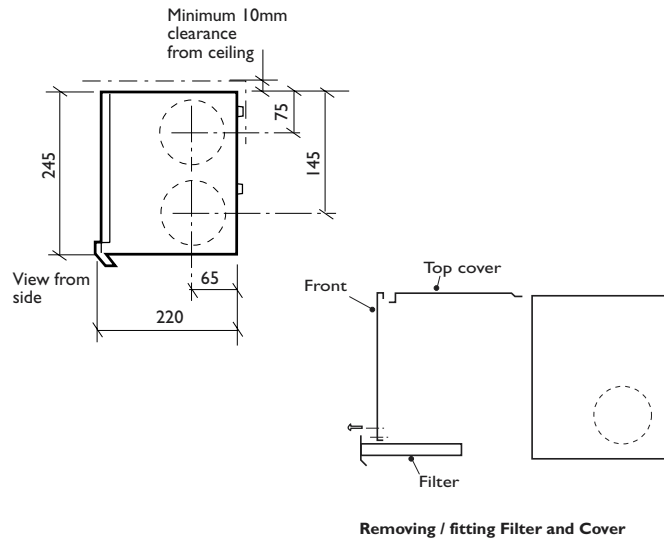
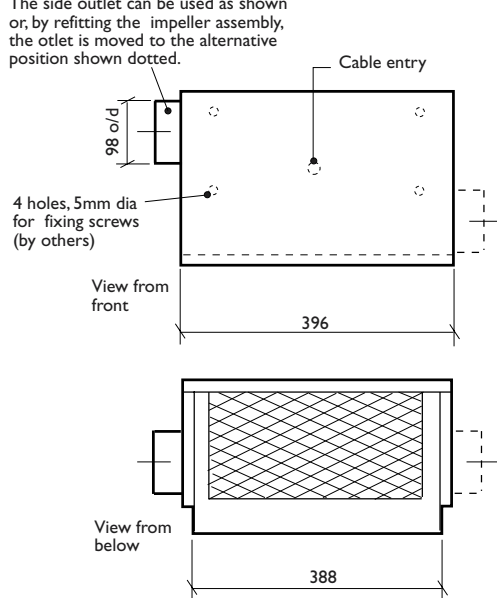


**CE** The EMC directive: 89/336/EEC  
with modification 92/31/EEC  
The low voltage directive 73/23/EEC

The side outlet can be used as shown or, by refitting the impeller assembly, the outlet is moved to the alternative position shown dotted.



### IMPORTANT

The installation must be carried out by qualified personnel in accordance with the appropriate authority and conforming to all statutory and governing regulations eg. IEE, CIBSE, COHSE etc.

### ISOLATION

Before commencing work ensure the electrical supply is disconnected.

### General

The NuAire KF Kitchen Extract unit is designed to be mounted on a wall within a kitchen. A metal grease filter is fitted into 'slides' on the underside of the case and can easily be withdrawn for cleaning. A wire mesh guard prevents access to the electrical connections and other internal parts when the filter is removed. The unit impeller assembly can be removed and turned through 180 degrees to allow discharge to the opposite side (see dimension drawing). Blanking plates are fitted in unused spigot positions. The unit should be wired via a suitable ON / OFF switch and provided with a means of isolation (by others)

### Installation

#### IMPORTANT NOTE:

Kitchen Extract Units must be positioned at least one metre from any possible heat source, particularly cooking hobs, hot plates, deep fryers, cooking pots and similar utensils. The minimum clearance of one metre must take such heat sources into account for satisfactory installation.

### Mounting the unit

Select a suitable mounting position. Note the clearance between the top of the unit and the ceiling must not be less than 10mm when fitted.

Position the outlet spigot (98mm o/d) to allow connection to

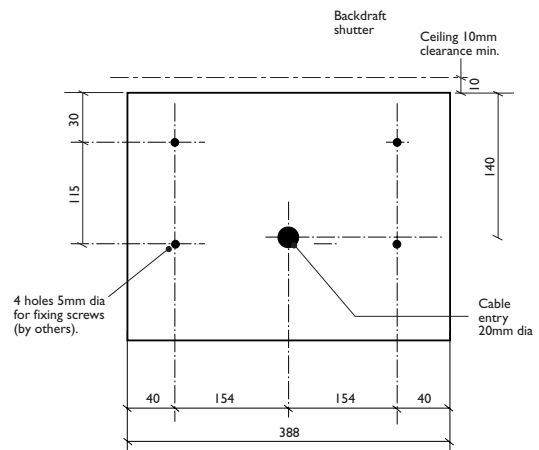
associated discharge ductwork (by others).

Make provision for the passage of electrical cables to the cable entry on the rear of the unit. Drill and plug four holes in the wall as per fixing details below.

### Installation

Remove the unit filter by sliding it forwards, then remove the front and top cover. Remove the blower assembly, taking care not to damage the impeller. Fix the unit in position using suitable fixings (not supplied). During this operation, connect the outlet spigot to the ductwork and feed the electrical cable into the unit. Wire the supply into the unit terminal strips (see wiring diagram overpage). Fit the top cover and front cover then slide the filter back into place.

**WE RECOMMEND THE FITTING OF A BACK-DRAUGHT SHUTTER IN THE INSTALLATION (NOT SUPPLIED)**



Fixing details Backplate viewed from front

# INSTALLATION & MAINTENANCE KF KITCHEN FAN

## Ancillaries

Compatible roof cowls and wall cowls can be supplied as optional extras.

## Maintenance

**BEFORE CARRYING OUT ANY WORK , THE UNIT MUST BE ISOLATED FROM THE ELECTRICAL SUPPLY BY INTERRUPTING THE EXTERNAL CIRCUIT THROUGH A MASTER SWITCH, REMOVAL OF FUSES ETC. AS RELEVANT.**

## General

Every six months, clean out the interior and check components for condition. No lubrication is required as the unit motor has sealed for life bearings.

## Filter Cleaning

The grease filter must be kept clean as otherwise the unit performance will be greatly reduced. Cleaning should be carried out approximately every 6 weeks but this may be varied depending on the frequency of use.

To clean the filter, first switch off the fan. Slide the filter clear, shake out any loose dust then immerse in hot water containing ordinary household detergent (do not add soda to the water under any circumstances). Agitate occasionally to help free the grease. Wipe clean, remove from the water and allow to drip dry. Return the filter to the unit.

## Schedule of parts

When ordering, quote the serial; numbers of the unit, together with the part number below or fully describe the part. Serial numbers will be found on the identification plate fixed to the unit.

Part No.	Description	Qty
120014	Filter assembly	1
530082	Fan assembly	1

## Electrical Details

Nominal fan speed rpm	Motor details		Maximum permissible temperature of air passing over motor °C
	Input power Watts	Nominal run and start currents (amps) flc   sc	
2070	80	0.78   0.88	50

## 3 YEAR WARRANTY

The three year warranty starts from the date of delivery and includes parts and labour for the first year. The labour element is subject to full, free and safe access to the equipment as recommended by the CDM regulations. The remaining two years covers replacement parts only.

## NOTE:

**Installation & Maintenance of the equipment must be as directed in the instructions provided with the unit.**

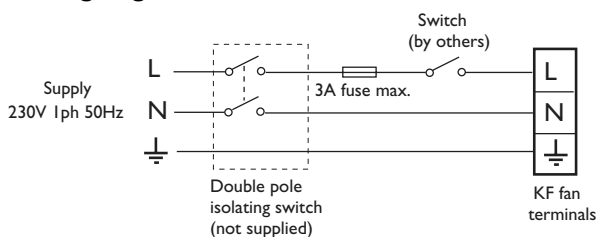
## Service Enquiries

NuAire Home Ventilation can assist you in all aspects of service. Our engineers are supported by a comprehensive range of spare parts 'off the shelf'. Our Service Department will be happy to give you more information.

Telephone: **02920 858585**

Facsimile: **02920 858586**

## KF wiring diagram



*Technical or commercial considerations may, from time to time, make it necessary to alter the design, performance and dimensions of equipment and the right is reserved to make such changes without prior notice.*