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Declaration of Performance

DoP no. 3 - Pellet

1. Unique identification code of the product type

Vitreous enamelled flue pipe named “Pellet”

2. Intended use

Connecting flue pipe from the appliance to the chimney.

3. Manufacturer

SAVE S.r.l. Unipersonale - Via Enrico fermi, 16/A - I-36010 Chiuppano (VI) – Italy
Tel. +39 0445 891068 - Fax +39 0445 891359 - save@savefumisteria.it

4. Representative

Not applicable

5. VVCP systems

System 2+

6a. Harmonised standard

EN 1856-2:2009
Notified body: **KIWA CERMET Italia Spa**, with identification number 0476, issued certificate No. **0476-CPR-7509** of conformity of the factory production control.

6b. European Assessment Document

Not applicable

7. Declared performance

Diameters - mm	Reference Standard	Designation	Sealing Elastomers
80-100-120	EN 1856-2	T200-P1-W-V2-L80100-070	Silicon gasket
80-100-120	EN 1856-2	T250-P1-W-V2-L80100-0100	Viton gasket
80-100-120	EN 1856-2	T600-N1-W-V2-L80100-G375NM	Not present

Essential characteristics	Performance	Harmonized technical specification
Total thickness after enamel-coating	1,2 mm	EN 1856-2:2009
Compressive strength	NPD	
Fire resistance	**G375NM** without gaskets **O70** with silicone gaskets **O100** with Viton gaskets	
Gas tightness	**P1** (≤ 0,006 $ls^{-1}m^{-2}$ at 200 Pa) with gaskets **N1** (≤ 2 $ls^{-1}m^{-2}$ at 40 Pa) without gaskets	
Roughness coefficient	0.1 mm (stated)	
Flow resistance D. 80 x 1000 D. 80 - 90° elbow D. 80 - 45° elbow D. 80 - T-piece	 1,75 dp (Pa) at 6 m/s 8,4 dp (Pa) at 6 m/s 5,4 dp (Pa) at 6 m/s 21,4 dp (Pa) at 6 m/s	
Thermal resistance	NPD	
Thermal shock resistance Sootfire resistance Temperature class	 G - Test passed T200 with silicone gaskets T250 with Viton gaskets T600 without gaskets	
Flexural strength	NPD	
Resistance to steam and/or condensate	W - Test passed	
Corrosion resistance	Class V2	
Freeze/thaw resistance	NPD	

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8. Appropriate technical documentation and/or specific technical documentation

See instructions for “Pellet” Model on following page

The performance of the above-mentioned product complies with the combination of performances declared.
This declaration of responsibility is issued pursuant to Regulation (EU) no. 305/2011 at the exclusive responsibility of the manufacturer above.

Chiuppano, 5 December 2024

Director
Vittorio Dalle Carbonare

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Instructions

Pellet

Manufacturer

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Via Enrico fermi, 16/A - I-36010 Chiuppano (VI) – Italy
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save@savefumisteria.it

Product designation in accordance with EN 1856-2:2009

Diameters - mm	Reference Standard	Designation	Sealing Elastomers
80-100-120	EN 1856-2	T200-P1-W-V2-L80100-070	Silicon gasket
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Characteristics

- Double sided vitreous enamelled steel single wall connecting flue pipe. Total thickness (steel + enamel) 1.2 mm.
- Maximum operating temperature:
  with VITON gaskets: 250°C – with silicone gaskets: 200°C – without gaskets: 600°C
- Suitable for operating in positive pressure when installed with the appropriate gaskets and in wet conditions (in the presence of condensate) when installation is performed as described below.

Assembly instructions

- SAVE “PELLET” flue pipes are cylindrical with a socket at one end to permit connection with other elements.
- Before installing, make sure that the vitreous enamel coating is undamaged in the inner side too.
- Before installing the pipes, assemble the gasket by fitting it into the housing in the socket with its lip facing the inside of the pipe.
  Important: the seal is guaranteed only by using the gaskets we supply with our label on the package.
- Wet operation (when condensate is present inside the pipe): the pipes must be assembled in anti-condensate mode (with the female end of the pipe above and the socket below), in this way ensuring an upward slope of at least 3° in the non-vertical section.
- Minimum distance from combustible materials: see DoP no. 3.
- In non-vertical installations: fix every piece with a pipe holder.
- Before starting the operations, check the correct draught of flue system (connecting flue pipe + chimney).
- In any case, installation must be in accordance with the technical standards of the country.
- Avoid any tampering, cutting or other operations that could affect the validity of the properties declared in the DoP and therefore of the CE marking.

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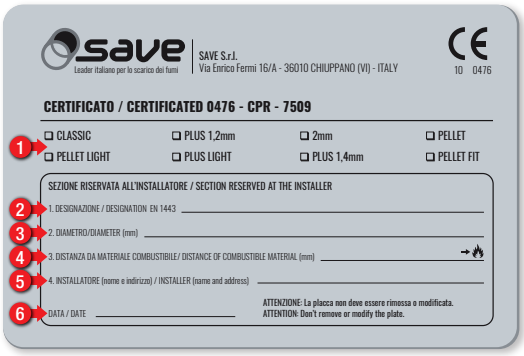
Filling out the flue pipe plate



1. Tick the box indicating the line of product installed
2. Enter the designation of the line of product as shown in its DoP
3. Enter the diameter in mm
4. Enter the distance from combustible materials expressed as designated
5. Enter the name of the installer
6. Enter the date of installation

Cleaning

Connecting flue pipes must be periodically cleaned to ensure the stove has a suitable draught and operates well as a consequence.
Periodic cleaning also prevents the so-called sootfire, in other words the lighting of unburnt parts deposited inside the pipe.
Sootfire creates very high temperatures that can damage the gaskets and therefore jeopardize gas tightness.
The use of inspectable elbow connectors permits cleaning without requiring the disassembly of the parts: all you need to do is remove the inspection opening and then use a vacuum cleaner to suck up the soot from inside.
CLEANING INTERVAL: every 3 months of operation. Wherever long and especially horizontal sections are installed, cleaning should be performed more frequently.

Inspection

The flue pipes and the gaskets must be checked periodically during the cleaning operations. Pay extra attention to the gaskets, and replace them whenever even the slightest sign of damage is observed. In case of sootfire, the gaskets must be changed and the flue system should be checked by an expert technician.

Storage instructions

Avoid all impact.