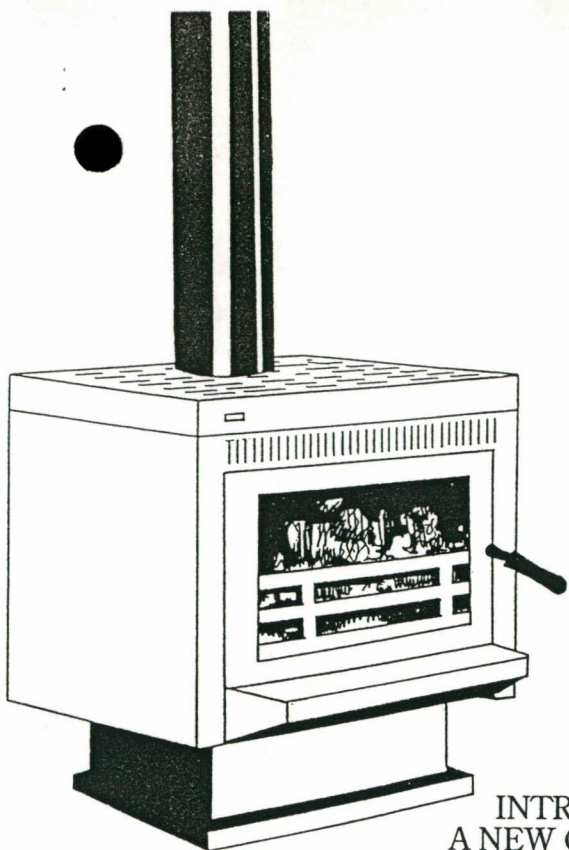


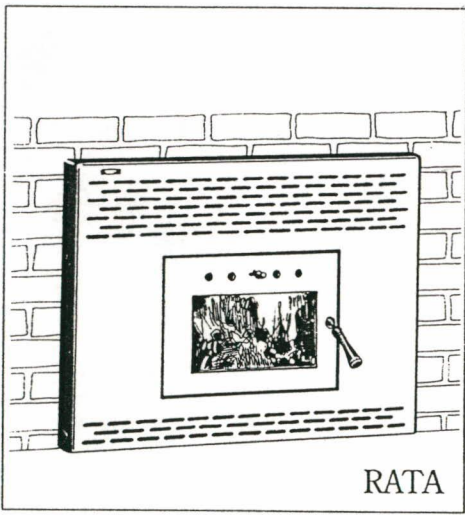


WOODSMAN

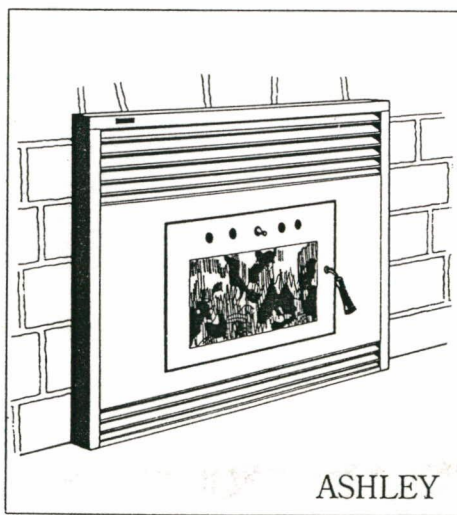
WOODSTOVES

SPECIFICATIONS

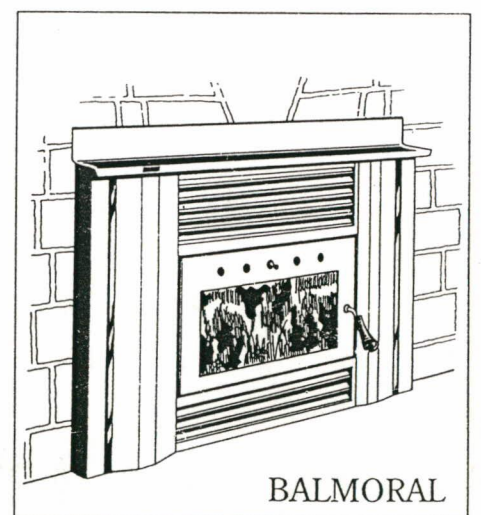
INTRODUCING 'MAGMA'
A NEW COAL BURNING STOVE
FROM WOODSMAN



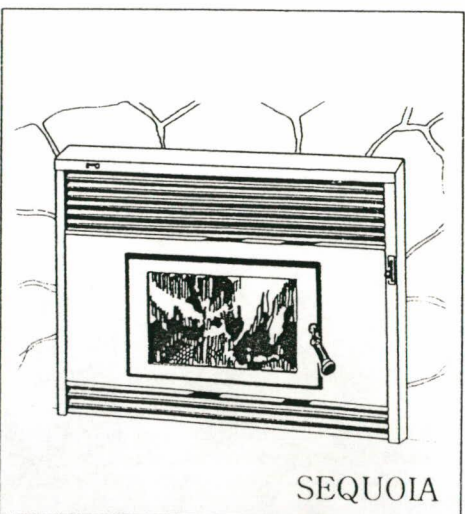
RATA



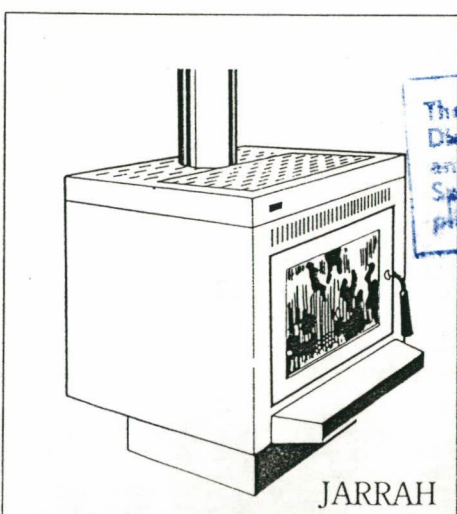
ASHLEY



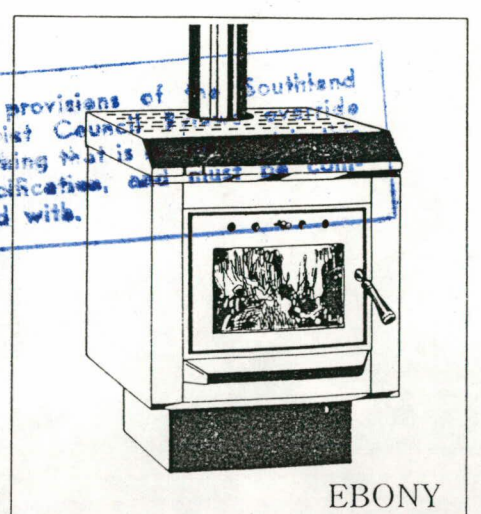
BALMORAL



SEQUOIA



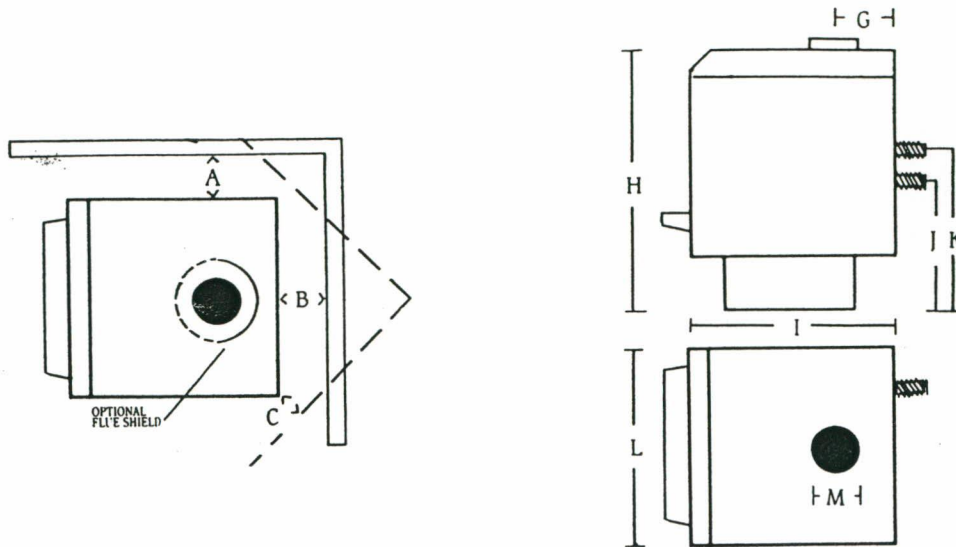
JARRAH



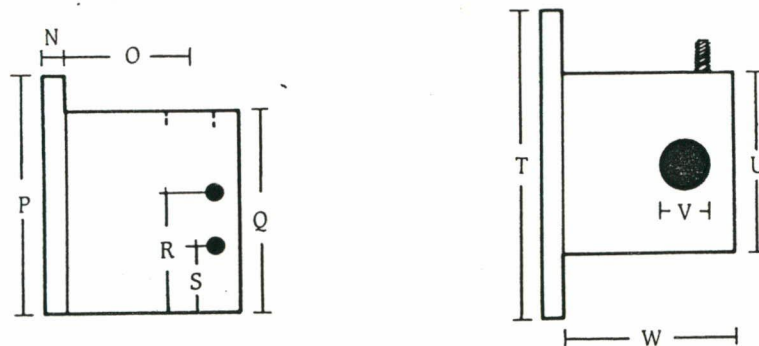
EBONY

The provisions of the Southland District Council By-law provide anything that is Specification, and must be complied with.

DIMENSIONS OF STOVE MODELS



DIMENSIONS OF INSERT MODELS



100 YEARS

WH HARRIS LTD

1887 - 1987

41 Braddon Street, P.O. Box 4043, Christchurch, New Zealand.
 Fax (03) 661-795. Telephone (03) 661-796
 From July 1992: Fax (03) 366-1795. Telephone (03) 366-1796

is provisions of the Southland
 District Council Bylaws override
 anything that is inconsistent in this
 Specification, and must be com-

B. L. RAYNER LTD
 199 SPEY ST, INVERCARGILL
 Phone 218-9552

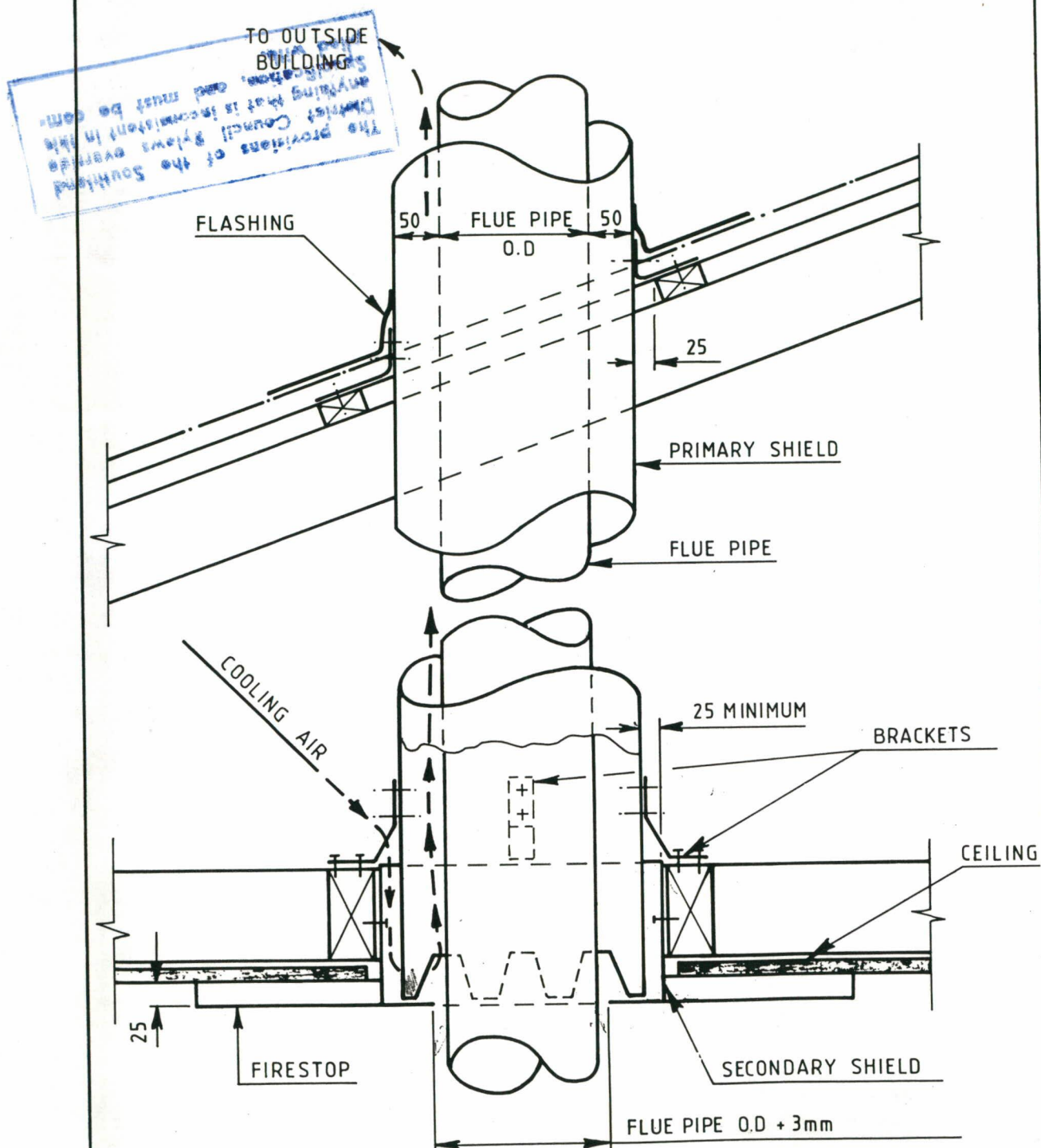
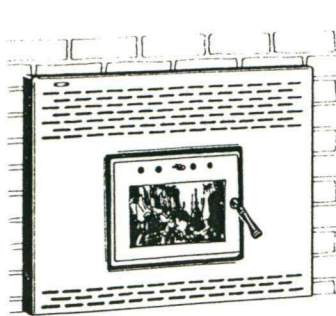
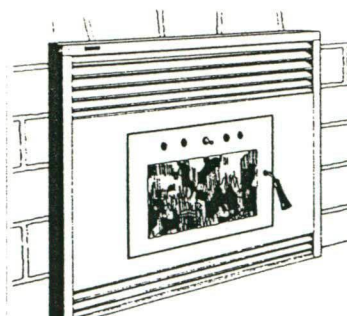


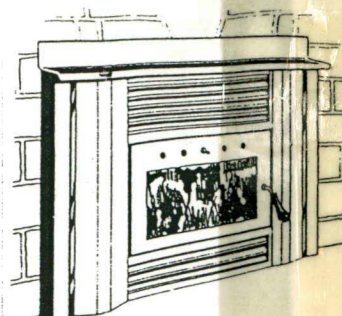
Fig. 6
SINGLE SHIELD WITH A SECONDARY SHIELD, COOLING AIR FROM
ATTIC SPACE



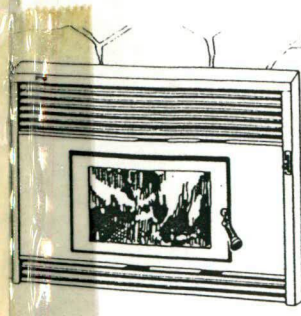
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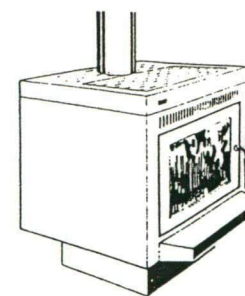
ASHLEY



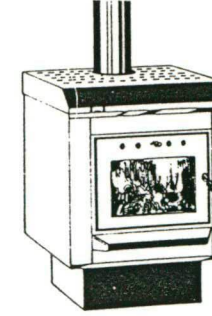
BALMORAL



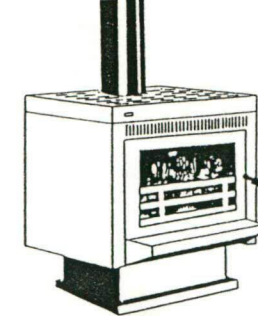
SEQUOIA



JARRAH



EBONY



MAGMA

FIREBOX MATERIAL	16g and 12g T321 stainless steel	16g and 12g T321 stainless steel	16g and 12g T321 stainless steel	3mm mild steel	3mm mild steel	16g and 12g T321 stainless steel	3mm mild steel and firebrick
FIREBOX DIMENSIONS	390mm dia x 400mm long	390mm dia x 400mm long	390mm dia x 400mm long	500mm x 420mm	500mm x 420mm	390mm dia x 400mm long	500mm x 420mm
SECONDARY COMBUSTION AIR	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment
MULTIFUEL CONVERSION	optional (no CAZ)	optional (no CAZ)	optional (no CAZ)	optional (no CAZ)	optional (no CAZ)	optional (no CAZ)	standard equipment
MAXIMUM LOG LENGTH / LOAD	400mm	400mm	400mm	500mm	500mm	400mm	9.5Kgs of coal
APPROXIMATE BURN TIME	up to 8 hours often longer	up to 8 hours often longer	up to 8 hours often longer	up to 8 hours often longer	up to 8 hours often longer	up to 8 hours often longer	up to 8 hours often longer
HEAT OUTPUT MAXIMUM	14.25Kw	14.25Kw	14.25Kw	14Kw	14Kw	14.25Kw	22Kw estimated
HEAT OUTPUT LOW AVERAGE	5.9Kw	5.9Kw	5.9Kw	6.8Kw	6.8Kw	5.9Kw	9Kw
EFFICIENCY MAXIMUM	73%	73%	73%	71%	71%	73%	not available
EFFICIENCY OVERALL AVERAGE	61%	61%	61%	59%	59%	61%	73% estimated
DOOR OPENING SIZE	330mm x 220mm	375mm x 220mm	375mm x 220mm	410mm x 235mm	410mm x 235mm	330mm x 220mm	410mm x 235mm
GLASS AREA	499 sq cm	642 sq cm	642 sq cm	940 sq cm	940 sq cm	499 sq cm	940 sq cm
GLASS MATERIAL	5mm Robax ceramic	5mm Robax ceramic	5mm Robax ceramic	5mm Robax ceramic	5mm Robax ceramic	5mm Robax ceramic	5mm Robax ceramic
HOT WATER BOOSTER OUTPUT	up to 1.2Kw	up to 1.2Kw	up to 1.2Kw	up to 1Kw	up to 1Kw	up to 1.2Kw	up to 3Kw estimated
HOT WATER BOOSTER MATERIAL	25mm copper tube	25mm copper tube	25mm copper tube	25mm and 15mm copper tube	25mm and 15mm copper tube	25mm copper tube	18g copper tank
CONTROLS	single slide in door	single slide in door	single slide in door	single lever right hand side	single knob right hand side	single slide in door	single knob lower right front
FLUE DIAMETER	125mm	125mm	125mm	125mm	125mm	125mm	150mm
FLUE MATERIAL	24g T304 stainless steel	24g T304 stainless steel	24g T304 stainless steel	24g T304 stainless steel	22g mild steel vitreous enamelled	22g mild steel vitreous enamelled	24g T304 stainless steel
HEIGHT OF STANDARD FLUE KIT	5 x 900mm flues	5 x 900mm flues	5 x 900mm flues	5 x 900mm flues	4 x 900mm flues	4 x 900mm flues	4 x 900mm flues
CONVECTION BOOSTER FAN	optional	optional	optional	optional	not available	not available	not available
TESTING NZS 7401 (1985)	passed	passed	passed	passed	passed	passed	passed
NZS 7421 (1990)	passed	passed	passed	passed	passed	passed	passed
NZS 7421 APPENDIX J	passed for zero clearance	passed for zero clearance	passed for zero clearance	passed for zero clearance	not applicable	not applicable	not applicable
CLEAN AIR TESTING	passed, 23.1 grams/hour	passed, 23.1 grams/hour	passed, 23.1 grams/hour	passed, 13.9 grams/hour	passed, 13.9 grams/hour	passed, 23.1 grams/hour	not tested
APPLIANCE WEIGHT	42Kg	42Kg	46Kg	83Kg	80Kg	43Kg	109Kg
APPLIANCE VOLUME	0.24 cubic metres	0.24 cubic metres	0.26 cubic metres	0.31 cubic metres	0.26 cubic metres	0.25 cubic metres	0.29 cubic metres
FLUE KIT WEIGHT	17Kg	17Kg	17Kg	17Kg	22Kg	22Kg	23Kg
FLUE KIT VOLUME	0.17 cubic metres	0.17 cubic metres	0.17 cubic metres	0.17 cubic metres	0.17 cubic metres	0.17 cubic metres	0.25 cubic metres
COOKING FACILITY	not applicable	not applicable	not applicable	not applicable	standard equipment	warming only	standard equipment
COLOUR CHOICES	1	3	3	3	5	2	5
POKER	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment	standard equipment
WARRANTY 5 YEAR	standard	standard	standard	standard	standard	standard	standard
WARRANTY 10 YEAR	optional	optional	optional	optional	optional	optional	optional
MINIMUM HEARTH SIZE	935mm wide x 265mm deep	935mm wide x 265mm deep	1025mm wide x 265mm deep	1025mm wide x 330mm deep	930mm wide x 902mm deep	845mm wide x 745mm deep	930mm wide x 675mm deep
MINIMUM HEARTH THICKNESS	not applicable	not applicable	not applicable	not applicable	40mm concrete (or equivalent)	25mm Rockboard (or equivalent) tiled	40mm concrete (or equivalent)
MINIMUM CLEARANCES FROM COMBUSTIBLES							
SIDE OF WOODSTOVE TO WALL	A				250mm (bare flue) 225mm (shielded flue)	275mm (bare or shielded flue)	430mm (bare flue) 330mm (shielded flue)
BACK OF WOODSTOVE TO WALL	B				275mm (bare flue) 100mm (shielded flue)	405mm (bare flue) 150mm (shielded flue)	400mm (bare flue) 200mm (shielded flue)
REAR CORNER OF WOODSTOVE TO WALL	C				100mm (bare flue) 50mm (shielded flue)	250mm (bare flue) 50mm (shielded flue)	245mm (bare flue) 145mm (shielded flue)
DIMENSIONS (STOVE MODELS) Refer to drawings on back page							
CENTRE FLUE TO BACK	G				140mm	145mm	135mm
OVERALL HEIGHT	H				635mm	715mm	682mm
OVERALL DEPTH	I				477mm	545mm	475mm
LOWER PLUMBING FITTING TO FLOOR	J				230mm	360mm	413mm
UPPER PLUMBING FITTING TO FLOOR	K				370mm	440mm	564mm
OVERALL WIDTH	L				630mm	545mm	625mm
DIAMETER OF FLUE SPIGOT	M				130mm	130mm	152mm
DIMENSIONS (INSERT MODELS) Refer to drawings on back page							
DEPTH OF FACIA PANEL	N	65mm	65mm	65mm	80mm		
FACIA PANEL TO CENTRE OF FLUE	O	335mm	335mm	335mm	245mm		
OVERALL HEIGHT OF FACIA	P	645mm	645mm	700mm	700mm		
HEIGHT OF FIREBOX CABINET	Q	575mm	575mm	575mm	580mm		
UPPER PLUMBING FITTING TO FLOOR	R	300mm	300mm	300mm	280mm		
LOWER PLUMBING FITTING TO FLOOR	S	170mm	170mm	170mm	140mm		
OVERALL WIDTH OF FACIA	T	835mm	835mm	925mm	925mm		
WIDTH OF FIREBOX CABINET	U	490mm	490mm	490mm	605mm		
DIAMETER OF FLUE SPIGOT	V	130mm	130mm	130mm	130mm		
DEPTH OF FIREBOX CABINET	W	455mm	455mm	455mm	400mm		

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