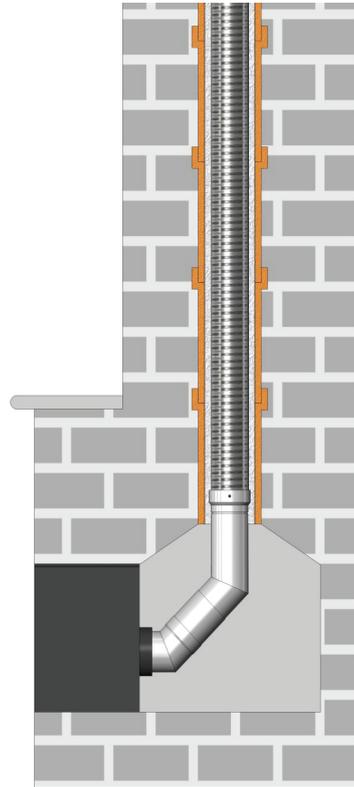
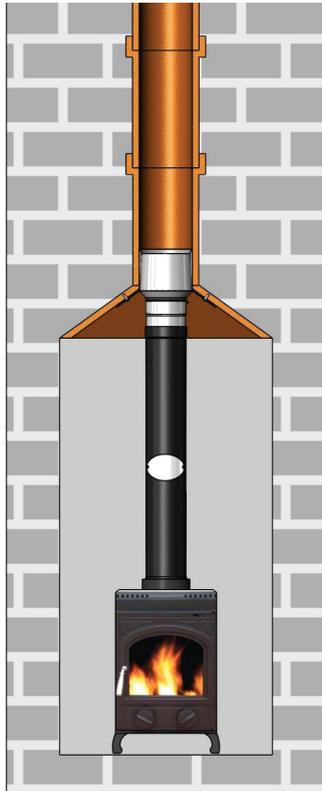
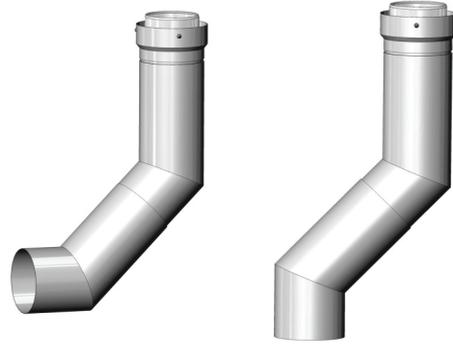




# Clay Adaptors & Insert Stove Kits

September 2014



C € 0120



# 316 Grade Clay Adaptors and Insert Stove Kits

## INTRODUCTION—CLAY ADAPTORS

Mi-Flues Clay Adaptors are specially developed products to ensure a hassle free connection from a connecting flue pipe (Mi-Flues System 1 or System 7) to a clay lined chimney system.

## PRODUCT DESCRIPTION

Mi-Flues Clay Adaptors are manufactured from a high quality 316 grade stainless steel. They have been specifically engineered to ensure years of trouble free use.

## APPROVALS

Mi-Flues Clay Adaptors are manufactured and conform to the following designation:  
EN1856-2 T450 N1 D Vm L50700 G (\*\*)  
\*\*3 x diameter of the flue

Mi-Flues Clay Adaptor Kits are manufactured and conform to the following designation:  
EN1856-2 T600 N1 D Vm L50100 G (\*\*)  
\*\*3 x diameter of the flue

## APPLICATION

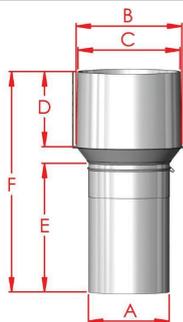
Mi-Flues Clay Adaptors are suitable for use on domestic appliances burning solid fuel. Mi-Flues clay adaptors can also be used on oil and gas applications but only when recommended by the specific appliance manufacturer. All clay adaptors have been designed to ensure quick, safe and simple installations and are installed where a flexible flue liner is not being used. This product ensures that all soot and other deposits can flow back towards the appliance and cannot leak from a joint in the way they would if the flue pipe is simply sealed into the flue liner.

\*The clay pot liner chimney must be adequately cleaned and fit for purpose prior to installation of any of the adaptor products listed in this brochure.

## COMPONENTS

This product is available in the following formats: Internal Clay Adaptor, External Clay Adaptor, Offset Clay adaptors or Clay Adaptor kits.

## INTERNAL CLAY ADAPTOR



### 1-CA-125I Internal 125mm Clay Adaptor

A	B	C	D	E	F	Lip
118	197	191	141	240	410	✓

### 1-CA-150I Internal 150mm Clay Adaptor

A	B	C	D	E	F	Lip
146	197	191	141	240	410	✓

### 1-CA-175I Internal 175mm Clay Adaptor

A	B	C	D	E	F	Lip
172	197	191	141	240	410	✓

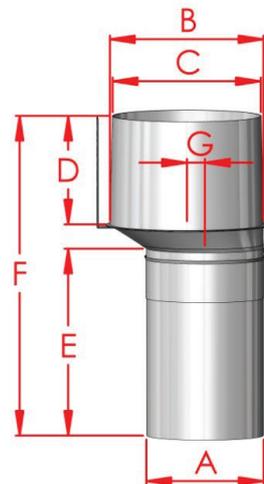
### 1-CA-200I Internal 200mm Clay Adaptor

A	B	C	D	E	F	Lip
195	197	191	141	240	381	✓

Other diameter clay adaptors are available on request.

## INTERNAL OFFSET CLAY ADAPTOR

Internal Offset Clay adaptors are available to enable connection from a 125mm and 150mm diameter connecting flue pipe to a 200mm clay lined chimney with an offset of 25mm, 50mm or 75mm as shown below.



### 1-CA-125I-O25 125mm Clay Adaptor offset 25mm

A	B	C	D	E	F	G	Lip
118	197	191	141	240	410	25	✓

### 1-CA-125I-O50 125mm Clay Adaptor offset 50mm

A	B	C	D	E	F	G	Lip
118	197	191	141	240	410	50	x

### 1-CA-125I-O75 125mm Clay Adaptor offset 75mm

A	B	C	D	E	F	G	Lip
118	197	191	141	240	410	75	x

### 1-CA-150I-OS/O25 150mm Clay Adaptor offset straight

A	B	C	D	E	F	G	Lip
146	197	191	141	240	410	25	✓

### 1-CA-150I-O50 150mm Clay Adaptor offset 50mm

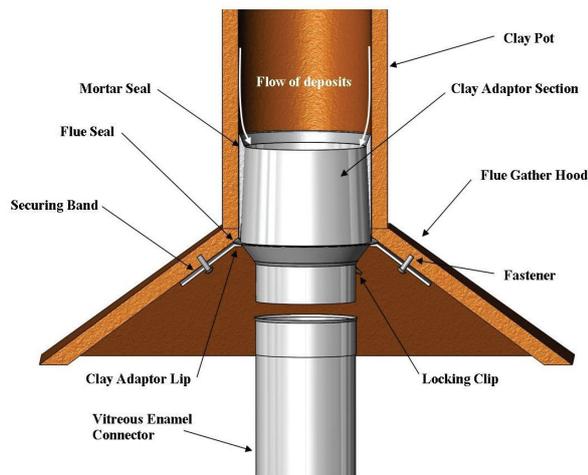
A	B	C	D	E	F	G	Lip
146	197	191	141	240	425	50	x

### 1-CA-150I-O75 150mm Clay Adaptor offset 75mm

A	B	C	D	E	F	G	Lip
146	197	191	141	240	425	75	x

# 316 Grade Clay Adaptors and Insert Stove Kits

## INSTALLATION OF INTERNAL CLAY ADAPTORS



To install Mi-Flues Clay Adaptor, place a bead of Mi-Flues high temperature sealant (rated to 1000°C) or a suitable flue seal around the clay adaptor lip on the side to mate with the clay pot\* .

\*In the case where the clay adaptor is manufactured without a lip, insert the clay adaptor into the clay pot and seal the joint between the adaptor and the clay pot from the base.

Place the clay adaptor into the clay pot, ensuring that the securing bands have been folded into a suitable position to allow for securing against flue gather hood.

Push the clay adaptor firmly into pot until the clay adaptor lip has mated with the surface of the clay pot. Ensure sealant is still intact and provides an adequate seal.

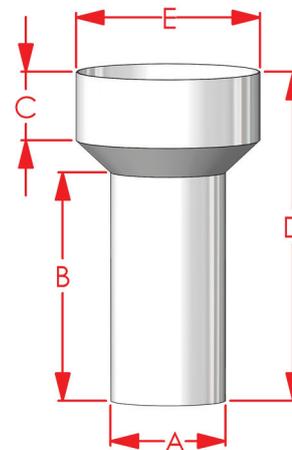
Once placed into position, fasten the securing bands to gather hood using fasteners adequate for the purpose. With the vitreous enamel connector section removed to gain access through the centre, seal the cavity between the clay adaptor and clay pot using mortar.

Ensure that the mortar is finished with an angle to allow for the ease of flow of deposits back down through the flue.

Once sealed, refit the vitreous enamel connector section by using the locking clip to secure into position. Seal the vitreous enamel connector joints using Mi-Flues high temperature sealant (rated to 1000° C) or a suitable flue seal.

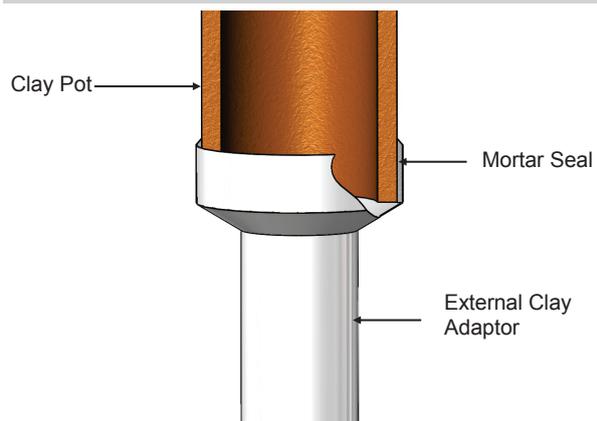
## EXTERNAL CLAY ADAPTOR

External Clay Adaptors are available in 125mm, 150mm, 180mm and 200mm diameters.



( 8" ) 200mm EXTERNAL CLAY LINER				
Diameter (A)	( B )	( C )	( D )	( E )
( 5" ) 118mm	245	70	345	248
( 6" ) 143mm	245	70	345	248
For ( 6" ) 150mm Clay liner (E) = 200mm				
For ( 7" ) 178mm Clay liner (E) = 230mm				
For ( 9" ) 225mm Clay liner (E) = 265mm				

## INSTALLATION



In order to install an Mi-Flues External Clay Adaptor, slide the clay adaptor over the clay pot. Once placed into position, seal the cavity between clay pot and adaptor using mortar.

The Clay adaptor must be connected to the appliance using Mi-Flues components selected from Mi-Flues System 1 or System 7 products ranges. All joints between sections must be sealed using Mi-Flues high temperature sealant (rated to 1000°C) or a suitable flue seal.

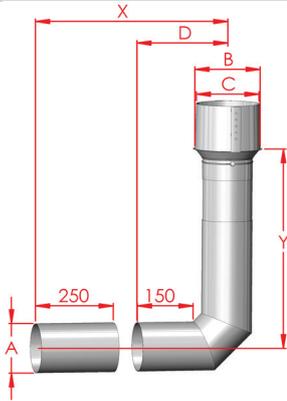
# 316 Grade Clay Adaptors and Insert Stove Kits

## CLAY ADAPTOR KIT

Mi-Flues clay adaptor kits have been specially developed to enable the installer to complete the installation using this highly versatile telescopic kit. The kits are available to connect from a 125mm and 150mm appliance diameter to a 200mm clay pot lined chimney. Each kit consists of a Clay Adaptor, extended 45° or 90° bend (can be assumed to be equal to 2 x 45° bends) and a telescopic length. \*The 250mm section of the kit is not suitable for solid fuel applications. This is because it exceeds the 150mm maximum horizontal run as per Building Regulations.

The 250mm telescopic length can only be used to increase the horizontal distance from 150mm to the dimensions listed under the X Min and X Max as shown below when recommended by the appliance manufacturer. This 250mm section can only be used on the horizontal as shown in the illustration below when recommended by the appliance manufacturers.

### Clay Adaptor Kit with 90° bend



#### 1-CA-125I-KIT

This kit consists of a 125mm clay adaptor to 200mm clay pot, telescopic length and extended 90° bend.

A	B	C	D	X Min	Y Min	X Max	Y Max
125	197	191	236	328	419	449	597

#### 1-CA-150I-KIT

This kit consists of a 150mm clay adaptor to 200mm clay pot, telescopic length and extended 90° bend.

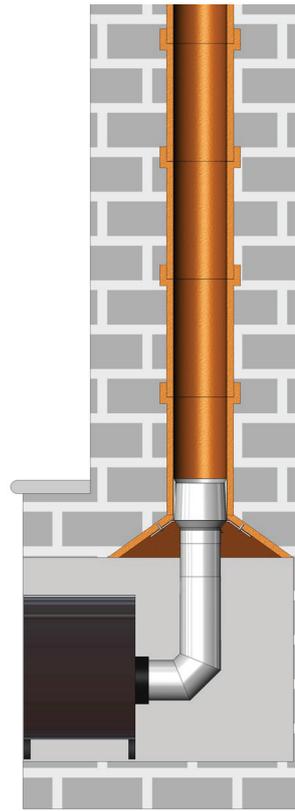
A	B	C	D	X Min	Y Min	X Max	Y Max
149	197	191	248	348	429	470	609

## INSTALLATION OF CLAY ADAPTOR KIT

In the case of a full clay adaptor kit being installed, fit the clay adaptor section as described on page 3 (Installation of Internal Clay Adaptor.)

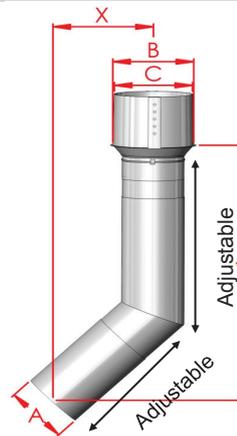
The bend section and adjustable section included in the kit are designed to fit telescopically over each other. The bend section must be fitted to the clay adaptor section and then connected to the appliance using the adjustable section, ensuring that the overlap between section must not be less than 50mm. (Note current Building Regulations part J list a maximum horizontal distance of 150mm on a solid fuel application). A 90° bend can be assumed to be equal to 2 x 45° bends. All joints must be sealed using Mi-Flues high temperature sealant (rated to 1000°C) or a suitable flue seal.

## INSTALLATION OF CLAY ADAPTOR KIT



Mi-Flues Clay Adaptor kits can only be used when cleaning and removal access is provided directly through the appliance.

## CLAY ADAPTOR KIT WITH 45° BEND



#### 1-CA-125I-KIT45

This kit consists of a 150mm clay adaptor to 200mm clay pot, extended 45° bend and telescopic length.

A	B	C	X Min	Y Min	X Max	Y Max
125	197	191	195	549	280	817

#### 1-CA-150I-KIT45

This kit consists of a 150mm clay adaptor to 200mm clay pot, extended 45° bend and telescopic length.

A	B	C	X Min	Y Min	X Max	Y Max
149	197	191	198	559	285	825

# 316 Grade Clay Adaptors and Insert Stove Kits

## INTRODUCTION—INSERT STOVE KITS

Mi-Flues patented Insert Stove Kits are specially developed products to ensure a hassle free connection from a solid fuel insert stove to an Mi-Flues System 35 flexible flue liner on a clay lined chimney system.

## PRODUCT DESCRIPTION

Mi-Flues Insert Stove Kits are manufactured from a high quality 316 grade stainless steel. They have been specifically engineered to ensure years of trouble free use.

## APPROVALS

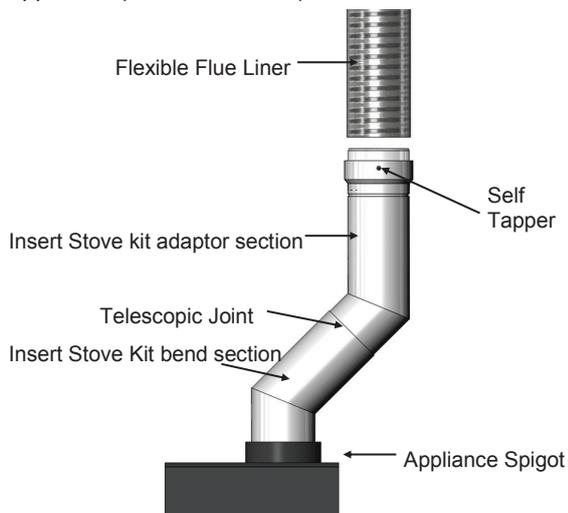
Mi-Flues Insert Stove Kits are manufactured and conform to EN1856-2 and have the following designation: EN1856-2 T600 N1 D Vm L50100 G (\*\*)  
Note : \*\* 3 X diameter of the flue

## APPLICATION

Mi-Flues Insert Stove Kits are suitable for use on domestic insert stoves with an outlet of 150mm. They have been designed to ensure quick, safe and simple installations.

## COMPONENTS

Mi-Flues Insert Stove Kits are available in 30°, 45° or 90° formats and are designed to come straight off the appliance (as shown below).

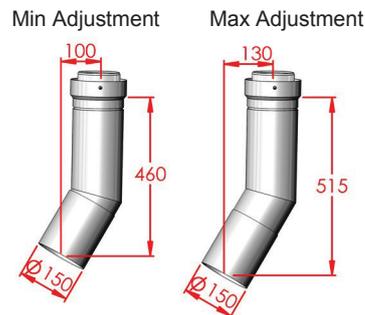


## INSTALLATION OF INSERT STOVE KIT

The clay pot liner chimney must be adequately cleaned and fit for purpose prior to installation of Mi-Flues flexible product. To install an Mi-Flues Insert Stove Kit, connect the adaptor section to the flexible flue liner. The flexible flue liner should slide between the liner and body of the adaptor section. Once in place, secure by fastening the three self tappers. The adaptor section can then be connected to the appliance using the bend section. The bend section is designed to fit telescopically over the adaptor section. Once fitted into position, seal the telescopic joint ensuring the overlap between the adjustable section is not less than 50mm. Seal the bend section into the appliance using Mi-Flues high temperature sealant (rated to 1000°C) or a suitable flue seal. The flexible flue should then be back filled.

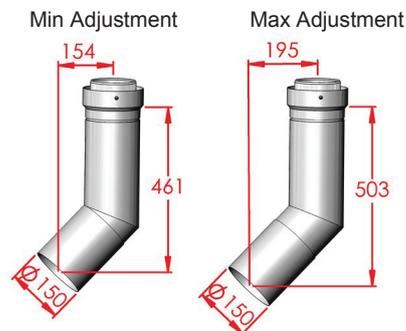
## INSERT STOVE KIT30°

This Kit consists of an extended 30° bend incorporating an adaptor to flexible flue and extension.



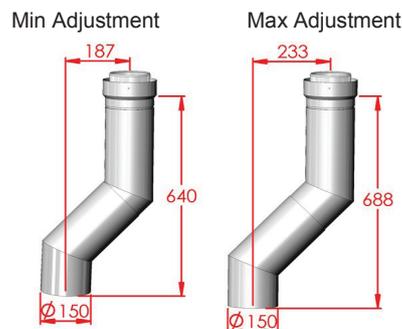
## INSERT STOVE KIT45°

This Kit consists of an extended 45° bend incorporating an adaptor to flexible flue and extension.



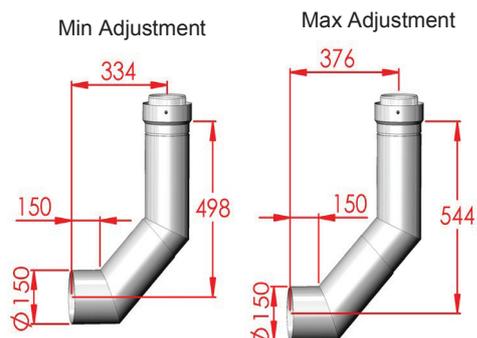
## INSERT STOVE KIT90° - Top outlet

This Kit consists of a 45° bend including adaptor to flexible flue and second smaller 45° bend.



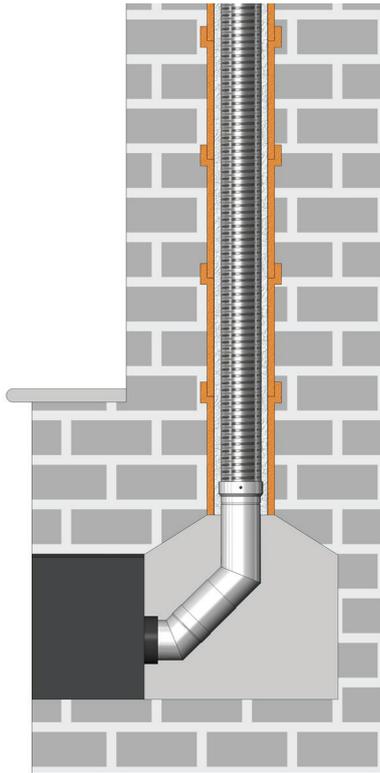
## INSERT STOVE KIT90° - Back outlet

This Kit consists a 45° bend including adaptor to flexible flue and a second smaller 45° bend.



# 316 Grade Clay Adaptors and Insert Stove Kits

## INSERT STOVE KIT90° INSTALLATION



Mi-Flues Insert Stove kits can only be used when cleaning and removal access is provided directly through the appliance.

## Safety / Installation / Regulations

### Cleaning and Maintenance

As stated the Clay Adaptor and Insert Stove Kit should only be used when adequate provision for cleaning and inspection is available through the appliance. If access is not available through the appliance please refer to our System 1 or System 7 brochures where you can select access components from the product ranges.

The chimney should be inspected regularly and cleaned at least twice a year, depending on usage and type of fuel used. This should be carried out with the use of a brush which should not be made from black steel.

The chimney should be maintained to ensure that the construction remains in good condition.

Any components showing signs of deterioration which may affect performance should be replaced under professional advice. Any evidence of leakage identified by smoke staining should be rectified immediately.

### Life Expectancy

Under normal operating conditions, and providing the product is installed and maintained correctly, the Mi-Flues products contained in this brochure should provide many years service and are provided with a 10 year life expectancy.

## Safety / Installation / Regulations

### Distance to Combustible Materials

The products covered in this brochure should be fitted at least three times the diameter of the connecting flue pipe away from any combustible materials.

### Chimney Plate

The chimney plate provides information regarding the Manufacturer, designation, nominal size, distance to combustibles, Installer name, installation date, chimney location and thermal distance.

It is to be completed by the Installer and securely fixed in an unobtrusive but obvious position within the building such as next to the electricity or gas consumer unit, next to the chimney or hearth or next to the water supply stop cock.

### Handling and Storage

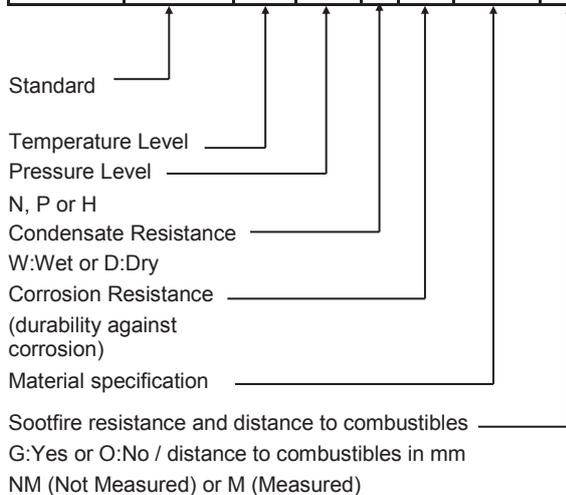
All components are either packaged and labelled or individually labelled if appropriate. Product labels should be removed from the product prior to installation and the information transferred to a chimney plate. Products should be stored in a dry suitable storage location. The product is easy to handle, but care should be taken when holding, fitting or assembling any part of the system. Users are advised to use suitable precautions such as gloves etc to avoid injury.

Technical Data	
Fuel	Solid Fuel, Oil, Gas
Material (not clay adaptors)	1mm 316 stainless steel
Clay Adaptors	.7mm 316 stainless steel
Min. Distance to combustibles	3 x the diameter of the pipe

## Product Designation

Mi-Flues Clay Adaptors, Clay Adaptor kits and Insert Stove Kits carry the following designation codes:

Clay Adp	EN1856-2	T450	N1	D	Vm	L50070	G(**)
Clay Adp Kit / Insert Stove Kit	EN1856-2	T600	N1	D	Vm	L50100	G(**)



All flue systems must be installed according to current Building Regulations. Mi-Flues has adopted a policy of continuous product review, and in the interests of development and improvement the Company reserves the right to vary the appearance and performance of any of its products without prior notice. Correct at time of print (September 2014). For updates please check our website.