



+

1 VALENTINES BUILDINGS
BECHERS DRIVE
AINTREE RACECOURSE
BUSINESS PARK
AINTREE
LIVERPOOL
L9 5AY

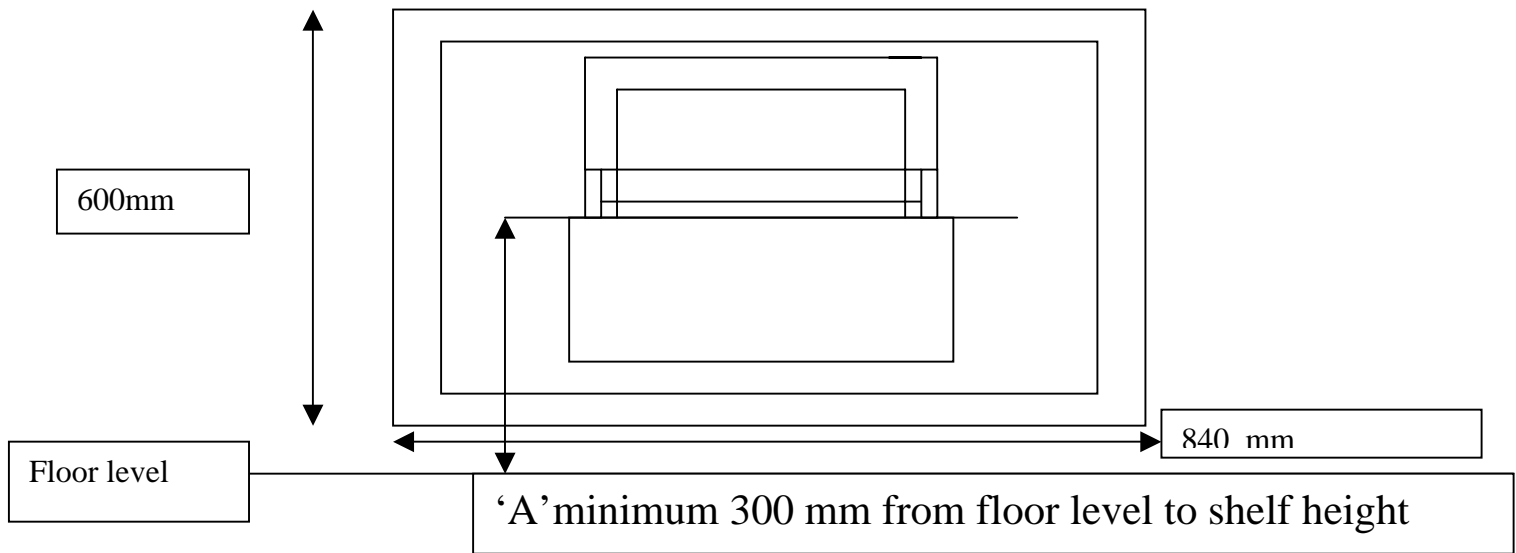
SAPPHIRE

DECORATIVE FUEL EFFECT GAS FIRE

THIS APPLIANCE IS CAT I_{2H}
FOR USE WITH NATURAL GAS
ONLY

G20 AT 20mbar
IN G.B. AND I.E.

INSTALLATION & SERVICING BOOK



SIZES INCLUDING TRIM

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE YOU START
INSTALLING THE APPLIANCE.
KEEP THIS BOOKLET HANDY FOR FUTURE REFERENCE

TECHNICAL DATA

GAS TYPE:	NATURAL GAS
GAS PRESSURE:	20mbar
CONNECTION	8mm TUBE
INJECTOR manual control:	CAT 82/380 BRAY
HEAT INPUT	6.2kW HIGH 3.8kW LOW

CAT 1_{2H} DATA BADGE ON FRONT BOTTOM SECTION OF APPLIANCE

IMPORTANT NOTES

THIS APPLIANCE IS FITTED WITH AN ATMOSPHERE SENSING DEVICE AND CAN ONLY BE FITTED IN CONJUNCTION WITH THE FOLLOWING FLUES.

CONVENTIONAL BRICK OR STONE CHIMNEY.

A PRE CAST FLUE CONFORMING TO BS 1289 PT 1

OR A METAL FLUE BOX CONFORMING TO BS715

A NON COMBUSTIBLE HEARTH MUST BE PROVIDED TO COMPLY WITH THE BUILDING REGULATIONS OR A SUITABLE PROPRIETARY FIRE SURROUND WITH 100 DEGREES C RATING.

(no hearth is required if installed a minimum height of 300mm to shelf height 'A' as shown on page 2)

THE CHIMNEY OR FLUE (UNLESS NEW) MUST BE SWEEPED BEFORE INSTALLATION, IF IT HAS BEEN USED FOR SOLID FUEL

INSTALLER

THIS APPLIANCE MUST BE INSTALLED BY A COMPETENT PERSON IE. A C.O.R.G.I. REGISTERED INSTALLER IN ACCORDANCE WITH THE CURRENT EDITION OF THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS OR THE RULES IN FORCE. FAILURE TO DO SO COULD LEAD TO PROSECUTION.

VENTILATION GREAT BRITAIN

NO SPECIAL VENTILATION BRICKS OR VENTS ARE NORMALLY REQUIRED INTO THE ROOM CONTAINING THE APPLIANCE, PROVIDED NORMAL ADVANTAGEOUS ROOM VENTILATION EXISTS, THE INSTALLER MUST SATISFY THIS POINT BY A MANDATORY SPILLAGE TEST.

IRELAND. PURPOSE PROVIDED VENTILATION MUST BE PROVIDED AND MUST HAVE A MINIMUM AS STATED “(IN I.S 813 DOMESTIC GAS INSTALLATIONS-NATIONAL STANDARDS AUTHORITY OF IRELAND)”

WARNING

THIS APPLIANCE HAS A NAKED FLAME, AS WITH ALL SUCH FIRES IT IS RECOMMENDED THAT A FIREGUARD SHOULD BE USED FOR THE PROTECTION OF CHILDREN, THE ELDERLY AND INFIRM. FIRE GUARDS SHOULD CONFORM TO BS8423 2002 (FIREGUARDS FOR FIRES AND HEATING APPLIANCES FOR DOMESTIC USE-SPECIFICATION)

INSTALLATION REQUIREMENTS

PRE CAST FLUES

A PRECAST FLUE CONFORMING TO THE REQUIREMENTS OF BS 1289 PART 1.FOR DETAILS OF THE DIMENSIONS REQUIRED TO LOCATE POSITION OF THE APPLIANCE WITHIN THE OPENING/STARTER BLOCKS SEE FIG 1.

WITH A MINIMUM 3 METERS EFFECTIVE HEIGHT.

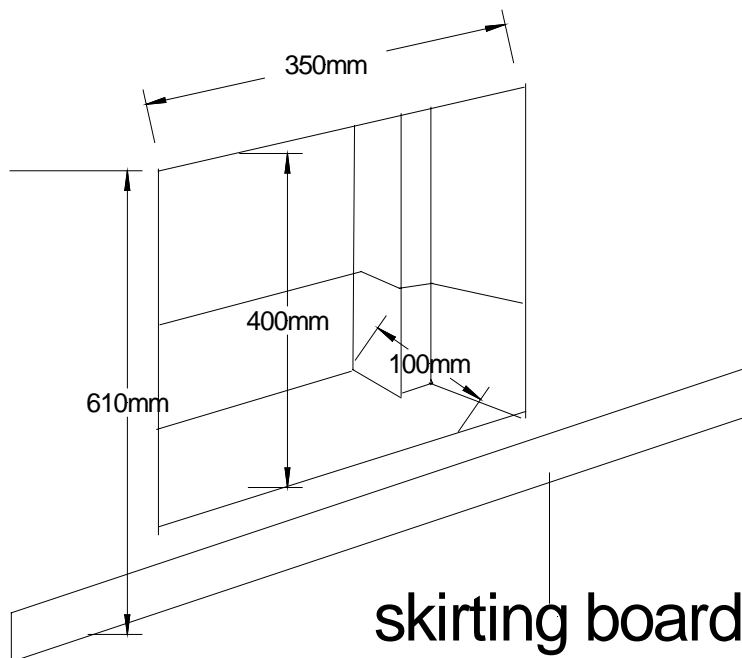


FIG 1

NOTE

AN INSPECTION SHOULD BE MADE TO ENSURE THAT THE INTERNAL WALLS OF THE FLUE ARE CLEAR OF MORTAR FANGS PRIOR TO INSTALLING THE APPLIANCE.

CONVENTIONAL CHIMNEY

A CONVENTIONAL BRICK OR STONE CHIMNEY AS USED FOR SOLID FUEL APPLIANCE WITH A MINIMUM EFFECTIVE CROSS SECTIONAL DIMENSION OF 225*225mm, WITH A MINIMUM OF 3 METERS EFFECTIVE HEIGHT.

A LINED FLUE WITH A MINIMUM DIAMETER OF 125mm WITH THE FIREPLACE COMPONENTS CONFORMING TO BS 1251

A BUILDERS OPENING A MINIMUM OF 400mm HIGH AND 350mm WIDE WITH A MINIMUM DEPTH OF 150mm TO ALLOW SUFFICIENT VOLUME OF DEBRIS COLLECTION.

TO OBTAIN THIS DEPTH IT IS NECESSARY TO REMOVE THE CHAIRBRICK.

ANY PERMANENT FLUE RESTRICTION OR VARIABLE DAMPER MUST BE REMOVED OR LOCKED FULLY OPEN.

THE CHIMNEY MUST BE SWEEPED PRIOR TO INSTALLATION IF NOT NEW.

THE CHAIRBRICK MUST BE REMOVED ON ALL INSTALLATIONS.

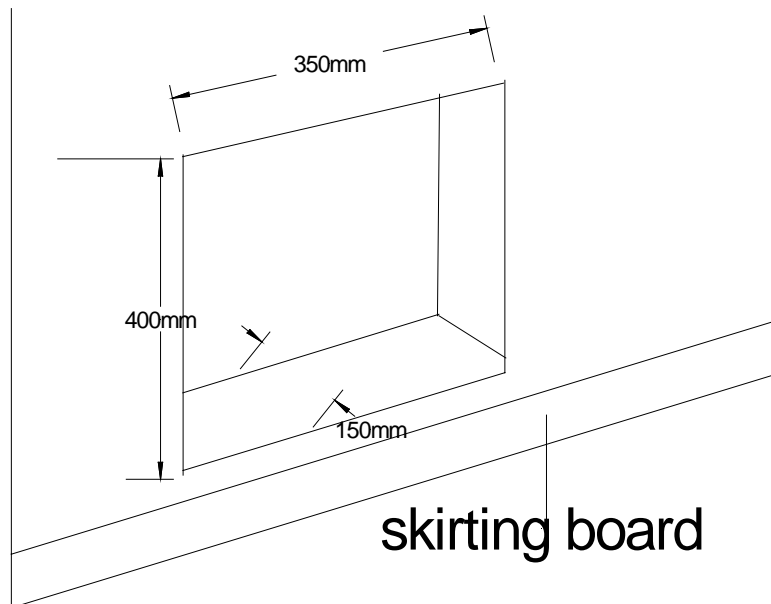


fig 2

THE INSTALLATION MUST ADHERE TO OPENING SIZES IN FIG 2

THE RELEVANT BRITISH STANDARDS MUST BE FOLLOWED

BS 5871 :PART 3
BS 5440: PART 1 AND 2
BS 6891
BS 8303
BS 1251
AND I.S 813 FOR IRELAND

A BRICK CHAMBER TO THE SIZES IN FIG 2 IN AN EXISTING BRICK OR STONE CHIMNEY A 125mm MINIMUM DIAMETER FLUE LINER CONFORMING TO BS715 MAY BE USED, PROVIDING IT IS SEALED AT THE TOP AND BOTTOM OF THE EXISTING BRICK OR STONE CHIMNEY.

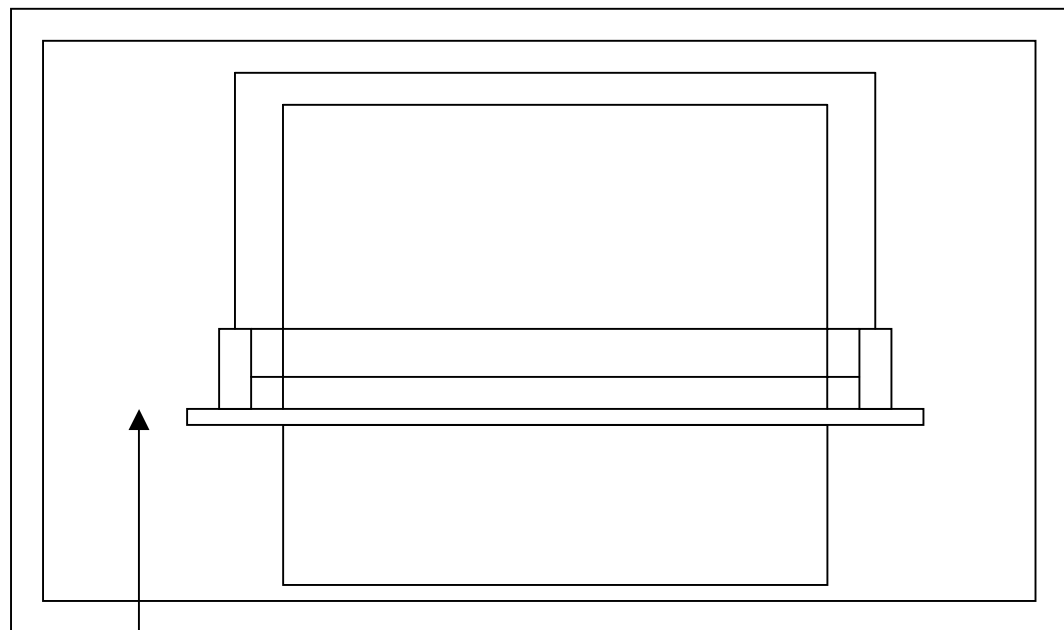
NOTE

ANY OF THE ABOVE FLUES MUST NOT BE RESTRICTED BY DAMPERS OR REGISTER PLATES, THE FLUE MUST SERVE ONLY ONE APPLIANCE AND NOT HAVE ANY BRANCHES OR TRAPS WHICH MAY IMPEDE THE NATURAL DRAUGHT .IF ANY TERMINAL IS FITTED IT MUST BE SUITABLE FOR THE PURPOSE.

THE FRONT FACE SEAL MUST BE FLAT TO ENSURE A GOOD SEAL IS FORMED BETWEEN THE REAR AND BASE OF THE APPLIANCE AND CHIMNEY TO AVOID ANY REDUCTION IN THE NATURAL DRAUGHT.

HEARTH

**NO PURPOSE MADE HEARTH IS
REQUIRED WITH THIS GAS
APPLIANCE PROVIDING
IT IS WALL MOUNTED AT A
MINIMUM HEIGHT OF 300mm
TO THE SHELF HEIGHT
AS SHOWN BELOW**



MINIMUM
300 mm

SKIRTING BOARD

CARE SHOULD BE TAKEN TO PREVENT ANY DAMAGE BEING CAUSED TO SURROUNDING SOFT FURNISHINGS OR DECORATION. MANY EMBOSSED VINYL WALL COVERINGS MAY BECOME DISCOLOURED IF PLACE TOO CLOSE TO THE APPLIANCE

CHECK FLUE

CHECK THAT THE CHIMNEY CONFORMS TO THE REQUIRED SPECIFICATIONS AS PREVIOUSLY STATED.

EXAMINE THE CONDITION AND CARRY OUT ANY REMEDIAL WORK IF THE FLUE HAS BEEN USED FOR SOLID FUEL IT MUST BE SWEEPED AND A SMOKE TEST CARRIED OUT TO CHECK THAT SATISFACTORY SMOKE CLEARANCE HAS BEEN ESTABLISHED.

IF ALL THE SMOKE IS NOT DRAWN INTO THE FLUE , PRE HEAT THE FLUE WITH A BLOW TORCH OR SIMILAR AND RE CHECK, IF THERE IS ANY UNCERTAINTY EXAMINE FOR THE CAUSE AND IF NECESSARY SEEK EXPERT ADVICE.

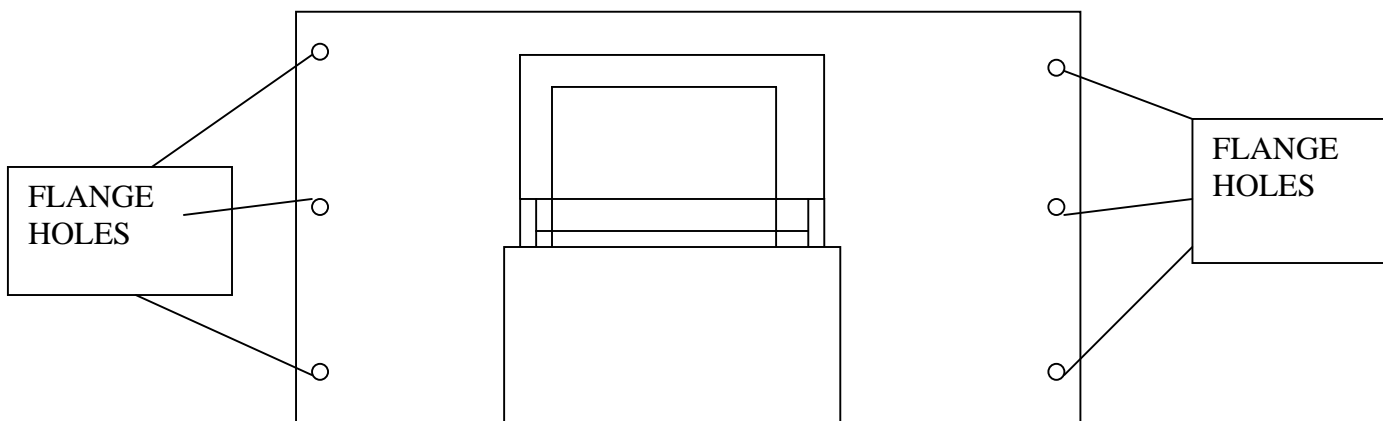
GAS SUPPLY

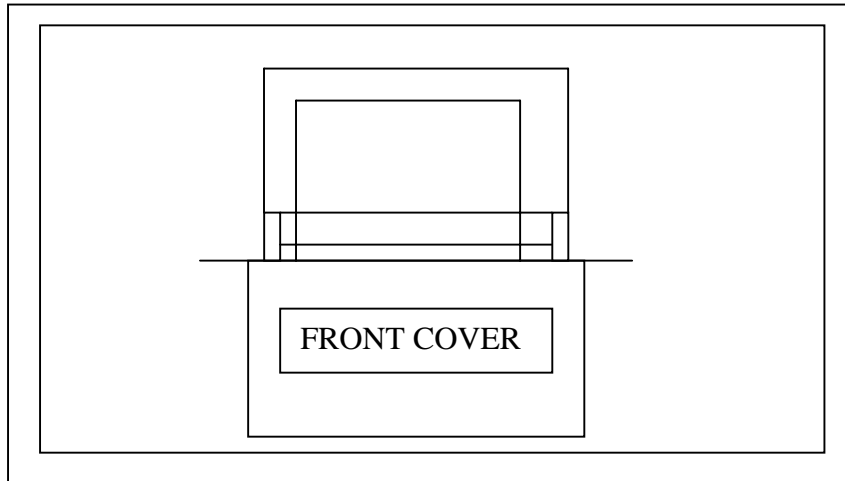
IT IS RECOMMENDED A CONCEALED CONNECTION IS MADE USING SEMI RIGID TUBING ON THE LEFT SIDE OF THE APPLIANCE TAKING INTO ACCOUNT THE REQUIREMENTS OF BS 6891 1988 DEALING WITH ENCLOSED PIPES.

AN ISOLATING VALVE IS BUILT IN TO THE APPLIANCE AS PART OF THE PRESSURE TEST POINT ELBOW.

SECURE FIRE TO FIREPLACE

MARK POSITION OF FLANGE HOLES,(AS SHOWN BELOW)DRILL AND PLUG AND FIX FIRE TO FIREPLACE ENSURING A GOOD SEAL USING FOAM SEAL SUPPLIED.





THE FRONT COVER SLIDES FORWARD TO GET ACCESS TO GAS VALVE AND TEST ELBOW TO CHECK FOR PRESSURE AND SOUNDNESS.

CHECKING GAS PRESSURE AND SOUNDNESS

REMOVE THE PRESSURE TEST POINT SCREW FROM THE INLET ELBOW AND
CONNECT PRESSURE GAUGE.
TURN ON GAS TO APPLIANCE.
ROTATE THE CONTROL TO THE IGNITION POSITION AND PUSH IN TO ALLOW THE
AIR IN THE PIPEWORK TO BE PURGED.
PUSH IN PIEZO IGNITION SWITCH
CHECK THAT THE ELECTRODE IS SPARKING.
CONTINUE SPARKING UNTIL PILOT IGNITION IS ESTABLISHED.
TURN THE GAS CONTROL KNOB ON TO THE HIGH POSITION AND ALLOW TO RUN
FOR FIVE MINUTES.
CHECK THE INLET PRESSURE IS 20 MBAR. +/- 1mbar
CHECK FOR GAS SOUNDNESS.
TURN OFF GAS SUPPLY, DISCONNECT PRESSURE GAUGE AND REPLACE PRESSURE
TEST POINT SCREW.

FUEL BED LAYOUT

PERIODICALLY SMALL DEPOSITS OF SOOT MAY GATHER ON THE FUEL BED AND BURNER, THIS MUST BE REMOVED BY REMOVING FUEL AND BRUSHING ANY DEPOSITS WITH A SOFT BRUSH AND VACUUMING THE BURNER, THEN REPLACE FUEL USING THE FOLLOWING PROCEDURE.

ONLY USE FUEL PIECES STATED IN LAYOUT



THE FRONT FIBRE COMES INSTALLED IN THE APPLIANCE. AND THE REAR MATRIX FITS BEHIND , ENSURE FLAT AND FLUSH TO LOCATING POINTS AS SHOWN



THE SEVEN ROUND FUEL PIECES SIT WITH FLAT BASES DOWN, THE FUEL PIECES ARE LEVEL WITH THE FRONT FIBRE AND DO NOT OVERLAP ON TO THE BURNER. THEY ARE PLACED ON TOP OF LOCATING PINS SHOWN ON PREVIOUS PICTURE



REAR CURVED FIBRE FITS CENTRALLY AS SHOWN ENSURE CUT OUTS ON BOTH SIDES ARE VISIBLE AS SHOWN TO ENSURE CORRECT PLANE



THE TWO SMALL FUEL PIECES
SIT HORIZONTAL ON LEFT AND
RIGHT AS SHOWN
BETWEEN ROUND FUEL PIECES AND
REAR MATRIX



FRONT FUEL PIECE SITS ON ROUND
FUEL PIECES WITH BRANCH LOOKING
TO REAR AND TOUCHING RIGHT
PILLAR ON REAR MATRIX.
IT IS POSITIONED HORIZONTAL
BETWEEN THE TWO SMALL PIECES
ON LEFT AND RIGHT



LEFT SMALL LOG PIECE FITS ON
ANGLE JOINING REAR CURVED LOG
PIECE AND FRONT FUEL PIECE
AS SHOWN
ENSURE BRANCH IS TO THE REAR



CENTRE TOP FUEL PIECE SITS TO RIGHT OF LEFT TOP PIECE THIS TIME BRANCH IS TO THE FRONT AS SHOWN THERE SHOULD BE A GAP OF 20mm BETWEEN THE TWO TOP BRANCH FUEL PIECES



RIGHT TOP FUEL PIECE SITS TO THE RIGHT OF THE CENTRE TOP PIECE THIS TIME WITH BRANCH TO REAR AS SHOWN AGAIN THE RIGHT BRANCH FUEL PIECE SHOULD HAVE A GAP OF 20mm BETWEEN IT AND CENTRE FUEL PIECE



THE APPLIANCE MAY BE LIT WITH A TAPER IF THE IGNITION FAILS ,POSITION TAPER AS SHOWN AND OPERATE THE APPLIANCE AS NORMAL THEN SEEK ADVISE TO HAVE THE FAULT REPAIRED FROM A CORGI APPROVED ENGINEER

taper

TEST FOR SPILLAGE

CHECK FOR SATISFACTORY CLEARANCE OF COMBUSTION PRODUCTS
CLOSE ALL DOORS AND WINDOWS IN THE ROOMS CONTAINING THE
FIRE.

TURN ON GAS FIRE AND SET THE CONTROL TO HIGH
LEAVE THE FIRE BURNING FOR FIVE MINUTES AND INSERT A LIGHTED
SMOKE MATCH ON A VERTICAL PLANE

50 mm DIRECTLY UNDER FRONT EDGE OF CANOPY AND 50mm FROM
EITHER SIDE OF THE OPENING

ALL SMOKE MUST BE DRAWN INTO THE FLUE

IF SPILLAGE OCCURS ALLOW A FURTHER TEN MINUTES

SHOULD SPILLAGE STILL OCCUR TURN OFF THE FIRE AND SEEK
EXPERT ADVICE

IF AN EXTRACTOR FAN IS SITUATED IN THE ROOM , THIS TEST SHOULD
BE REPEATED WITH THE FAN RUNNING

IF THERE IS A ROOM WITH AN EXTRACTOR FAN, THE TEST SHOULD BE
REPEATED WITH ALL THE DOORS TO THAT ROOM OPENED AND THE
EXTRACTOR FAN RUNNING

FITTING TRIMS

FIT THE TRIM WITH MAGNETS PLACED ON THE VERTICAL SIDE FLANGES OF
THE FIRE BACK PANEL

OFFER THE TRIM UP AND PUSH INTO POSITION

INSTRUCT USER

DEMONSTRATE THE LIGHTING AND EXTINGUISHING PROCEDURES TO THE USER
AND REMOVAL AND REFITTING OF THE TRIM FOR CLEANING.

THE APPLIANCE SHOULD BE OPERATED WITH THE GAS CONTROL NOT TURNED ON
MORE THAN LOW FOR THE FIRST FIVE HOURS OF USE TO ALLOW THE FIBRE
FUEL TO CURE SLOWLY.

THE CURING EFFECT OF HEATING THE FUEL AND OTHER CERAMICS COMPONENTS
WILL CAUSE AN INITIAL ODOR.

THE APPLIANCE SHOULD BE SERVICED ANNUALLY BY A COMPETENT PERSON IN
ACCORDANCE WITH THESE INSTRUCTIONS AND THE APPLIANCE CHECKED FOR
SPILLAGE IN ACCORDANCE WITH THE METHOD DETAILED IN THESE
INSTRUCTIONS

HAND THESE INSTRUCTIONS TO THE USER.

SERVICING NOTES

GENERAL NOTES.

SERVICING SHOULD BE CARRIED OUT ANNUALLY BY A COMPETENT PERSON SUCH AS A CORGI REGISTERED PERSON IN ACCORDANCE WITH THE RELEVANT REGULATIONS, TO ENSURE THE SAFE AND CORRECT OPERATION OF THE APPLIANCE

BEFORE COMMENCING ANY SERVICE OR REPLACEMENT OF PARTS TURN OFF GAS SUPPLY TO FIRE

AFTER SERVICING CHECK FOR GAS SOUNDNESS

AT LEAST ONCE A YEAR CHECK FOR DEBRIS

IF SOOT HAS ACCUMULATED CHECK TO ESTABLISH CAUSE AND RECTIFY IF NECESSARY CLEAN FLUE OR CHIMNEY ACCORDINGLY

EXAMINE THE FUEL FOR SIGNS OF CRACKING AND REPLACE IF NECESSARY. SEE FUEL LAYOUT PROCEDURE BEFORE ATTEMPTING TO REPLACE FUEL WHICH SHOULD ONLY BE REPLACED AS A COMPLETE SET WITH NO EXTRA FUEL ADDED.

1 REMOVAL OF FUEL PIECES

REMOVE LOOSE FUEL PIECES

REMOVE FRONT FIBRE BASE

REMOVE MAIN FIBRE BASE

2 REPLACEMENT OF GAS CONTROL

REMOVE FUEL SET AS 1

DISCONNECT FIRE AT INLET ELBOW

REMOVE FIRETRAY BY UNSCREWING TWO SCREWS AT FRONT BOTTOM SECTION OF FIRE TRAY

REMOVE CONTROL KNOB, DISCONNECT GAS CONNECTIONS TO VALVE INCLUDING PILOT CONNECTION AND THERMOCOUPLE CONNECTION
REMOVE LOCKNUT HOLDING GAS CONTROL TO FRONT BOTTOM SECTION .

RE ASSEMBLE IN REVERSE ORDER

TURN ON GAS SUPPLY. CHECK FOR SOUNDNESS AND RE COMMISSION APPLIANCE

3 REPLACEMENT OF INJECTOR

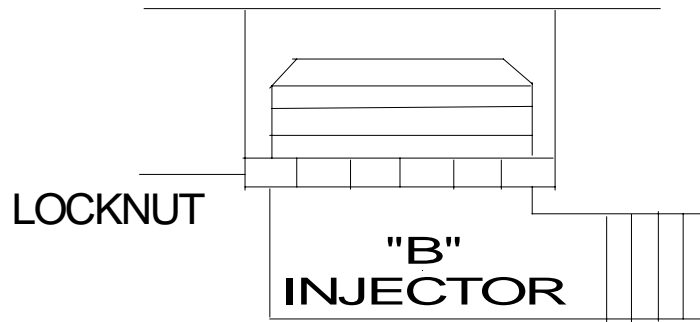
REMOVE FUEL PIECES SEE 1

REPEAT 2 REMOVE GAS CONTROL

DISCONNECT GAS CONNECTION TO INJECTOR

UNSCREW INJECTOR "B" WHILST AT THE SAME TIME HOLDING LOCKNUT WITH A SPANNER AND CLEAN OR REPLACE.

SEE DIAGRAM BELOW.



RE ASSEMBLE IN REVERSE ORDER
 TURN ON GAS SUPPLY. CHECK FOR SOUNDNESS AND RECOMMISSION
 THE FIRE.

REPLACEMENT OXY PILOT ASSEMBLY

DISCONNECT FIRE AT INLET ELBOW
 REMOVE FIRETRAY
 DISCONNECT THERMOCOUPLE AT GAS VALVE
 DISCONNECT GAS CONNECTION FROM PILOT ASSEMBLY
 REMOVE IGNITOR LEAD FROM PILOT ASSEMBLY
 UNDO SCREWS SECURING OXY PILOT TO FIRETRAY
 RE-ASSEMBLE IN REVERSE ORDER
 TURN ON GAS SUPPLY, CHECK FOR SOUNDNESS AND RE-COMMISSION
 APPLIANCE

CLEANING

BEFORE CLEANING ANY PART OF THE FIRE ,ENSURE THAT THE GAS IS
 TURNED OFF AND FIRE IS COOL.

BLACK PAINT.

USE ONLY CLEAN DAMP CLOTH ,DO NOT USE ANY CLEANING AGENTS

IMPORTANT

THE PAINT AND STAINLESS FINISH ARE DURABLE BUT WILL BE
 DAMAGED IF PLASTER,CEMENT,OR WALLPAPER PASTE COMES IN
 CONTACT WITH IT

IF FOR ANY REASON IT IS NECESSARY TO REMOVE CERAMIC
 PARTS,THEN BEFORE REPLACEMENT THE BURNER SHOULD BE
 CHECKED THAT NO PARTICLES HAVE DEPOSITED ON THE BURNER
 AND IF NECESSARY VACUUM THEM CAREFULLY,WITH A SOFT BRUSH
 ATTACHMENT THEN REFER TO INSTRUCTIONS FOR REPLACING
 CERAMICS.

INSTALLER SPARE PARTS

FUEL BED	SAPHW001	MAIN MATRIX	SAPH002
FRONT FIBRE	SAPH 003	INSTUCTIONS	SAPH 004
ODS COMPLETE	SAPH 005		
GAS VALVE	SAPH006		
INJECTOR	SAPH007	CAT 82/380	



1 VALENTINES BUILDINGS
BECHERS DRIVE
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DECORATIVE FUEL EFFECT GAS FIRE

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G20 AT 20mbar
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USERS INSTUCTIONS

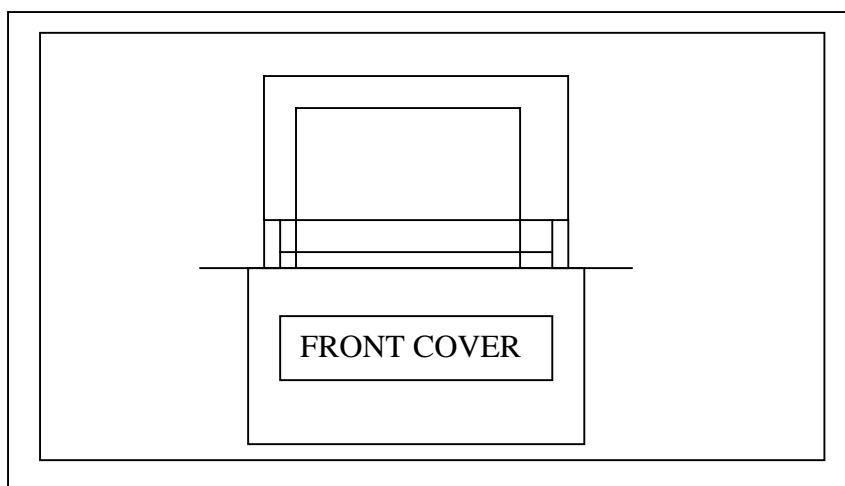
USERS INSTRUCTIONS FOR SAPHIRE GAS APPLIANCE

YOUR SAPHIRE GAS APPLIANCE IS A DECORATIVE LIVE FUEL EFFECT GAS FIRE ,DUE TO ITS NEWNESS THE FIRE MAY GIVE OFF SLIGHT SMELL FOR A SHORT PERIOD AFTER INSTALLATION .THIS IS QUITE NORMAL AND WILL DISAPPEAR AFTER A FEW HOURS OF OPERATION. THE APPLIANCE TO WHICH THESE INSTRUCTIONS APPLY MUST BE INSTALLED BY A COMPETENT PERSON(EG. A C.O.R.G.I MEMBER IN ACCORDANCE WITH THE CURRENT EDITION OF THE GAS SAFETY INSTALLATIONS AND USE REGULATIONS OR THE RULES IN FORCE) APPROVED BY THE HEALTH AND SAFETY EXECUTIVE AND MUST BE IN ACCORDANCE WITH THE INSTALLATION AND SERVICING INSTUCTIONS SUPPLIED.

SERVICING SHOULD BE CARRIED OUT REGULARLY BY A COMPETENT PERSON (EG A C.O.R.G.I MEMBER)IN ACCORDANCE WITH THE CURRENT EDITION OF THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS OR THE RULES IN FORCE.TO ENSURE THE CORRECT AND SAFE OPERATION OF THE APPLIANCE .DEBRIS SHOULD ALSO BE REMOVED FROM BEHIND THE APPLIANCE AT REGULAR INTERVALS.

BEFORE INSTALLATION OF THE APPLIANCE THE CHIMNEY MUST BE SWEPT AND THEN INSPECTED REGURLARLY TO ENSURE THAT IT REMAINS FREE OF OBSTRUCTION.

A FIRE GUARD COMPLYING TO BS8423 ,MUST BE FITTED IF THE ROOM WILL BE OCCUPIED BY YOUNG CHILDREN THE ELDERLY ,OR INFIRM PEOPLE. ON NO ACCOUNT MUST ANY RUBBISH BE THROWN ON TO THE FIRE OR THE LAYOUT OF THE FIREBED DISTURBED.



THE FRONT COVER SLIDES FORWARD TO GET ACCESS TO GAS VALVE

OPERATING INSTRUCTIONS.

THE APPLIANCE DATA BADGE IS POSITIONED ON THE FRONT BOTTOM SECTION OF THE APPLIANCE AND CARRIES THE CONTROL KNOB POSITIONS.THE FULL LIGHTING PROCEDURE IS AS FOLLOWS.

- 1.PUSH CONTROL KNOB IN AS FAR AS POSSIBLE ON GAS CONTROL
- 2.TURN KNOB ANTICLOCKWISE TO IGNITION POSITION STILL KEEPING KNOB IN AS FAR AS POSSIBLE.
- 3.THE IGNITION BUTTON WILL IGNITE THE PILOT WITH THIS OPERATION **KEEP THE KNOB PRESSED IN FOR 15 SECONDS**.IF THE PILOT FAILS TO LIGHT TURN THE CONTROL KNOB CLOCKWISE TO THE OFF POSITION, WAIT 3 MINUTES AND REPEAT THE PROCEDURE
- 4.WHEN THE PILOT FLAME IS ALIGHT THE CONTROL KNOB SHOULD BE ALLOWED TO SPRING OUT SLIGHTLY.TURN THE KNOB FULLY ANTICLOCKWISE TO THE HIGH POSITION.THE PILOT FLAME WILL THEN IGNITE THE MAIN BURNER.THE PILOT FLAME CAN BE VIEWED TO THE RIGHT OF THE FIRE JUST BEHIND THE FRONT LOG SET
- 5.THE APPLIANCE CAN BE ADJUSTED BETWEEN HIGH AND LOW BY MOVING THE CONTROL KNOB TO SUIT,THE KNOB WILL NEED TO BE DEPRESSED SLIGHTLY TO MOVE FROM LOW HIGH AND IGNITION.
- 6.TO TURN THE FIRE OFF,DEPRESS THE KNOB SLIGHTLY AND TURN IT TO PILOT POSITION.
- 7.TO COMPLETELY EXTINGUISH THE FIRE DEPRESS THE KNOB SLIGHTLY AND TURN TO OFF POSITION.
- 8.SHOULD THE SPARK IGNITION FAIL TO OPERATE.TURN THE CONTROL KNOB TO THE OFF POSITION AND WAIT 3 MINUTES.TURN THE KNOB TO THE IGNITION POSITION AND THEN LIGHT THE PILOT WITH A TAPER."LIGHTING THE PILOT WITH A TAPER IS AN EMERGENCY MEASURE ONLY AND THE APPLIANCE SHOULD BE SERVICED AS SOON AS POSSIBLE".AND THEN PROCEED AS STATED IN PARAGRAPHS 2/7.

IMPORTANT .THIS APPLIANCE IS FITTED WITH AN OXYGEN DEPLETION SENSOR INCORPORATED INTO THE PILOT BODY.SHOULD THE FIRE REEATEDLY EXTINGUISH ITSELF THEN SPECIALIST ADVISE SHOULD BE SOUGHT,AS THIS MAY INDICATE SPILLAGE INTO THE ROOM OF COMBUSTION PRODUCTS.

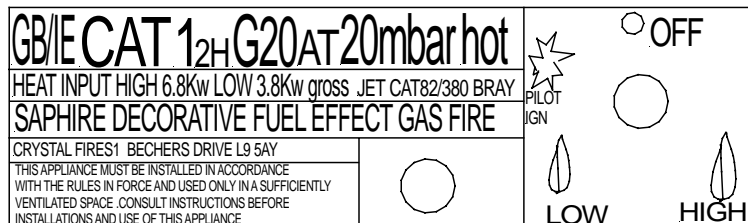


FIG 1

CLEANING

BEFORE CLEANING ANY PART OF THE FIRE ,ENSURE THAT THE GAS IS TURNED OFF AND FIRE IS COOL.

IMPORTANT

THE PAINT AND STAINLESS FINISH ARE DURABLE BUT WILL BE DAMAGED IF PLASTER,CEMENT,OR WALLPAPER PASTE COMES IN CONTACT WITH IT

COALS AND CERAMICS

IF FOR ANY REASON IT IS NECESSARY TO REMOVE CERAMIC PARTS, THEN BEFORE REPLACEMENT THE BURNER SHOULD BE CHECKED THAT NO PARTICLES HAVE DEPOSITED ON THE BURNER AND IF NECESSARY VACUUM THEM CAREFULLY WITH A SOFT BRUSH ATTACHMENT , THEN REFER TO INSTRUCTIONS FOR REPLACING CERAMICS.

CERAMICS SHOULD BE CLEANED WITH A SOFT BRUSH

FUEL BED LAYOUT

PERIODICALLY SMALL DEPOSITS OF SOOT MAY GATHER ON THE FUEL BED AND BURNER, THIS MUST BE REMOVED BY REMOVING FUEL AND BRUSHING ANY DEPOSITS WITH A SOFT BRUSH AND VACUUMING THE BURNER, THEN REPLACE FUEL USING THE FOLLOWING PROCEDURE.

ONLY USE FUEL PIECES STATED IN LAYOUT



THE FRONT FIBRE COMES INSTALLED IN THE APPLIANCE. AND THE REAR MATRIX FITS BEHIND , ENSURE FLAT AND FLUSH TO LOCATING POINTS AS SHOWN



THE SEVEN ROUND FUEL PIECES SIT WITH FLAT BASES DOWN, THE FUEL PIECES ARE LEVEL WITH THE FRONT FIBRE AND DO NOT OVERLAP ON TO THE BURNER. THEY ARE PLACED ON TOP OF LOCATING PINS **SHOWN ON PREVIOUS PICTURE** (slot corresponds on underneath of fuel piece)



REAR CURVED FIBRE FITS
CENTRALLY AS SHOWN
ENSURE CUT OUTS ON BOTH SIDES
ARE VISIBLE AS SHOWN TO
ENSURE CORRECT PLANE



THE TWO SMALL FUEL PIECES
SIT HORIZONTAL ON LEFT AND
RIGHT AS SHOWN
BETWEEN ROUND FUEL PIECES
AND REAR MATRIX



FRONT FUEL PIECE SITS ON ROUND
FUEL PIECES WITH BRANCH LOOKING
TO REAR AND TOUCHING RIGHT
PILLAR ON REAR MATRIX.
IT IS POSITIONED HORIZONTAL
BETWEEN THE TWO SMALL PIECES
ON LEFT AND RIGHT



LEFT SMALL LOG PIECE FITS ON ANGLE JOINING REAR CURVED LOG PIECE AND FRONT FUEL PIECE AS SHOWN
ENSURE BRANCH IS TO THE REAR



CENTRE TOP FUEL PIECE SITS TO RIGHT OF LEFT TOP PIECE
THIS TIME BRANCH IS TO THE FRONT AS SHOWN
THERE SHOULD BE A GAP OF 20mm BETWEEN THE TWO TOP BRANCH FUEL PIECES



RIGHT TOP FUEL PIECE SITS TO THE RIGHT OF THE CENTRE TOP PIECE THIS TIME WITH BRANCH TO REAR AS SHOWN
AGAIN THE RIGHT BRANCH FUEL PIECE SHOULD HAVE A GAP OF 20mm BETWEEN IT AND CENTRE FUEL PIECE



THE APPLIANCE MAY BE LIT WITH A TAPER IF THE IGNITION FAILS ,POSITION TAPER AS SHOWN AND OPERATE THE APPLIANCE AS NORMAL THEN SEEK ADVISE TO HAVE THE FAULT REPAIRED FROM A CORGI APPROVED ENGINEER

taper

CUSTOMER SPARE PARTS

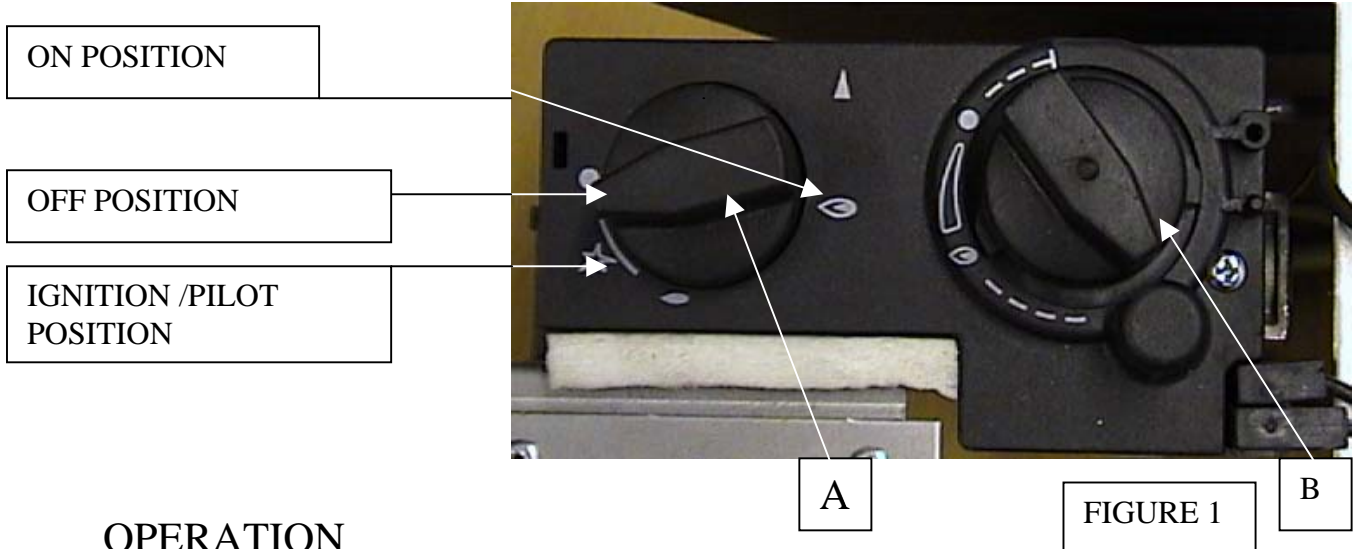
FUEL BED SAPH001
FRONT FIBRE SAPH 003

MAIN MATRIX SAPH002
INSTUCTIONS SAPH004

MERTIK MAXITROL REMOTE CONTROL SYSTEM

ADDITIONAL INSTRUCTIONS

THESE INSTRUCTIONS ARE FOR THE USE ON CRYSTAL FIRES REMOTE CONTROL RANGE OF GAS FIRES



OPERATION

LIGHTING PROCEDURE

1. TURN KNOB A (FIGURE 1) SLIGHTLY LEFT TOWARDS THE IGNITION POSITION(SHOWN IN FIG 1 ABOVE) UNTIL REACHING STOP,PRESS DOWN AND HOLD FOR FIVE SECONDS
(ONLY PILOT GAS FLOWS)
2. CONTINUE PRESSING DOWN KNOB A WHILE TURNING FURTHER LEFT TO ACTIVATE PIEZO,CONTINUE TO HOLD DOWN FOR 10 SECONDS AFTER PILOT HAS BEEN LIT,IF PILOT DOES NOT LIGHT,STEPS 1 AND 2 CAN BE REPEATED IMMEDIATELY.
3. UPON LIGHTING,RELEASE KNOB A AND TURN FURTHER LEFT TO ON POSITION (SHOWN IN FIGURE 1 ABOVE)PILOT GAS FLOWS AND MAIN BURNER FLOWS IN ACCORDANCE TO THE FLAME SETTING(KNOB B AS SHOWN IN FIG 1 ABOVE)

ADJUSTING THE FLAME SETTINGS

TO TURN THE FIRE ON AND/OR TO ADJUST THE FLAME STTING, PRESS THE ON BUTTONS ON THE REMOTE HANDSET.CONTINUE PRESSING UNTIL DESIRED FLAME SETTING IS OBTAINED.PRESS AND HOLD THE OFF BUTTON TO REVERSE THE SETTING.THE RECEIVER IS EQUIPPED WITH A BUILT IN DELAY, RECOGNIZABLE BY THE FLICKERING LIGHT,TO FACILITATE FINE ADJUSTMENT OF THE FLAME
THE MOTORIZED VALVE IS EQUIPPED WITH A SLIP CLUTCH ,ALLOWING MANUAL ADJUSTMENT OF MAIN GAS BY TURNING KNOB B

ON BUTTONS
TO PRESS THE ON BUTTON
YOU MUST PRESS THE 2
BUTTONS TOGETHER

OFF BUTTON



SHUT OFF PROCEDURE

- 1.TURN KNOB A RIGHT UNTIL REACHING STOP. IN THIS POSITION ONLY PILOT GAS FLOWS
- 2.TO SHUT OFF VALVE COMPLETELY,PRESS DOWN SLIGHTLY AND CONTINUE TURNING RIGHT FROM PILOT POSITION TO THE OFF POSITION.THE SAFETY INTERLOCK PREVENTS RE-IGNITION OF THE PILOT FLAME UNTIL THERMOCOUPLE HAS COOLED DOWN SUFFICIENTLY(ELAPSED TIME WILL VARY BASED ON THERMOCOUPLE TYPE)
- 3.SWITCHING OFF THE REMOTE IS NOT NECCESARY.



THE SENSOR AND BATTERY HOLDER A INSERTED BENEATH THE RIGHT SIDE OF THE FIRE.TO REPLACE BATTERIES ALLOW FIRE TO COOL FOR AT LEAST 30 MINUTES THEN PULL OUT BATTERY HOLDER, THE COVER CAN SLIDE OFF AS ABOVE AND THE BATTERIES CAN BE REPLACED.(USE ONLY LIKE FOR LIKE ALKALINE AA BATTERIES)

REPLACEMENT PARTS

BATTERY HOLDER AND SENSOR

CRYSMERTIKHOLDER

GAS VALVE

CRYSMERTIKVALVE

REMOTE HANDSET

CRYSMERTIKHANDSET

INSTALLATION INFORMATION

GAS SUPPLY: THE GAS CONNECTION CAN BE FROM EITHER THE LEFT OR RIGHT HAND SIDE OF THE FIRE.ENSURE THAT THE GAS PIPE DOES NOT PREVENT THE REMOVAL OF THE BATTERY HOLDER AND SENSOR OR ACCESS TO OPERATE THE GAS CONTROL KNOBS

MODIFIED TECHNICAL DATA

INJECTOR SIZES

SUPER HEATRAVE/SLIMLINE/RUBY/LAGOON CAT 82/460

SAPHIRE CAT 82/420

JEWEL CAT 82/500