



AIR HANDLING UNITS WITH ELECTRIC HEATER

A Guide to adjusting Electric Heater Output Installation Guide

IMPORTANT

Isolate the unit from electrical supply before removing any panels

Each unit is supplied with the maximum heater KW configuration i.e.

18KW	12KW and 6KW
24KW	18KW, 12KW and 6KW
27KW	18KW and 9KW
36KW	27KW, 18KW and 9KW
54KW (and above)	36KW, 27KW, 18KW and 9KW

The heater element outputs can be reduced to:

Method

This work should only be undertaken by a suitably qualified person.

Release the four bolts retaining the heater section side cover and remove the side completely to expose the control and heater element terminals.

Determine the number of heater elements required. Elements can be either 2Kw or 3Kw depending on unit purchased and can be identified by use of the table above and simple calculation and viewing the unit. Further advice on your units element rating can be obtained from Nuair technical support.

- Remove the phase supply strap of each phase and cut (or remove) according to the reduction required
- Ensure that phase balance is maintained by removing an equal number of elements from each phase
- Ensure that phase line wires are re-connected to the correct terminals
- Reinstate in reverse order

After Sales Enquiries

For technical assistance or further product information, including spare parts and replacement components, please contact the After Sales Department.

Telephone 02920 858 400

Figure I. A typical element arrangement and rearrangement is:

