

Installing instructions



- certificated single wall connecting line **TEC-STAHL**

CE-Certification number 0036 CPR 91323 018

(further information: see Declaration of Performance No. 91323 018 DoP 2019-11-21)

1) System construction variant



Wall lining with centering spring and storm collar

Elbow 90°
e.g. without door

Elbow with door and damper

Straight pipe element
250mm

2) Mounting and regulations

The installing has to be performed professionally according to the installing instructions respectively according to the valid national regulations. In Germany in particular DIN V 18160-1, as well as the applicable rules of regional building (LBauO), firing regulations (FeuVo), relevant DIN standards and all other building- and safety regulations.

Therefore we recommend that the execution has to be carried out by a specialist firm.



Attention! Before the installation the design of the system has to be clarified with the concerned district chimney sweeper. The suitability and safe usability of the exhaust system is to be certified by a competent district chimney sweeper before commissioning.

3) Minimum distance to combustible materials

Nominal diameter (Ø- in mm)	Ventilated distance to combustible building materials - without radiation protection	Ventilated distance to combustible building materials - with ventilated radiation protection
115	375mm NM ¹	/
120		
130		
150	450mm NM ¹	400 mm
160	480mm NM ¹	
180	540mm NM ¹	
200	600mm NM ¹	
250	750mm NM ¹	

¹NM - Not measured / calculated, min. 3x nominal diameter, min. 375mm

Table 1: Distance to combustible materials



2. Note:

For wall ducts through the connecting pipe the local resp. national regulations apply, you can also use certificated wall-, ceiling-, roof penetrations.

Please also note the installing instructions of the above mentioned penetrations!



Attention:
hot surface

Attention!

In an operating fireplace, the connecting pipe is usually very hot!

The surface should therefore be provided with a suitable non-flammable protection against inadvertent contact. The contact protection must not hinder the rear ventilation!



wear protective gloves

If hot surfaces are touched, wear appropriate protective clothing.

4) Mounting of the elements

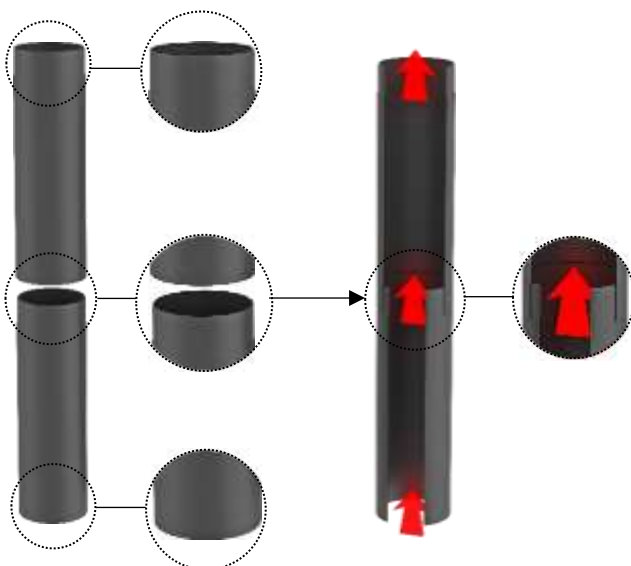


Figure 1: Connection straight pipe element

All components have to be mounted in a way, that the nozzle of the inner pipe is above or rather in flow direction of the exhaust gas. The connection is made by simply plugging together (see Fig. 1).

For rotatable ovens, the flue pipe and wall sleeve must be fastened so that they do not slide apart!



3. Note:

Length elements can be shortened as required.

The drawn-in side must always be completely preserved.

The shortening of the elements may only be carried out with tools which are suitable for the machining of steel, e.g. angular grinder with metal cutting disc.



4. Note:

The painted surface of the pipes and fittings are very sensitive, please work carefully e.g. wear gloves. See also point 6 „First heating“ and point 7 „Clean-out opening“.

5) Distance between supports

For horizontal installation the maximum distance between supports can be declared with 2,5 m for all diameters.

6) First heating

All painted components were coated and baked in the factory with a heat-resistant Senotherm paint. When heating the first time the paint dries up. This can cause unpleasant odours.

Therefore attention should be paid to the following advice:

- In the affected room the stay of persons and pets should only take place briefly, since the resulting odours can be unhealthy
- Open the windows in the room so that the odours released can escape
- Avoid touching painted surfaces, as the paint is still soft during the curing time
- After operation at rated power, curing is complete

7) Clean-out opening

Clean the elements only when they have cooled down.

Outside:

The first cleaning may only be carried out when the paint has completely dried. This is the case after the first heating up. Glass cleaners or other solvent-based cleaners must not be used. It is best to use a damp, lint-free cloth for cleaning, do not scrub.

Inside:

Depending on the heating behaviour and fuel flow, the connecting pieces are to be cleaned with a suitable broom or similar. If a fall of combustion residues into the fireplace is unavoidable, these must be removed after cleaning the pipes!

8) Final notes

The connecting pipe TEC-STAHl was developed and tested for gas leaks, corrosion resistance and secure installation. Therefore, only original parts of the Tecnovis system must be used. In addition the manufacturer's specifications and installation instructions have to be met.

Errors and technical changes are reserved!



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