Ref:16233)  | <p>The units are simple to stack and then easily transported at site by means of a pull out (trolley suitcase type) handle. The 20kg modules are within the capacity for one person to load and in many countries is also within the limits that allow it to be loaded onto a helicopter where required to be used offshore.</p>                                |
|  |  | <p>The OPL series is also available in the 3 channel (60V heater) or 6 channel (30V heater) formats and as with the two person lift series are available with or without in built recorder.</p>   |
| <b>K9-C8</b><br>(Stock Ref:16240)   | <b>K9-C8-OPL</b><br>(Stock Ref:16241)   |   |
|  |  | <p>Completing the family of Cooper-K9 units. We have developed a one and two person lift unit which contains our local / remote, control/monitoring, Cooper8 programmer/recorder. These units can be used to power and control either 3 channels (60V heaters) or 6 channels (30V heaters)</p> <p>(see separate data sheet on the Cooper8 for more details)</p> |

