

## Vitosolic 200 Service Information

### Symptom:

Possible "chattering" of Relays (K1, K2, K3, K4 only)

### Reason:

These relays are factory set by KWE to 100%. When the relay starts chattering, it is discovered that the programming is no longer at 100%, but a much smaller value. This causes the voltage output from the Vitosolic to the external relay board to decrease, and therefore less than 12V goes to the coil of the relay, causing it to "chatter". The reason for this change in the programming is currently unknown.

### How to check

(+) = cursor down

(-) = cursor up

(OK) = enter/confirm

Press (+) until you reach the menu labelled "**Operator Code**"

Press (OK) to enter "**Operator Code**"

Press (+) to change the first digit to "**2**", then press (OK). Press (OK) twice to maintain the second and third digits at "**0**".

You will automatically go back to the main menu.

Press (+) to go to the "**Contractor**" menu and press (OK).

Press (+) until the cursor is on "**Relay**" and press (OK)

You will be able to view the following:

### Relay cntrector:

back

Min Speed1 \_\_\_%

Min Speed2 \_\_\_%

To view the last two relay speeds, press (+)

Min Speed3 \_\_\_%

Min Speed4 \_\_\_%

The values should read "**Min Speed\_ 100%**". If this is set to any value other than 100%, the relays may chatter. To reset these values, follow the instructions below:

Move the cursor over "**Min Speed1 \_\_\_%**". Press **(OK)**

The cursor will now be flashing on the "%" sign.

Press (+) until the value changes to 100. (you are not able to exceed 100%)

Press **(OK)**.

The display now shows:

**Security Scan:**

**Save?    Yes**

Press **(OK)**

Repeat this procedure for all four relays.

**\*NOTE:** If you take more than ~8 seconds to make a change or confirm, the control will automatically revert to the "**Relay cntrector**" menu and you will have to repeat the steps.

