

INSTALLATION INSTRUCTIONS

MONITORING UPRIGHT FRIDGES & FREEZERS

These instructions are a guide to installing the DAN system for monitoring free standing fridges and freezers.

1. Cable for connection should be 0.75 sqmm minimum, fig 8 acceptable. Should there be local interference, best to use multi core screened.
2. The DAN DM12 box operates over the mobile phone network and therefor may be located where convenient for connection to the item(s) to be monitored. A standard power outlet is all that is required. In choosing the location, best to minimise cabling to the item(s), and/or negate the need for installation of a power point. Should items to be monitored be close together, it may be best to fix the DAN box immediately on the wall behind.
3. Cable entries made into the DAN box should be glanded. Care should be taken when reconnecting the power pack provided .
4. Inside the DAN box there are mounting brackets which can be attached to the corners of the box. Alternatively the rear of the box may be drilled to facilitate mounting if the installation is indoors.
5. The probes provided are connected to a small box containing the transmitter amplifier. These amplifiers are 'loop powered'.
6. To provide for later movement of the item(s) to be connected, it is suggested the small probe box be mounted on the item, preferably near the or on the top. The probe at the end of the white cable should be located within the storage space – gain access where appropriate.
7. The small box(s) to be connected to a point on the wall with a cable loop which when the item is in its normal position, loops from the small box down close to the floor and then up to the wall connection. This provides for later movement of the item for cleaning.
8. Inside the small box is the transmitter with 2 terminals marked (+) and (-). These should be connected to the DAN box using the 'loop powered' connection format (refer DM12 connection diagram). A maximum of 5 items may be monitored by the DAN DM12 box.
9. The DAN box may be activated by turning on (downwards) the 2 switches located on the lower edge of the main electronic board. The modem LED should commence flashing within 10 seconds.

ANY QUESTIONS DO NOT HESITATE TO CALL DAN AT 1300 DAN DATA