



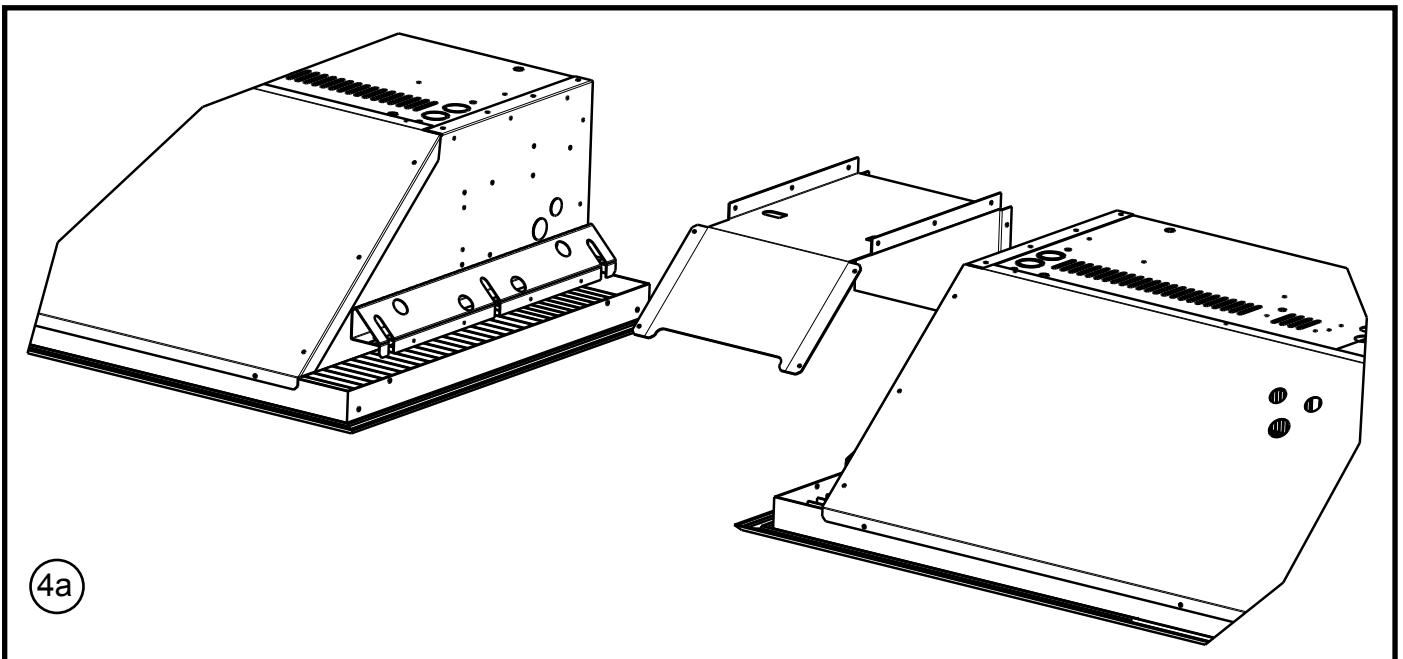
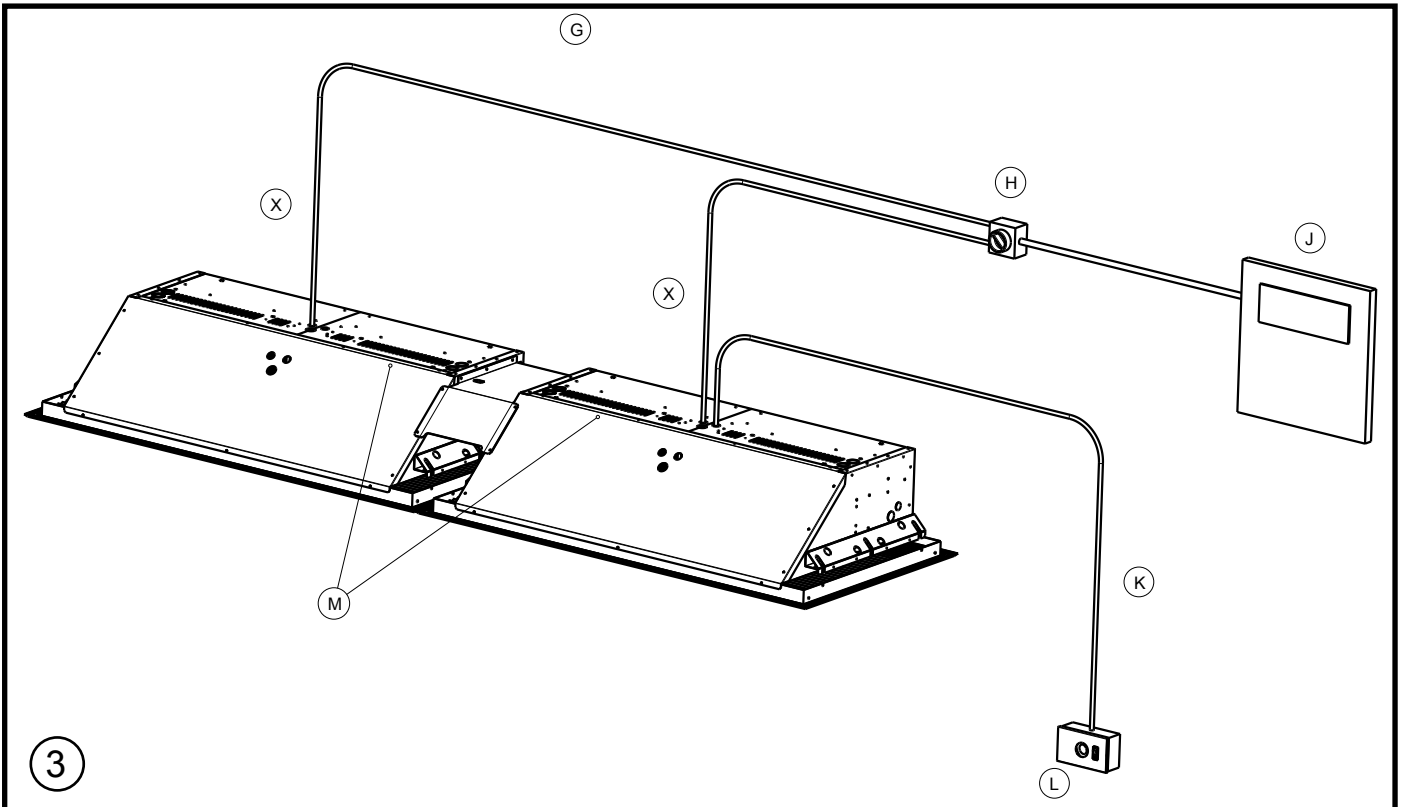
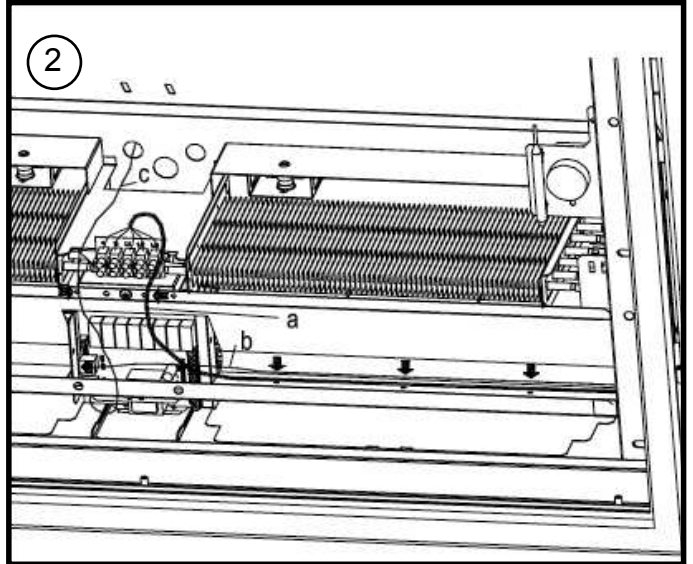
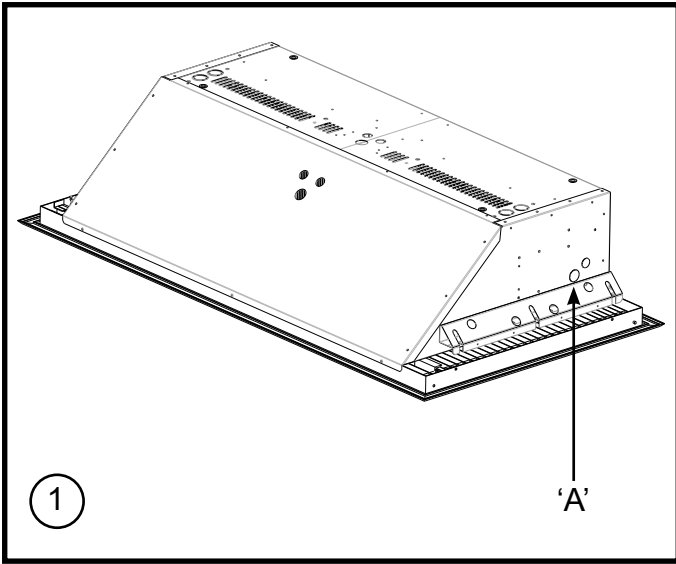
# CABRM1

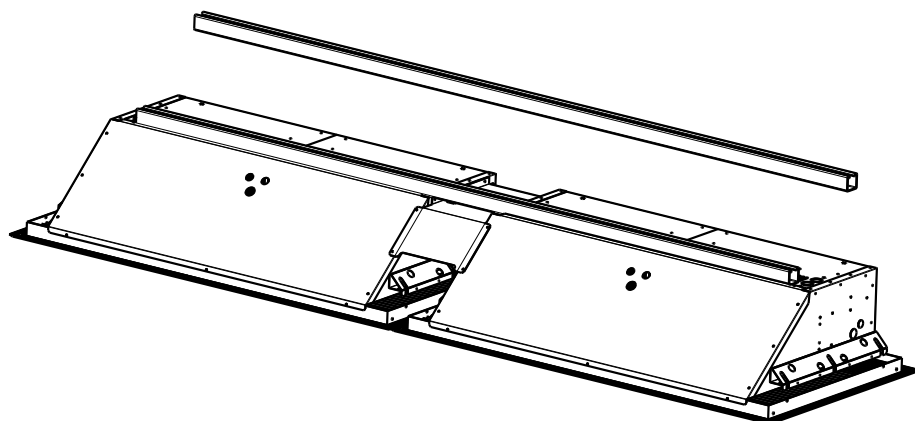
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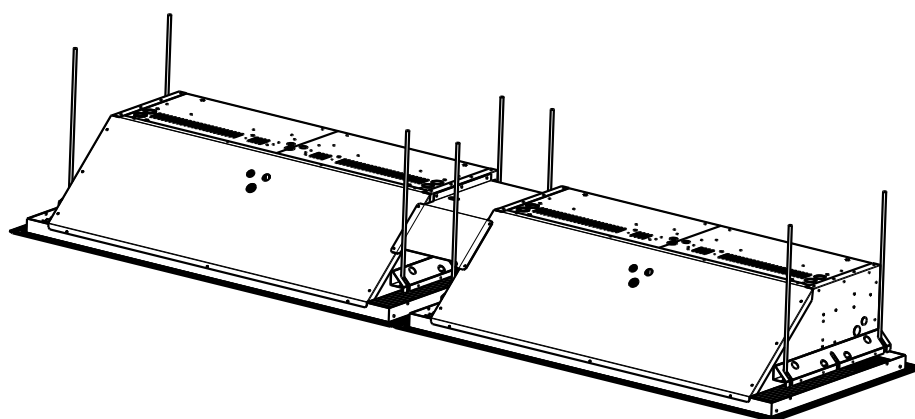


The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3 which cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC

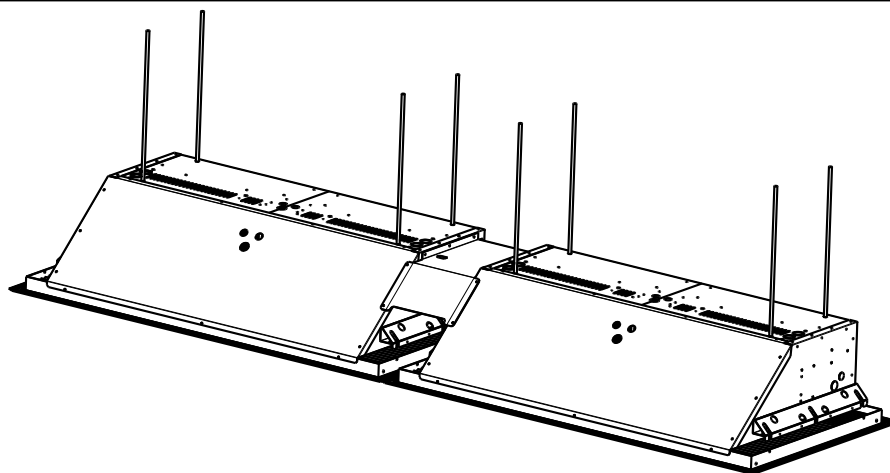




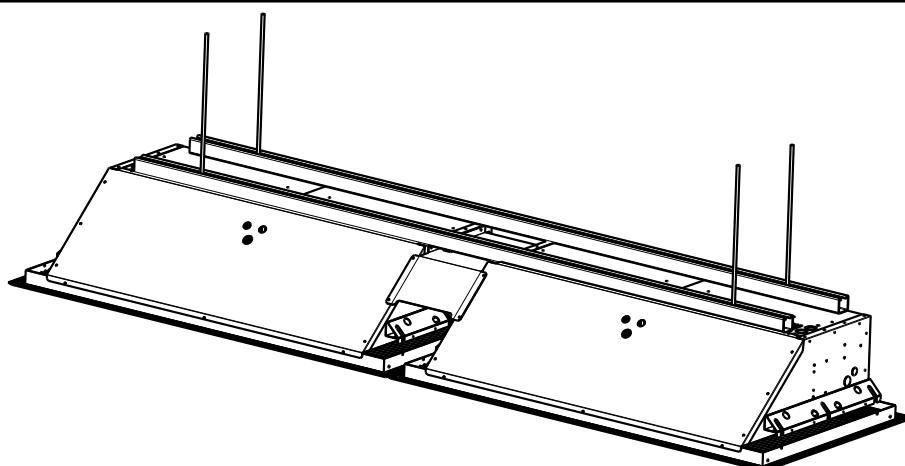
4b



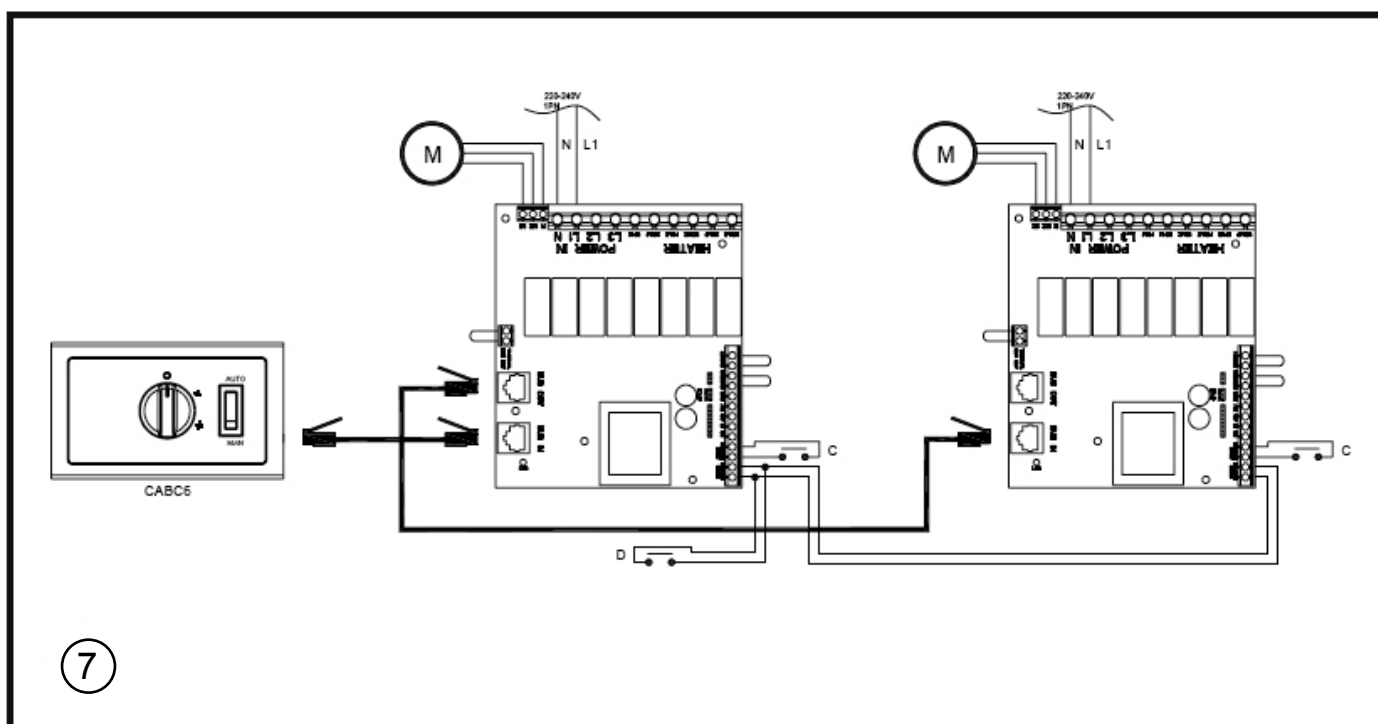
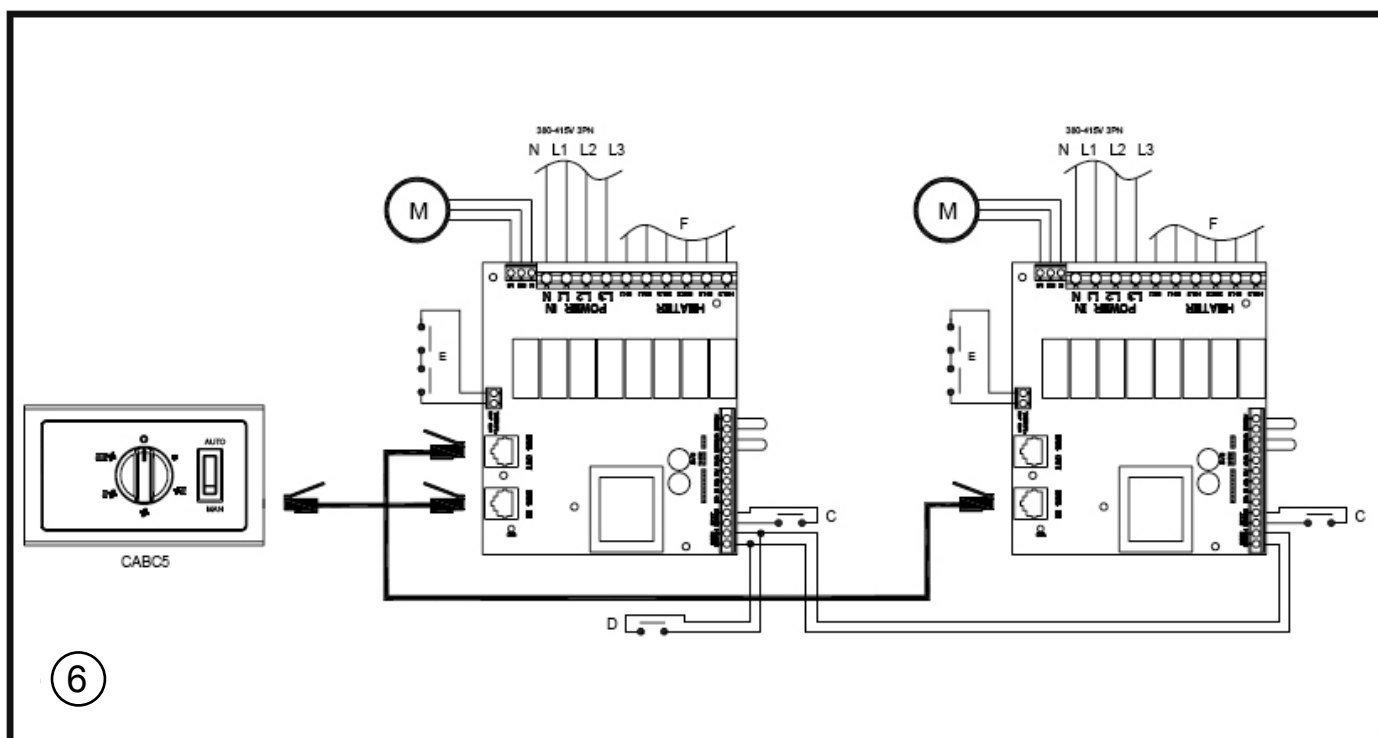
5a



5b



5c





# Installation and Operating Instructions

## Dimplex Air Curtain - Recess Linking Kit

**Model : CABRM1** (suitable for use with CAB & DAB Recess Models)

**IMPORTANT : THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE**

### IMPORTANT SAFETY ADVICE

**DO NOT COVER OR OBSTRUCT the air inlet or outlet grille.**

**ENSURE THE APPLIANCE IS EARTHED.**

**Do not mount the appliance in areas where excessive dust exists.**

**Always disconnect supply before working on the product.**

**This product should be mounted safely to solid wall or ceiling surfaces only.**

**Ensure the supply cables are of adequate current carrying capacity and are protected by a suitable fuse.**

**Ensure proper manual handling procedures are observed at all times.**

**WARNING: Isolate electrical supply to ALL modular linked units when carrying out maintenance.**

**Ensure all wiring is fixed clear of all moving parts and heat sources.**

This kit allows two or more recessed units to be connected or operated as one system.

The instructions for this recess linking kit should be read in conjunction with the 'Dimplex Recessed Air Curtain' Instructions. All 'Safety Advice' to be heeded before installing the appliances, see main appliance instructions.

### Procedure

1. Decide which appliance is to be the master module and which appliances are to be the slaves. (Note: The Master Air Curtain is connected to the control panel or BMS and all others are slaves.)

2. The recommended set-up is shown in **Fig. 3**

G - Power cable, suitably rated.

H - Mains isolation switch, located as close as conveniently possible to both appliances. One isolator rated to power the complete system should be used.

J - Fuse Board containing a suitable circuit breaker to protect the system.

K - Ethernet RJ45 terminated control cable.

L - Switch panel providing functional control of the air curtain system.

M - Modular linking cable (routed internally) passes the control signal from the master to the slave unit.

X - if constraints do not allow for one single isolator, an isolator can be provided for each appliance, however to comply with IEE Wiring Regulations warning notices must be placed beside each isolator warning that all other isolators must be switched off before cleaning or maintenance is carried out.

Ensure all wiring is fixed clear of all moving parts and heat sources.

3. Access to the appliance is by opening the hinged grille, - see 'CABR/DABR' Installation Instructions.

4. Remove the knockouts as shown in 'A' **Fig. 1** in the side panels of the appliances. Suitable cable glands (M20 & M25) not supplied should be used.

5. Remove the correct (marked CAB or DAB) 'Joiner' from the carton, and connect the two appliances together as shown in **Fig. 4a** using the fixings provided.

Note, Unistrut can be used to provide extra support and locating points, see **Fig. 4b**.

6. Using suitable lifting equipment, the assembly should be lifted and mounted to a suitable mounting structure. Refer to CABR/DABR for fixing dimensions. The arrangement of drop rod positions (not supplied) are shown on **Figs. 5a, 5b and 5c**.

7. Connect the control panel to 'Bus In' on the master unit, (see main appliance instructions).

8. Connect the (supplied) network cable to the 'Bus Out', see **Figs. 6 and 7**, on the master unit and to the 'Bus In' on the slave unit. Important, make use of the clips (supplied) and fasten as shown in **Fig. 2**

9. The power cable assemblies, should be fed into the appliances and into the respective terminal blocks. See **Fig. 2**.

## Wiring Diagram (see Fig. 6)

Electric Models -

CABR 'E'

DABR 'E'

C - Thermostat

D - Door Switch (Optional)

E - Thermal Safety Cut-out Circuit

F - Elements

## Wiring Diagram (see Fig. 7)

Water/Ambient Models -

CABR 'A'

CABR 'W'

DABR 'A'

DABR 'W'

D - Door Switch (Optional)

10. Close the hinged grille and secure the latches in the closed position.

11. Power up the appliances and check all settings.

## Recycling



For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer

for recycling advice in your country.

## After Sales Service

Your product is guaranteed for three years from the date of purchase. Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales information or assistance with this product please go to [www.dimplex.co.uk](http://www.dimplex.co.uk) where you will find our self help guide by clicking on "After Sales" or ring our helpdesk on 0844 879 3588 (UK) or 01 842 4833 (R.O.I.).

**Spare parts are also available on the website**

**[www.dimplex.co.uk](http://www.dimplex.co.uk)**

Please retain your receipt as proof of purchase.

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