

(RSV 009 / 012 / 014 / 016)

# ISOLATION SWITCH

THE 4 POLE IP RATED ISOLATOR SWITCH IS TO BE FITTED NEXT TO THE CHIMNEY FAN LOCATION WITHIN 500MM SO THAT THE FAN CAN BE ISOLATED FOR MAINTENANCE.

**PLEASE NOTE:**

UNLESS OTHERWISE AGREED CHIMFLUE DO NOT RUN THE CABLE THROUGH THE BUILDING. IF OUR ENGINEER IS RUNNING THE CABLE FROM THE FAN ISOLATION SWITCH TO THE EFC16 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 EFC16 MAY BE SURFACE MOUNTED ON THE WALL OR FLUSH MOUNTED IN THE WALL IF A SUITABLE BACK BOX IS FITTED BEFORE OUR ELECTRICAL ENGINEER ARRIVES ON SITE.

THE EFC16 CONTROLLER REQUIRES A 230 VOLT 50Hz POWER SUPPLY WITH A FUSED SPUR AND EXTERNAL SWITCH WITHIN A 1 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 1M 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.

## EFC16 Control



50mm CORE DRILL HOLE TO BE DRILLED AT THE BOTTOM OF THE STACK **BY OTHERS** PRIOR TO PHASE 1 OF INSTALLATION TO ALLOW PYRO CABLE TO FEED OUT.

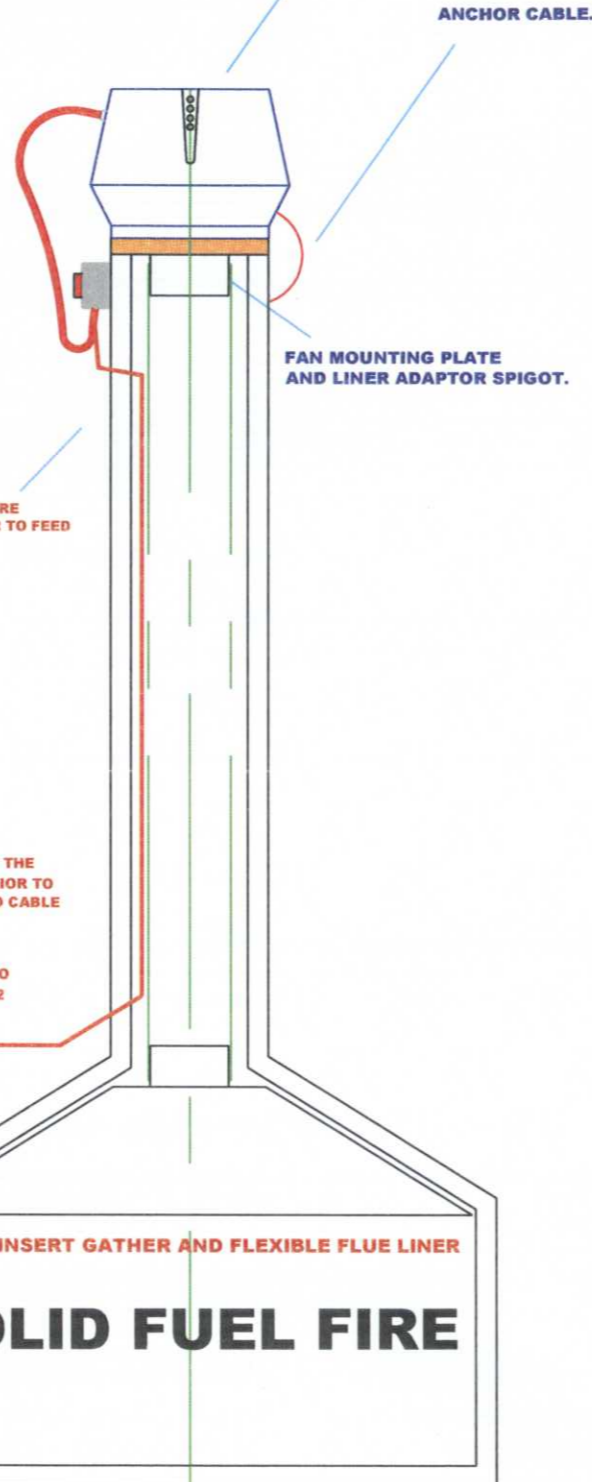
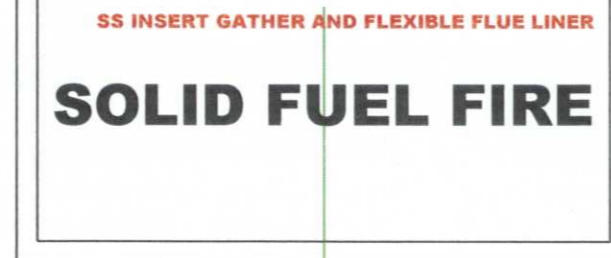
ANY SUB SURFACE CHASING AND CONDUIT RUN TO BE COMPLETED **BY OTHERS** PRIOR TO PHASE 2 FINAL WIRING AND COMMISSION.

230V 50Hz 13A FUSED SPUR & EXTERNAL SWITCH MAINS SUPPLY.

BY OTHERS.

Type EFC16EU01  
Voltage 230 V AC  
Load max. 1.5A  
Internal fuse T 1.6 AH  
Max. fuse 13 A  
Ambient temperature 0 - 40oC  
Min. output voltage Built-in potentiometer  
Protection class IP20  
Material Thermoplastic ABS  
Colour White  
Min. opening for installation H 54 x W 68 x D 24 mm

4 CORE 1.5mm PYRO CABLE.  
HOLE TO BE DRILLED HERE BY CHIMFLUE ENGINEER TO FEED PYRO CABLE IN.



## 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 RECIEVE 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.

## ChimFlue Ltd

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Client

### AS QUOTATION

Drawing Title  
**RSV FAN FOR  
SOLID FUEL WITH  
PYRO CABLE**

Project  
**WIRING/ACCESS  
ADVICE SHEET**

Engineer	Date	Scale
RT	22.11.2007	NTS
Checked		