



# Clearline Pellet Vent



**Clearline Pellet Vent connecting single skin flue pipe is made from low carbon 1mm steel with a black enamel coating. All seams are evenly welded.**

**Please read all instructions before beginning your installation. Failure to install in accordance with these instructions will invalidate the conditions of certification and the manufacturer warranty.**

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A COMMON CAUSE OF CHIMNEY RELATED FIRES IS THE FAILURE TO MAINTAIN THE REQUIRED AIR GAP BETWEEN THE OUTER SURFACE OF THE FLUE AND COMBUSTIBLE MATERIALS.

IT IS VITAL THAT THIS FLUE PIPE SHOULD BE INSTALLED WITH THE CORRECT MINIMUM CLEARANCES AS SPECIFIED IN THESE INSTRUCTIONS.

## PRODUCT IDENTIFICATION

Clearline Pellet Vent  
Sizes:80mm, 100mm

Tested for compliance with BS EN1856-2  
Product Designation: EN1856-2 T250 P1 W V2 L80100 O(100)

HETAS listed for use on solid fuel applications

Total thickness of steel 1mm. All seams fully welded.

**Distance to combustibles MUST be at least three times the diameter of the pipe.**

Available in black only.

## **FUELS AND APPLIANCES**

CLEARLINE Pellet Vent conforms to BS EN1856-2. It is a single skin flue pipe designed to connect to wood pellet stoves and boilers. Clearline Pellet Vent has been tested to have a working temperature of 600°C. Thickness of the steel is 1mm. Complies with British Standards, CE marked.



## **GENERAL INSTALLATION REGULATIONS**

Chimney installation should be carried out by a competent person. We recommend installation by approved installers registered under a Competent Person Scheme for biomass and solid fuel applications, such as Hetas. If installation is carried out by a non HETAS registered installer, the installation must be certified by a local Building Control inspector. Planning permission may be required, and reference should be made to the local Building Control Department.

### **VENTILATION**

It is very important that sufficient air for combustion and ventilation is provided to the room containing the appliance to enable correct, efficient working of the appliance and chimney system.

### **CARBON MONOXIDE ALARMS**

A carbon monoxide alarm must be provided in the room where the solid fuel or gas appliance is located.

### **NOTICE PLATE**

The Notice plate for Clearline flue systems should be marked up in indelible ink and securely fixed in an unobtrusive but obvious position within the building such as:

- Next to the electricity meter
- Next to the chimney installation
- Next to the water supply stop-cock

## GENERAL INSTALLATION REGULATIONS

- All chimney installations should comply with Document J of Building Regulations.  
[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/468872/ADJ\\_LOCKED.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/468872/ADJ_LOCKED.pdf)
- Clearline Pellet Vent has been designed for use on wood pellet appliances.
- The flue size must NEVER be smaller than the appliance outlet, unless approved by stove manufacturer.
- Flue needs to switch from single skin to a twin wall insulated flue at 425mm below a ceiling.
- Minimum distances to combustible material MUST always be observed.
- Clearline Pellet Vent should be 3 times its diameter from combustible material, including timber joists, stud walls, plasterboard and plywood, if not heat shielded. (i.e. 100mm pipe should be 300mm from combustible materials).
- It is recommended that a vertical run of at least 600mm should be allowed immediately above the appliance prior to any change of direction.
- Clearline Pellet Vent should NOT be used to pass through ceilings or walls.
- Provision should be made for cleaning the appliance, this can be achieved by fitting a flue pipe with an access door.
- It is recommended that all solid fuel appliances and associated flue system are swept as frequently as necessary, at least once a year.



**Failure to follow the installation instructions could cause  
FIRE, CARBON MONOXIDE POISONING, OR DEATH.**

## CLEARLINE PELLET VENT COMPONENTS

Clearline Pellet Vent should be fitted with the smaller diameter end always directed **downwards** towards the appliance. This means all condensates will stay within the flue system and not leak to the outside of the pipe onto the appliance.

Each joint must include a pellet vent seal.

\*\*\* Denotes flue diameter ie: 100mm = 43-100-001

### STARTING COMPONENTS

CONNECTOR FEMALE-FEMALE 100MM

Code:43-100-002

CONNECTOR FEMALE-FEMALE 80MM

Code:43-80-002



INCREASER SW-SW 80mm-100mm

Code:43-80-008

INCREASER SW-SW 100mm-125mm

Code:43-100-008



## **PIPE LENGTHS**

Pellet seal included

1000MM LENGTH

500MM LENGTH

250MM LENGTH

Code:43\*\*\*010

Code:43\*\*\*011

Code:43\*\*\*012



## **PIPE LENGTHS WITH DOOR**

Pellet seal included

1000MM LENGTH WITH DOOR

500MM LENGTH WITH DOOR

Code:43\*\*\*015

Code:43\*\*\*016



### 300MM ADJUSTABLE FLUE LENGTH

Code:43\*\*\*013

Pellet seal included

The Clearline Pellet Vent Adjustable Pipe can be cut to length. It should always be fitted with a standard straight length without a door. The securing bracket is included.



### PELLET VENT SEAL

Code:43\*\*\*095

A seal is required on every joint on a biomass chimney system



### BENDS AND TEES

Pellet seal included

#### 90 DEGREE TEE

Code:43\*\*\*035

Some stove installations require a rear flue outlet, the Clearline Pellet Vent 90 Degree Tee with male end allows for this.



90 DEGREE TEE - Female

Code:43\*\*\*037



90 DEGREE ELBOW

Code:43\*\*\*-030



45 DEGREE BEND

Code:43\*\*\*-031



45 DEGREE BEND WITH DOOR

Code:43\*\*\*041



TEE CAP

Code: 43\*\*\*036





## SUPPORTING COMPONENTS

ADJUSTABLE WALL SUPPORT

Code:43\*\*\*051



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# MAINTENANCE AND CHIMNEY CLEANING

## INSPECTION

- Chimney sweeping should be carried out by competent persons. The chimney should be designed to allow for easy inspection and cleaning.
- A flue length with door, an inspection elbow or a 90° or 135° Tee with tee cap can form a suitable inspection point (unless cleaning/inspection can be done through the appliance).
- To aid cleaning, sufficient distance should be left between changes of direction to permit the safe passage of cleaning brushes within the system.
- It is recommended that chimneys serving solid fuel appliances be swept as frequently as necessary, but at least once a year.
- Chimney flue cleaning and inspection require the use of appropriate.
- We would advise that monthly checks are carried out to ensure that there is no build up of any deposits in the flue way of the connecting flue pipe or system chimney.

## **WARRANTY**

**This product is guaranteed for 2 years from date of purchase. For the warranty to be valid the following conditions must be observed:**

- The chimney must be correctly sized and installed according to these instructions, current Building Regulations and relevant British and European standards.
- Maintained and swept regularly by a qualified and competent person and maintenance records kept updated for both appliance and system chimney.
- Used in combination with an appliance burning only approved fuels in accordance with Clearline Pellet Vent and the appliance manufacturer's instructions

**Please Keep These Instructions In A Safe Place For Future Reference.**



# **Clearline**

## **Pellet Vent**

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