

# ISOLATION SWITCH

THE 6 POLE IP RATED ISOLATOR SWITCH IS TO BE FITTED NEXT TO THE CHIMNEY FAN LOCATION.

**PLEASE NOTE:**

IF OUR ENGINEER IS RUNNING THE CABLE FROM THE FAN ISOLATION SWITCH TO THE EFC25 CONTROL THEN THE ROUTE THROUGH THE BUILDING **MUST BE AGREED WITH THE CHIMFLUE SALES ENGINEER AT THE TIME OF SITE SURVEY. ACCESS MUST BE SAFE AND ALL BUILDERS WORK SUCH AS HOLE CUTTING AND SUB-SURFACE CHASING MUST BE COMPLETE BEFORE OUR ELECTRICAL ENGINEER'S DUE DATE ON SITE.**

IF THE AGREED ROUTE OR METHOD IS CHANGED THEN OUR CHIMFLUE LTD SALES ENGINEER MUST BE INFORMED SO THAT WE CAN QUOTE TO COVER THE COST OF RUNNING EXTRA CABLE OVER THE SPECIFIC DISTANCE INVOLVED.

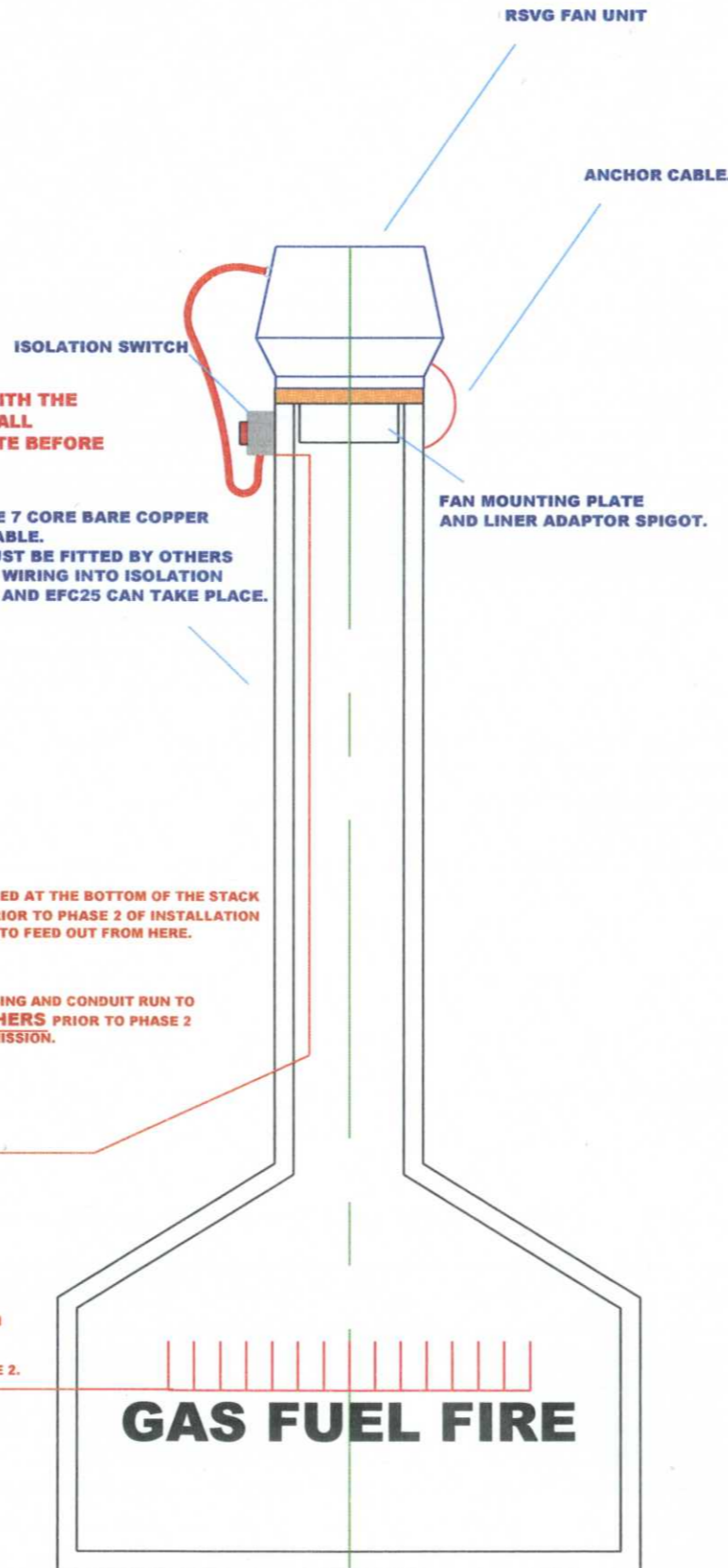
THE EFC25 MAY BE SURFACE MOUNTED ON THE WALL ONLY.

THE EFC25 CONTROLLER REQUIRES A 230 VOLT 50Hz POWER SUPPLY WITH A FUSED SPUR AND EXTERNAL SWITCH WITHIN A 5 METRE RADIUS OF THE CONTROLLER'S PROPOSED FITTING LOCATION.

THIS MUST BE IN PLACE PRIOR TO OUR WIRING AND COMMISSIONING DATE.

**PLEASE NOTE:**

IF THE DISTANCE TO THE 230V FUSED AND SWITCHED SPUR IS GREATER THAN THE ALLOWED FOR 5M THEN OUR CHIMFLUE LTD SALES ENGINEER MUST BE INFORMED SO THAT WE CAN QUOTE TO COVER THE COST OF RUNNING EXTRA CABLE OVER THE SPECIFIC DISTANCE INVOLVED. WE DO NOT CARRY OUT ANY CHASING OR CONDUIT RUNS.



## IMPORTANT NOTES:

THE INFORMATION GIVEN ON THIS CHIMNEY FAN INSTALLATION ADVICE SHEET IS CRUCIAL TO THE SUCCESSFUL WIRING AND COMMISSIONING OF YOUR CHIMNEY FAN.

THE PREPARATORY WORKS AND BASIC WIRING REQUIREMENTS OUTLINED HERE MUST BE IN PLACE BEFORE OUR INSTALLATION ENGINEERS AND ELECTRICAL ENGINEERS ARRIVE ON SITE TO CARRY OUT THE FINAL WIRING AND COMMISSIONING.

THE INSTALLATION WILL TYPICALLY BE TWO PHASE AS FOLLOWS...

**PHASE 1:**

INSTALLATION ENGINEERS FIT CHIMNEY FAN, LINER AND ASSOCIATED ANCILLIARIES.

**PHASE 2:**

ELECTRICAL ENGINEER ARRIVES TO CARRY OUT FINAL WIRING, TEST AND COMMISSION OF FAN AND CONTROLS BEFORE HANDOVER.

MEANS OF ACCESS TO THE CHIMNEY TOP MUST BE SAFE AND MUST REMAIN IN PLACE UNTIL FINAL COMMISSION AND HANDOVER.

PERMANENT POWER MUST BE IN PLACE AND AVAILABLE AS OUTLINED ON THIS ADVICE SHEET FOR WIRING AND COMMISSIONING TO TAKE PLACE.

UNLESS OTHERWISE STATED ANY QUOTATION IS FOR A SINGLE VISIT TO CARRY OUT THE PHASE 2 COMMISSIONING WORK. UNFORTUNATELY IF THIS VISIT IS ABORTED DUE TO ANY OUTSTANDING PREPARATORY WORK OR REQUIREMENTS SUCH AS LACK OF SAFE ACCESS OR LACK OF A SUITABLE LOCAL POWER SUPPLY WE WOULD HAVE TO MAKE AN ADDITIONAL CHARGE TO COVER THE COST OF A RETURN VISIT OR RECEIVE A SIGNED VARIATION ORDER TO CARRY OUT ADDITIONAL WIRING FOR EXAMPLE WHERE THIS IS POSSIBLE.

WE DO NOT CARRY OUT ANY CABLE / CONDUIT CHASING OR BACK BOX FITTING FOR FLUSH MOUNTING OR OTHER BUILDERS WORK UNLESS WE HAVE SPECIFICALLY QUOTED TO DO SO. ANY CONDUIT FITTED IN PREPARATION FOR OUR PHASE TWO WIRING AND COMMISSIONING VISIT MUST HAVE DRAW STRING PRE-FITTED.

### EFC25 CONTROL

IF THE EFC25 IS TO BE FITTED INTO A CLOSET THEN AN INFRA RED SENSOR LEAD (IR LEAD) CAN BE SUPPLIED AT ADDITIONAL COST AND RUN TO THE HEARTH ALONG WITH THE 7 CORE CABLE. THIS WILL ALLOW THE REMOTE CONTROL HANDSET SIGNAL TO BE RELAYED BACK TO THE EFC25 BY POINTING IT AT THE GAS FIRE APPLIANCE.

230V 50Hz FUSED SPUR & EXTERNAL SWITCH MAINS SUPPLY.

BY OTHERS.

A HOLE MUST BE DRILLED LARGE ENOUGH TO ALLOW 7 CORE CABLE TO FEED IN TO APPLIANCE WITH DRAW STRING IF NECESSARY - BY OTHERS PRIOR TO PHASE 2.

**PLEASE NOTE:**

The EFC25 has been developed for use only with gas fireplaces with flame detection devices and automatic ignition. The controller system supervises the fail-safe function and integrates with the fireplace control by means of two relays. (No solenoid valve is required). The control system supervises the fail-safe function. In case of insufficient chimney draught, the EFC25 will shut down the fireplace.

IF CHIMFLUE ARE TO CARRY OUT ALL OF FINAL WIRING AND COMMISSION OF SYSTEM THE APPLIANCE MUST BE IN PLACE AND ALL ITEMS FULLY FUNCTIONING PRIOR TO PHASE 2 ATTENDANCE.

**\* NOTE: FOR INSTALLATION WHERE AN INSERT GATHER AND METAL FLUE LINER ARE NOT USED - PYRO CABLE MUST BE INSTALLED AND WE CANNOT ACCEPT RESPONSIBILITY FOR THE INTEGRITY OF THE CHIMNEY.**

## ChimFlue Ltd

Unit 5, Viscount Court  
South Way, Walworth Industrial Estate  
Andover, Hampshire, SP10 5NW  
Tel: 01264 332878  
Fax: 01264 366647  
Email: Sales@chimflue.co.uk

Client

### AS QUOTATION

Drawing Title

RSVG FAN  
GAS FIRE

Project

WIRING/ACCESS  
ADVICE SHEET

Engineer	Date	Scale
PK	22.11.2007	NTS
Checked	Drawing No.	