

UNIVIT

VITREOUS ENAMELLED CONNECTING FLUE PIPE

Manufactured and approved to
British Standard **BS6999:1989**

APPROVED BY



Two year product warranty

Univit is a high quality vitreous enamelled connecting flue system designed and **approved for use with all fuels including gas, oil, wood and approved solid fuels**

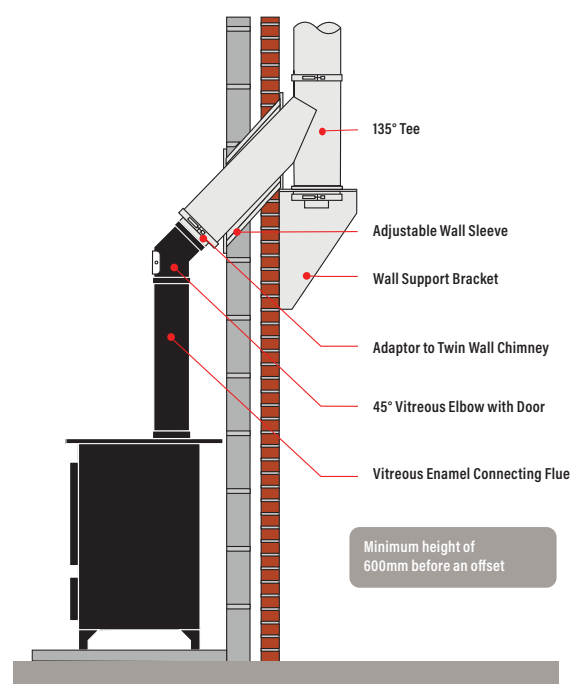
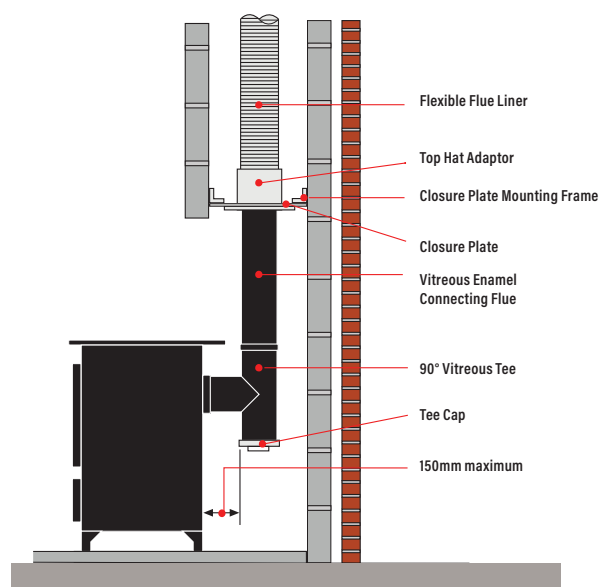
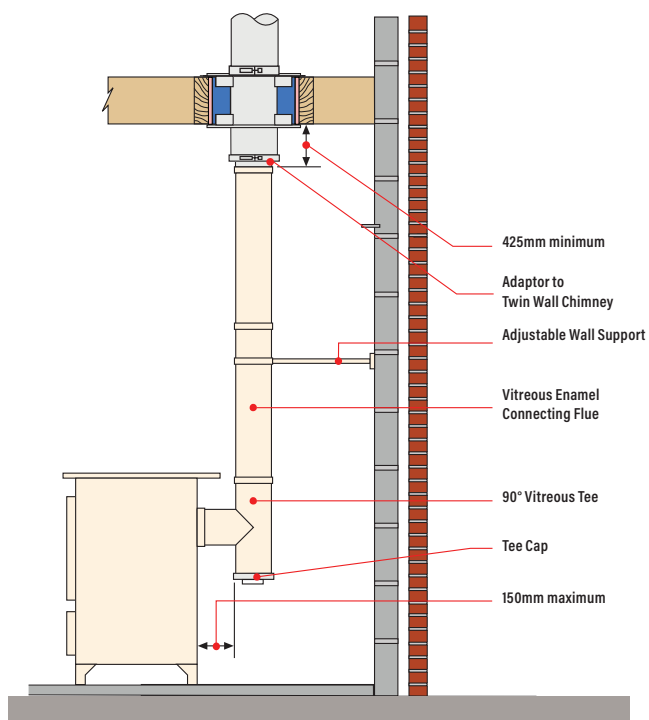


DOCHERTY

TRADE

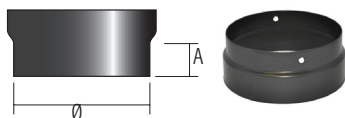


FUEL TYPE	Gas, oil and approved solid fuels
DIAMETER RANGE	100mm, 125mm, 150mm, 175mm, 200mm
INNER LINER MATERIAL	1.2mm low carbon mild steel
OUTER CASING MATERIAL	Enamel coating
JOINT METHOD	Push fit and locking band
DESIGNATIONS	BS EN 1856-2:2009 T600 N1 D VmL80170 G(800)
CE APPROVED	Yes
MAXIMUM OPERATING TEMPERATURE	450°C
WARRANTY	2 year product warranty



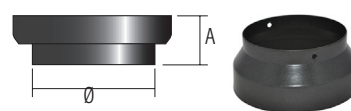
STARTING COMPONENTS

CUT LENGTH ADAPTOR



DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
	35MM	35MM	35MM	35MM	35MM
CODE	NV4*8004	NV5*8004	NV6*8004	NV7*8004	NV8*8004
PRICE	£25.06	£32.59	£34.76	£38.07	£40.15

INCREASER



DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")
	60MM	65MM	60MM	60MM
CODE	NV4*8002	NV5*8002	NV6*8002	NV7*8002
PRICE	£28.59	£31.80	£33.75	£37.75

LENGTHS

STRAIGHT LENGTHS

NOMINAL LENGTH	150MM	300MM	600MM	900MM	1000MM	1200MM
EFFECTIVE LENGTH (L)	110MM	260MM	560MM	860MM	960MM	1160MM
Ø100MM	NV4*2150	NV4*2030	NV4*2060	NV4*2090	NV4*2100	NV4*2120
	£25.98	£25.26	£33.87	£40.98	£44.91	£60.18
Ø125MM	NV5*2150	NV5*2030	NV5*2060	NV5*2090	NV5*2100	NV5*2120
	£25.98	£27.49	£34.66	£45.10	£47.13	£64.73
Ø150MM	NV6*2150	NV6*2030	NV6*2060	NV6*2090	NV6*2100	NV6*2120
	£30.93	£30.57	£39.21	£50.21	£52.07	£71.53
Ø175MM	NV7*2150	NV7*2030	NV7*2060	NV7*2090	NV7*2100	NV7*2120
	£34.28	£36.20	£50.07	£59.05	£65.27	£87.33
Ø200MM	NV8*2150	NV8*2030	NV8*2060	NV8*2090	NV8*2100	NV8*2120
	£38.28	£43.05	£56.02	£71.69	£77.16	£101.12



STRAIGHT LENGTHS WITH DOOR

NOMINAL LENGTH	300MM	600MM	900MM	1000MM	1200MM
EFFECTIVE LENGTH (L)	260MM	560MM	860MM	960MM	1160MM
Ø100MM	NV4*3030	NV4*3060	NV4*3090	NV4*3100	NV4*3120
	£42.98	£48.09	£58.16	£59.84	£74.66
Ø125MM	NV5*3030	NV5*3060	NV5*3090	NV5*3100	NV5*3120
	£43.83	£49.79	£59.57	£61.93	£79.15
Ø150MM	NV6*3030	NV6*3060	NV6*3090	NV6*3100	NV6*3120
	£45.44	£53.21	£64.66	£67.04	£85.98
Ø175MM	NV7*3030	NV7*3060	NV7*3090	NV7*3100	NV7*3120
	£53.20	£64.12	£78.47	£77.46	£100.94
Ø200MM	NV8*3030	NV8*3060	NV8*3090	NV8*3100	NV8*3120
	£59.31	£69.79	£84.58	£92.23	£115.19

NOTE: * INSERT FINISH CODE. (B) GLOSS BLACK (W) GLOSS WHITE (M) MATT BLACK



SINGLE WALL FLUE & CHIMNEY UNIVIT

TELESCOPIC LENGTHS

NOMINAL LENGTH	340MM - 550MM
EFFECTIVE LENGTH (L)	300MM - 510MM
Ø100MM	NV4*4030 £58.31
Ø125MM	NV5*4030 £64.01
Ø150MM	NV6*4030 £71.53
Ø175MM	NV7*4030 £81.66
Ø200MM	NV8*4030 £91.81



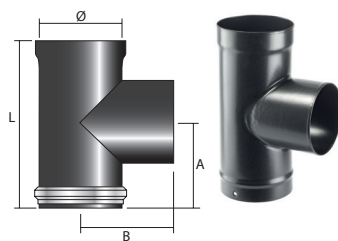
TELESCOPIC LENGTHS (INNER ONLY)

NOMINAL LENGTH	300MM	600MM
EFFECTIVE LENGTH (L)	60MM - 250MM	60MM - 550MM
Ø100MM	NV4*4130 £25.26	NV4*4160 £33.87
Ø125MM	NV5*4130 £27.49	NV5*4160 £37.53
Ø150MM	NV6*4130 £30.57	NV6*4160 £39.21



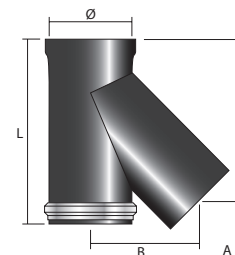
NOTE: * INSERT FINISH CODE. (B) GLOSS BLACK (W) GLOSS WHITE (M) MATT BLACK

ELBOW & TEES



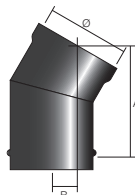
90° TEE

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
HEIGHT (L)	298MM	298MM	298MM	298MM	348MM
CENTRE (A)	150MM	150MM	150MM	150MM	174MM
OFFSET (B)	124MM	140MM	152MM	163MM	175MM
CODE	NV4*5090	NV5*5090	NV6*5090	NV7*5090	NV8*5090
PRICE	£73.46	£77.41	£82.03	£98.73	£123.10



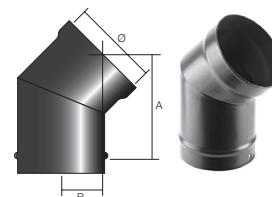
135° TEE

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
HEIGHT (L)	305MM	328MM	335MM	400MM	430MM
CENTRE (A)	237MM	259MM	296MM	318MM	350MM
OFFSET (B)	141MM	156MM	191MM	209MM	234MM
CODE	NV4*5045	NV5*5045	NV6*5045	NV7*5045	NV8*5045
PRICE	£86.42	£87.45	£92.04	£98.92	£139.50



30° ELBOW

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
HEIGHT (L)	172MM	182MM	202MM	186MM	220MM
CENTRE (A)	40MM	41MM	42MM	43MM	49MM
OFFSET (B)	NV4*6030	NV5*6030	NV6*6030	NV7*6030	NV8*6030
PRICE	£46.27	£51.21	£55.49	£72.90	£84.81



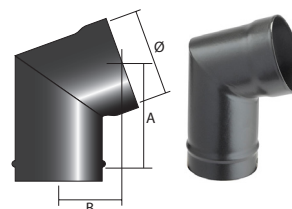
45° ELBOW

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
A	146MM	169MM	182MM	196MM	209MM
B	56MM	65MM	68MM	70MM	74MM
CODE	NV4*6045	NV5*6045	NV6*6045	NV7*6045	NV8*6045
PRICE	£46.27	£51.21	£55.49	£72.90	£84.81



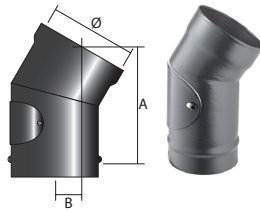
90° ELBOW

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
A	135MM	138MM	155MM	171MM	185MM
B	121MM	124MM	132MM	138MM	158MM
CODE	NV4*6090	NV5*6090	NV6*6090	NV7*6090	NV8*6090
PRICE	£49.23	£53.85	£58.09	£76.08	£89.69



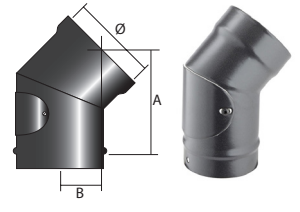
110° ELBOW

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")
A	140MM	159MM	177MM
B	87MM	92MM	107MM
CODE	NV4*6110	NV5*6110	NV6*6110
PRICE	£46.27	£51.21	£55.49



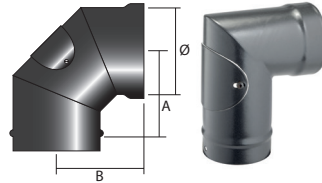
30° ELBOW WITH DOOR

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
A	172MM	182MM	202MM	186MM	220MM
B	40MM	41MM	42MM	43MM	49MM
CODE	NV4*7030	NV5*7030	NV6*7030	NV7*7030	NV8*7030
PRICE	£53.21	£59.37	£63.64	£76.72	£90.60



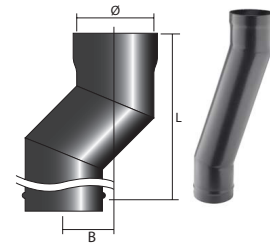
45° ELBOW WITH DOOR

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
A	146MM	169MM	182MM	196MM	209MM
B	56MM	65MM	68MM	70MM	74MM
CODE	NV4*7045	NV5*7045	NV6*7045	NV7*7045	NV8*7045
PRICE	£53.21	£59.37	£63.64	£76.72	£90.60



90° ELBOW WITH DOOR

DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
A	121MM	124MM	132MM	138MM	158MM
B	135MM	138MM	155MM	171MM	185MM
CODE	NV4*7090	NV5*7090	NV6*7090	NV7*7090	NV8*7090
PRICE	£67.04	£71.97	£77.29	£92.32	£101.72



DOUBLE 45 OFFSET (MATT BLACK ONLY)

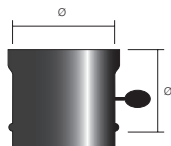
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")
L	558MM	558MM	558MM
B	100MM	100MM	100MM
CODE	NV4M0FF	NV5M0FF	NV6M0FF
PRICE	TBA	£86.84	£100.05

COLOURED COMPONENTS FOR HI FLAME ENAMELLED STOVE RANGE

IVORY	DESCRIPTION	PRICE
NV5I3060	5" HIFLAME IVORY 600MM LENGTH WITH DOOR	£114.44
NV5I2060	5" HIFLAME IVORY 600MM LENGTH	£50.56
NV5I2090	5" HIFLAME IVORY 900MM LENGTH	£112.20
NV5I6045	5" HIFLAME IVORY 45DEG ELBOW	£96.84
NV5I5090	5" HIFLAME IVORY 90DEG TEE+CAP AND JCB	£194.92
PEWTER		
NV5P3060	5" HIFLAME PEWTER 600MM LENGTH WITH DOOR	£114.44
NV5P2060	5" HIFLAME PEWTER 600MM LENGTH	£50.56
NV5P2090	5" HIFLAME PEWTER 900MM LENGTH	£112.20
NV5P6045	5" HIFLAME PEWTER 45DEG ELBOW	£96.84
NV5P5090	5" HIFLAME PEWTER 90DEG TEE+CAP AND JCB	£194.92

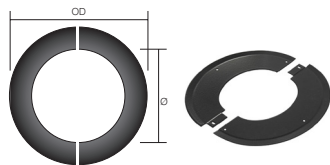
COMPONENTS

DAMPER UNIT ADAPTOR



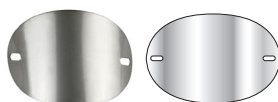
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")
L	115MM	115MM	115MM	115MM
CODE	NV4*4100	NV5*4100	NV6*4100	NV7*4100
PRICE	£45.82	£48.52	£53.41	£60.64

ROSETTE TRIM PLATE - TWO PIECE



DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
OD	202MM	202MM	222MM	280MM	280MM
CODE	NV4*8001S	NV5*8001S	NV6*8001S	NV7*8001S	NV8*8001S
PRICE	£29.41	£30.42	£31.90	£35.30	£36.78

MATT BLACK DOOR



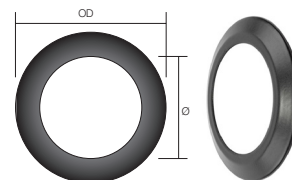
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
CODE	V4XB-MB	V5XB-MB	V6XB-MB	V7XB-MB	V8XB-MB
PRICE	£6.09	£6.46	£6.99	£7.71	£8.07

DOOR PAD



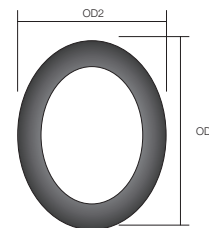
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
CODE	V4X-DP	V5X-DP	V6X-DP	V7X-DP	V8X-DP
PRICE	£0.85	£0.97	£1.06	£1.20	£1.29

ROSETTE TRIM PLATE - ONE PIECE



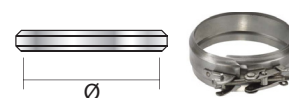
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
HEIGHT (L)	202MM	202MM	222MM	280MM	280MM
CODE	NV4*8001	NV5*8001	NV6*8001	NV7*8001	NV8*8001
PRICE	£17.07	£18.76	£20.49	£23.76	£26.39

45° ANGLED TRIM PLATE - TWO PIECE



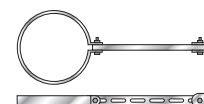
DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
OD1	211MM	246MM	282MM	324MM	350MM
OD2	170MM	195MM	220MM	250MM	270MM
CODE	NV4*8001A	NV5*8001A	NV6*8001A	NV7*8001A	NV8*8001A
PRICE	£33.90	£34.00	£38.54	£40.54	£42.82

DECORATIVE STAINLESS STEEL LOCKING BAND



DIAMETER (Ø)	100MM (4")	125MM (5")	150MM (6")	175MM (7")	200MM (8")
CODE	NV4X-JCBU	NV5X-JCBU	NV6X-JCBU	NV7X-JCBU	NV8X-JCBU
PRICE	£13.00	£13.00	£16.19	£17.17	£18.69

ADJUSTABLE WALL BRACKET



DIAMETER (Ø)	127MM 5"	152MM 6"	177MM 7"	203MM 8"
CODE	S5C5089	S6C5089	S7C5089	S8C5089
PRICE	£33.87	£35.08	£36.91	£39.10

WARRANTY

Univit is manufactured to the highest quality standards. Under normal operating conditions, Univit provides many years of reliable service and carries a 2 year conditional warranty depending on application, installation and maintenance.

The 2 year warranty covers any defect due to faulty manufacture; this is provided the system has been installed in accordance with the installation instructions and has been used for the purpose it was designed for. Furthermore, the system must be regularly cleaned, maintained and inspected (at least once per year and more regularly if the appliance is used continuously or frequently) by a qualified chimney sweep or HETAS approved engineer.

Written documentation to demonstrate the inspection and cleaning of the chimney by an appropriately qualified person must be kept to validate the two year warranty.

When burning solid fuel in your appliance, care should always be taken to use a high quality fuel. Only HETAS or SFA (Solid Fuel Association) approved fuels must be used with Univit.

For guidance on fuel choices please visit www.hetas.co.uk.

Under no circumstances should an appliance be located where there is the potential of chemical contamination of the combustion air.

A chimney fire will invalidate the warranty. In the event of a chimney fire it is always advisable to replace the complete chimney system.

INSTALLATION GUIDELINES

Univit must only be installed by a competent approved installer and in accordance with the installation instructions that are available on request.

Chimney and flue design

The chimney and flue design is the responsibility of the engineer or installer and should conform to the requirements of these instructions, the requirements of Approved Document J and, where appropriate, BS EN 15287 Part 1.

Any variation from these instructions and the standards will require the designer to ensure the performance of the chimney meets the requirements of the appliance by calculation using the methods given in BS EN 13384 Part 1 or any proprietary software program based on this standard.

Regulations and standards

The regulations and standards covering the design and installation of a flue pipe in the UK are as follows:

Building Regulations

England and Wales: Approved Document J – Combustion Appliances and Fuel Storage Systems

Scotland: Scottish Building Standards Technical Hand Book Section 3

Northern Ireland: Building Regulations Part L – Combustion Appliances and Fuel Storage Systems

Standards

BS EN 15287 Part 1 Chimneys. Design, installation and commissioning of chimneys Part 1: Chimneys for non-room sealed heating appliances.

BS EN 13384 Part 1: Chimneys. Thermal and fluid dynamic calculation methods.

Flue sizing

The sizing of flues for appliances should be based on the type of fuel and the appliance to be used.

Gas Appliances

In the case of gas appliances the Building Regulations Approved Document J table 5, the gas safety in use regulations and in all cases as required by the manufacturers' installation instructions.

Oil Appliances

Flues for oil appliances should be sized in accordance with the requirements of Approved Document J Paragraphs 4.4 and 4.5.

Solid Fuel Appliances

The size of flues for solid fuel appliances should be in accordance with the requirements of Approved Document J Paragraphs 2.4 to 2.7 and as given in table 2 of ADJ.

Univit must only be used to connect a heating appliance to a chimney and not as a flue liner within a chimney. It can only be used in the same room as the appliance and it must not be used to penetrate a wall or ceiling unless it is the wall of a masonry chimney breast.

All combustion appliances require adequate ventilation to operate correctly. Ventilation should be provided in accordance with Approved Document J or the appliance manufacturers' instructions, whichever is the greater.

The connecting flue pipe run should be studied and measured accurately to reduce the need for cutting lengths and reduce joints to a minimum.

All flues must have provision for cleaning and inspection both internally and externally. Where the chimney is to be swept through the connecting flue pipe then it is important to ensure a suitably sized and stiffness of brush for the flue in the chimney can pass through the pipe. If this is not the case then an additional cleaning access in the chimney will be required. If the sweeping of the chimney through the flue pipe will put strain on any of the joints, such as around bends and offsets, then additional bracketing of the connecting flue pipe will be required to avoid such damage.

Univit can be installed as close as required to non-combustible material, but should not be touching any wall or surface it is not going to be sealed and connected to. For solid fuel installations, Univit has to be positioned a minimum of three times its nominal diameter away from any combustible material. Where a shield is provided as required in Approved Document J then this distance can be reduced to 1.5 times the diameter. The shield must be of non-combustible material and have a minimum 12mm air gap between it and the combustible material it is shielding.

The best possible chimney system is straight and vertical at all times, but in some cases it is necessary to have an offset in a connecting flue pipe if the chimney and appliance outlet do not line up. If this is the case then a maximum of two bends of up to 45 degrees from the vertical are allowed in a connecting flue pipe.

The weight of any chimney system must not be borne by the flue pipe and it must be possible to remove the connecting flue pipe without the need to remove any other part of the flue or chimney.

The connecting flue pipe must be connected to the flue in the chimney using an appropriate adaptor. This will vary depending on the type of arrangement. The adaptor may be to a flexible twin wall stainless steel flue lining, rigid clay or concrete lining, factory made steel chimney system, or into an unlined chimney via a register plate.