



Convesa

PSLI COAXIAL JJ

r.01

INSTALLATION INSTRUCTIONS



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1 General information

ⓘ This chimney must be installed in accordance with all these instructions. Ensure that all chimney components are available and check them to ensure there has been no damage before assembly. Do not use damaged or modified components.

Use appropriate personal protective equipment when carrying out the installation.

This instructions document does not consider information about chimney sizing. The diameter of the chimney should be according to the appliance manufacturer instructions and the standard EN-13384-1.

2 Jointing system

ⓘ The assembly of all components is made with a male-female system. The male end of each component is on the bottom and the female end on the top part, see *Figure 1*.

The locking band must fit with the pipes as shown in *Figure 1. JOINTING SYSTEM DETAIL*. Check that the locking band embrace both pipes completely in all the surface of contact.

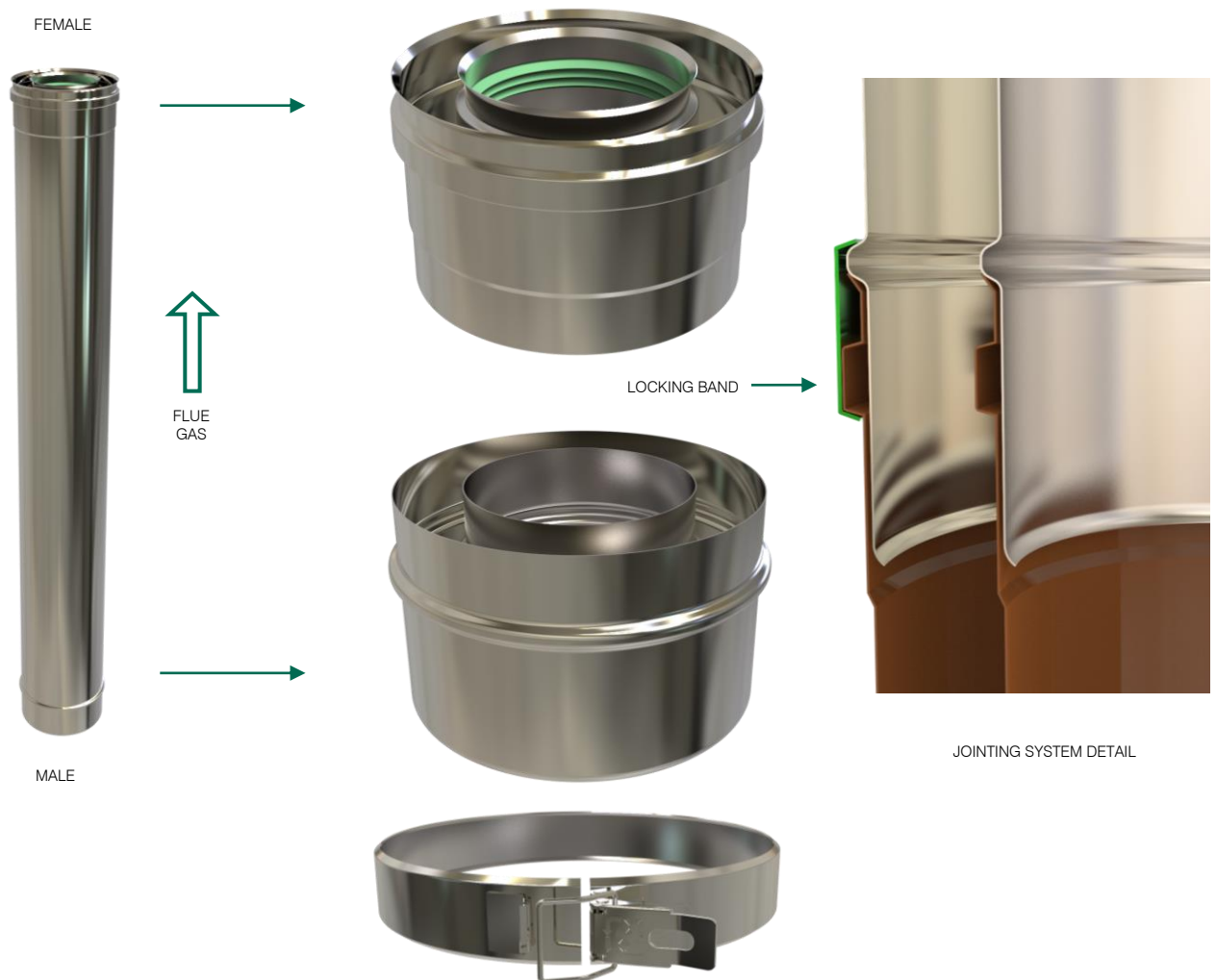


Figure 1. General features.

3 Distance to combustible material

EN A minimum distance must be maintained between the external wall of the chimney and any combustible material. The minimum distance is:

100 mm → For solids fuel installations, G(100)

4 Assembly with silicone seal

EN The chimney should be installed with silicone seals when the flue gas outlet is forced draught (positive pressure). Each joint between chimney elements must have a silicone seal in this case.

Silicone seals are placed on the internal skin of the female end with the three lips outside. See *Figure 2*. These three lips must be lubricated with soap around the entire perimeter before assembly with the previous element. Then, the jointing must be fixed with the locking band.

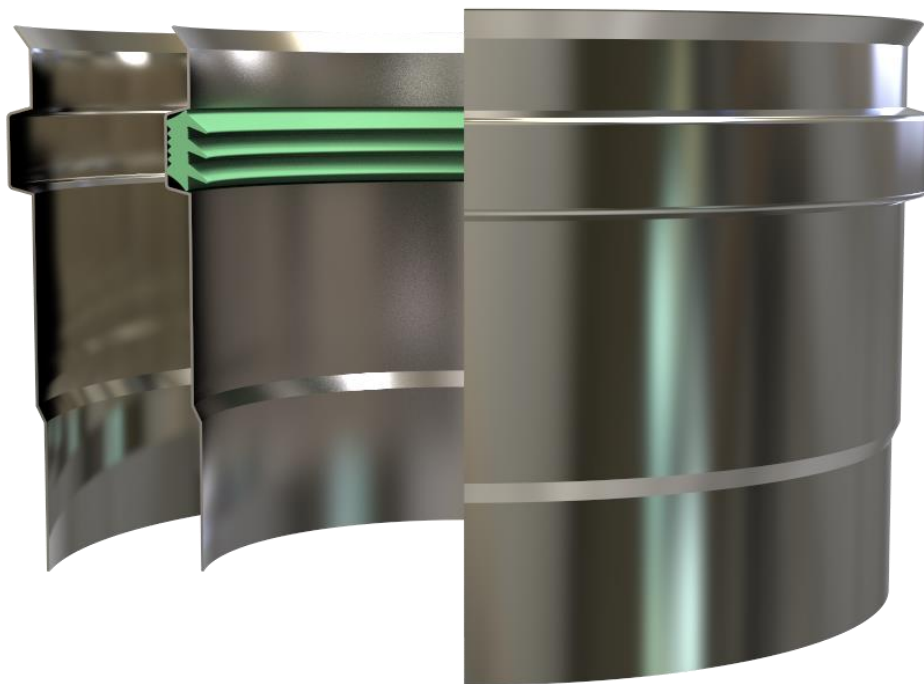


Figure 2. Assembly and position of silicone seal.

5 Boiler connection

EN The normal concentric connection to the boiler is composed by two double wall tees, one lid (code: JJTA, one rubber pipe and one single wall pipe. The lid is connected to the lower tee of the Figure 3. The lower tee (code: JJTB) is the connection for the flue gas and the horizontal pipe fits with the boiler connection (code: BJT008). The upper tee (code JJTC) is the connection to the air supply with the boiler through the rubber flexible pipe (code: BJ00004).

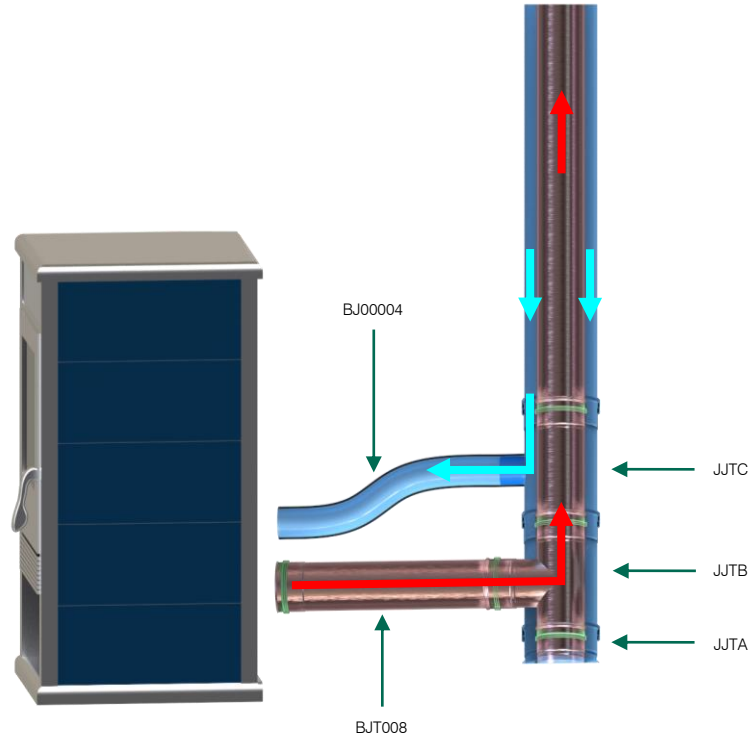


Figure 3. Boiler connection. Air and flue gas route.

6 Adjustable lengths

EN The adjustable length consists of the upper part, the lower part (with the central locking band welded) and the standard locking band. See *Figure 4*.


Total length can be adjust sliding one part into the other with the central locking band unfastened. Once final length is adjusted, the central locking band must be fastened.

If the installation includes seals (for positive pressure), lubricate them with soap before assembly.



Figure 4. Adjustable length parts.

7 Caps and Terminals

 These components are used to finish the chimney. Its geometry depends on the mounting orientation (vertical / horizontal) and the special function of each cap or terminal. Main types are shown below:

1. Vertical terminal. This cap offers rain protection inside the chimney and is designed for vertical installation.




2. Horizontal terminal. This terminal is used to finish the chimney when it ends horizontally.



3. Adjustable horizontal terminal. As the horizontal terminal, this one is suitable for horizontal installation. Also, it works as an extensible pipe from 720 to 965 millimetres. For its adjustment see the chapter "Adjustable lengths".



8 Maintenance

 According to local standards.