

## Installation manual

Product (group):	<b>CONNECTING FLUE PIPES SENOTHERM 2MM TAPERED</b>
Producer:	Bertrams GmbH & Co KG, Stelzhamergasse 4, 1030 Vienna, Austria
Factory:	Bertrams GmbH & Co KG, Heinrich Bertrams Weg 1, 7093 Jois, Austria
Material:	steel
Wall thickness:	2mm (dimension nominal)
Dimension nominal size:	115mm, 120mm, 130mm, 150mm, 160mm, 180mm and 200mm
Connecting:	tapered connecting system
Thermal performance:	T600 (Exhaust temperature $\leq 600^{\circ}\text{C}$ ) under normal operating conditions
Coating:	coated with environmental paint "senotherm® UHT-HYDRO" high temperature resistant, water-based, solvent free available in the colours: black, iron-grey or light grey

Distance: to combustible material for each diameter:

DN 115 $\geq$ 375 mm (G375 NM)
DN 120 $\geq$ 375 mm (G375 NM)
DN 130 $\geq$ 390 mm (G390 NM)
DN 150 $\geq$ 450 mm (G450 NM)
DN 160 $\geq$ 480 mm (G480 NM)
DN 180 $\geq$ 540 mm (G540 NM)
DN 200 $\geq$ 600 mm (G600 NM)



Intended use: Convey the products of combustion from heating appliances to the chimney.

CE marking with product performance, manufacturer, address, product name and item number as print or label on cardboard of every single packed product or as label on every product not packed separately in cardboard.

### **CE-marking according to EN 1856-2:2009**

(Certificate no. 1085-CPR-0380)

These connecting flue pipes are produced and tested according to the harmonized European norm EN 1856-2:2009 for the intended use to connect a heating unit to the chimney for securely transport of the products of combustion to the chimney.

The tapered connecting system allows to easily connect the flue pipes by plugging the small side of the pipe into the bigger side.

Plug-in direction: The straight side of the pipes goes over the stove outlet. The smaller side (tapered side) goes into the wall lining which is mounted into the cut-out of the chimney.

Please make sure that the connecting flue pipes have a tight fit on the stove outlet and in the wall lining, as well as within each other. Please make sure that there are no parts in the stove outlet, as well as in the connecting flue pipes and the chimney that could disturb the transport of the products of combustion.

To connect the connecting flue pipes correctly to a brick chimney, a wall lining has to be mounted into the cut-out of the chimney wall. For other chimneys (ceramic inner tube, stainless steel, etc.) please refer to the manufacturer's instructions of the chimney manufacturer for the correct connection of the connecting flue pipes to the chimney.

**Before installing and start-up, please make sure that:**

- the connecting flue pipes are qualified to be used with the heating unit
- the connecting flue pipes are qualified for the fuel used
- the prescribed distance to combustible material is correct
- the chimney is suitable to be connected to the heating unit by using the described connecting flue pipes. Furthermore connecting the heating unit and chimney with the connecting flue pipes has to be allowed according to the applicable legal regulations.
- the connecting flue pipes have to be fixed on the wall if technically or legally necessary.

**Prior to the purchase, installation and start-up of a fireplace (heating unit, connecting flue pipes and chimney) please make sure to get all necessary regulatory approvals and pay attention to compliance with all applicable legal requirements and technical specifications!**

**Example for use:**

- heating unit with outlet  $\varnothing$ 150mm
- connecting flue pipes with tapered connecting system DN 150mm
- wall lining in the cut-out of the chimney for connecting flue pipes DN150mm with tapered connecting system

Dimension stove outlet outside  $\varnothing$ : 150mm

Dimension connecting flue pipe inside  $\varnothing$  straight side: 151mm (fits over the stove outlet)

Dimension connecting flue pipe outside  $\varnothing$  on the reduced (tapered) side: 150mm (fits into the straight side of the next connecting flue pipe or into the wall lining)

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Product gets hot when in use.

Clean periodically the connecting flue pipes of soot and combustion residues with a suitable furnace tube brush.

**Care instructions:**

Do not clean with solvent or treat aggressive cleaning agents. Do not scratch or rub. Gently wipe the connecting flue pipes in cold state with a soft cloth or with a soft broom. Do not wet wipe!