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WT KNOWLES & SONS LIMITED
CLAY PIPE & CHIMNEY POT MANUFACTURERS

Chimney Pot Types

Clay Flue Terminals to BS EN 13502

Guidance on Type Identification of W T Knowles

Clay Chimney Pots and Flue Terminals

BS EN 13502:2002 – this is a harmonised European standard has a legal provision under the auspices of the European Construction Products Regulations (CPR)

BS EN 13502 defines certain designs of clay flue terminals as Type 0, Type 1 and Type 2

Type 0: Open- topped terminal with no flow restrictions

Type 1: Restricted flue terminal

Type 2: Restricted flue terminal (resistance factor not greater than 5)

Testing requirements:

- Clause 6: Tolerances on dimensions
- Clause 7: Acid resistance
- Clause 8: Freeze/thaw resistance
- Clause 9: Flow resistance

Type 0 terminals do not require aerodynamic (flow resistance) testing and may be designated “No performance determined” (NPD)

Type 1 and Type 2 terminals do require aerodynamic testing, preferably by an independent laboratory.

Type 0 terminals from WT Knowles are exclusively used on Solid Fuel applications

Type 1 terminals from WT Knowles are almost exclusively used on Solid Fuel applications except those terminals which, where designated, are used on Decorative Fuel Effect (DFE) applications.

Type 2 terminals from WT Knowles are exclusively used on Gas applications

This guide identifies which WT Knowles chimney pots and inserts correspond to the Types described in the standard.

A quick reference tabulated chart shows the applicable Type for each style of WT Knowles chimney pot and insert.

Chimney pots and inserts for use on redundant flues are not included in BS EN 13502 but for completeness they are shown in the tabulated chart with “N/A” (Not Applicable) in place of a Type Number.

Examples of each Type are shown for clarity.

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Chimney Pot Types

Description	Type	Description	Type	Description	Type
Solid Fuel		Solid Fuel (cont)		Redundant Flues	
Altham Pot	0	Ryburn Pot	0	Bishop Blanking Vent	N/A
Anti-Aircraft Pot	0	Saucer Pot	1	Bonnet Hood	N/A
Beehive Pots		Scullery Hooded Pot	1	Bradford Windguard Blanking Plug	N/A
Plain Beehive Pot	0	Scullery Pot	0	Cannon Head Pot Blank	N/A
Pocket Beehive Pot	0	Southport Pot	0	Flue Vent	N/A
Square Base Beehive Pot	0	Southport With Lift Pot	0	Flue Vent Square Base Flanged	N/A
Bishop Pots		Square Base Round Pot	0	Mushroom Hood	N/A
Leeds Bishop Pot	0	Square Base Sankey Pot	0	Mushroom Hood Square Base	
Little Bishop Pot	0	Straight Roll Top Pot	0	Flanged	N/A
Big Bishop Pot	0	Tall Boy Pot	0	Straight Roll Top Pot Blank	N/A
Round Base Leeds Bishop Pot	0	Tulip Tall Boy Pot	0	Solid Fuel Inserts	
Bradford Windguard Pot	0	Vortex Pot	0	Push In Hoods	
Cannon Head Pot	0	Square/Taper Pots		Flat Mushroom Push-In Hood	1
Carlisle Blowdown Pot or Barden		Hooded Square Pot	1	Large Mushroom Push-In Hood	1
Mill Pot	0	Large Square Taper Pot	0	Leeds Push-In Hood	1
Champion Pot	0	Plain Square Pot 2 Bead	0	Sankey Push-In Hood	1
Chimney Adaptor Square to		Plain Square Pot 3 Bead	0	Small Mushroom Push-In Hood	1
Round Insert	0	Quaker Pot	0	Taper Mushroom Push-In Hood	1
Crown Pot	0	Rectangular Plaque Pot	0	Taper Mushroom Push-In-Hood	
Double Beaded Pot	0	Square Beaded Pot	0	(Small Top)	1
Double Beaded Contemporary Pot	0	Square Panelled Pot	0	Taper Push-In Hood	1
Edwardian Pot	0	Square Spiked Pot	0	Push-In Tops & Inserts	
'H' Pots		Multi-Fuel		Bradford Windguard Push-In Top	0
Square Base 'H' Pot	0	Decorative Fuel Effect Pot	1	Bradford Windguard Push-On Top	0
Round Base 'H' Pot	0	DFE Insert With Cut Out		Hooded Leeds 3 Bowl Push-In Top	1
Round Base 'H' Pot (large)	0	205mm Spigot	1	Hooded Leeds 3 Bowl	
Push-In 'H' Pot	0	DFE Insert 205mm Spigot	1	Push-On Top	1
Push-On 'H' Pot	0	DFE Pot Push-On Top	1	Large Mushroom Push-On Top	1
Halifax 3 Bowl Pot	0	Gas Flue Terminals		Leeds 3 Bowl Push-In Top	0
Halifax Windguard Pot	0	Type tested & certified by BSI to BS EN		Leeds 3 Bowl Push-On Top	0
Hooded Halifax 3 Bowl Pot	1	I 3502:2002		Square Flat Mushroom Insert	1
Hooded Leeds 3 Bowl Pot	1	2 Piece Bishop Gas Terminal	2		
Kendal Pot	0	Bishop Gas Terminal	2		
Knight Pot	0	Crowned Gas Terminal	2		
Leeds 3 Bowl Pot	0	DFE Double Combi Gas Terminal	2		
Louvre Pot	0	DFE Double Gas Terminal	2		
Popular Pot	0	Gas Terminal	2		
Register Pot	0	Gas Terminal Leeds Bishop Sit On	2		
Ringed Top Cannon Head Pot	0	Gas Terminal Leeds Bishop			
Roll Top Pot	0	with Spigot	2		
Rook Pot	0	Gas Terminal Square Base Flanged	2		
Round Base Sankey Pot	0	Single Combi Gas Terminal	2		
Round Taper Pot	0	Large Round Flange Gas Terminal	2		

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Chimney Pot Types

Typical Examples of Type 0 Open-Topped Clay Flue Terminals



Round Base 'H' Pot
KYP54L



Roll Top Pot
KYMI7



Plain Square Pot - 3 Beads
KYQ20



Louvre Pot
KYP24



Square Base Round Pot
KSBRI

Type 0 clay flue terminals in accordance with BS EN 13502 are open-topped design characterised by the open-topped unrestricted flue gas flow path through the terminal.

Used on Solid Fuel applications.

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Chimney Pot Types

Typical Examples of Type I Restricted Clay Flue Terminals

Multi-Fuel (DFE)



**Decorative Fuel
Effect Pot
KYK10**

Solid Fuel



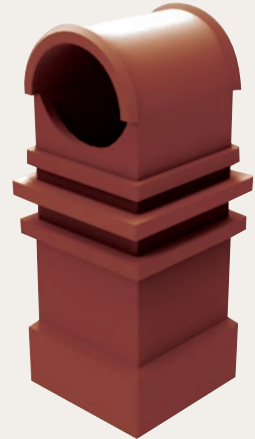
**Scully Hooded
Pot
KI041H**

Solid Fuel



**Hooded Leeds 3 Bowl
Pushin Pot
KLH4**

Solid Fuel



**Hooded Square Pot
KYQ20H**

Multi-Fuel (DFE)



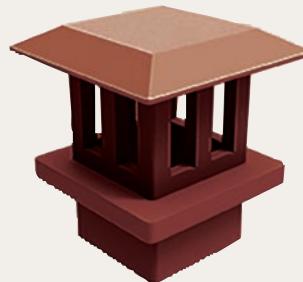
**DFE Insert with
Cutout 205mm Spigot
KYK185**

Multi-Fuel (DFE)



**DFE Insert 205mm
Spigot
KYK185**

Solid Fuel



**Square Flat
Mushroom Insert
KSFMI**

Solid Fuel



**Small Mushroom
Push-In Hood
KSMI**

Type I clay flue terminals in accordance with BS EN 13502 are characterised by a conventional flue gas flow path through the terminal but with either a flow diversion to the outlet or the outlet having an integral restriction such as a hood.

Used on Multi-Fuel (DFE) or Solid Fuel applications.

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Typical Examples of Type 2 Restricted Clay Flue Terminals



**Gas Terminal
KNO180**



**Single Combi Gas Terminal
KNOTC7**



**Square Base Flanged
Gas Terminal
KNO160SQF**



**DFE Double Gas Terminal
KNODFE4**



**DFE Double Combi
Gas Terminal
KNODFE5**

Type 2 clay flue terminals in accordance with BS EN 13502 are characterised by the restricted flue gas flow path through the terminal with the outlets having a total open area less than twice the cross-sectional area of the outlet flue.

Used on Gas Appliances.

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Typical Examples of Type 2 Restricted Clay Flue Terminals



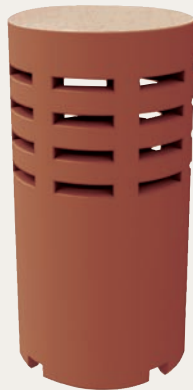
Crowned Gas Terminal
KNO180C



Bishop Gas Terminal
KNO300SQ



2 Piece Bishop Gas Terminal
KNO3PB



Leeds Bishop Sit On Gas Terminal
KNOLBGT



Leeds Bishop Gas Terminal
KNOLBGTI

Type 2 clay flue terminals in accordance with BS EN 13502 are characterised by the restricted flue gas flow path through the terminal with the outlets having a total open area less than twice the cross-sectional area of the outlet flue.

Used on Gas Appliances.

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