



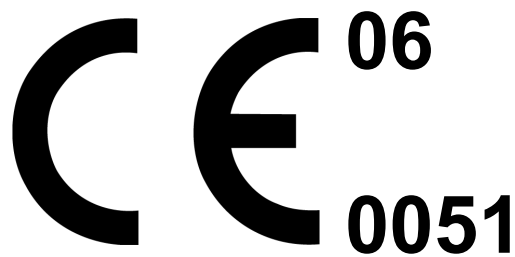
**PUCCI S.r.l.**

COMPONENTS AND ACCESSORIES FOR GAS BOILERS

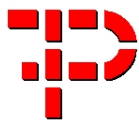
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“INSULATED LINE 80-100” “INSULATED LINE 100-125”  
INSULATED ALUMINIUM TWIN WALL

**MANUAL FOR INSTALLATION, USE AND MAINTENANCE**



**0051 – CPD – 0080**



### WARNINGS

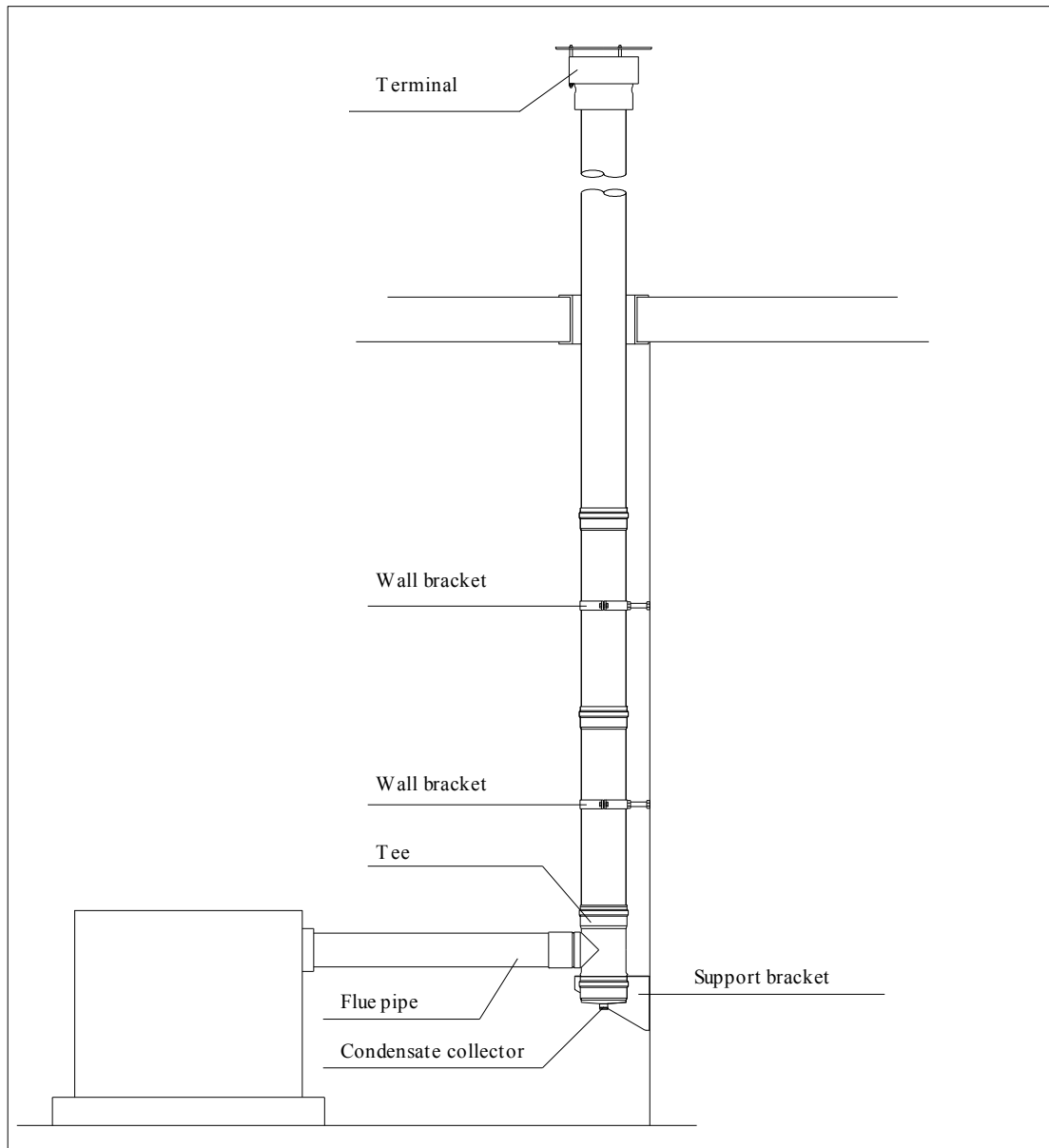
Installation must be done by qualified personnel as established by Law no. 46/90 dated 05/03/1990, therefore by personnel capable of carrying out installation under the rules of good workmanship in compliance with current laws/standards. Please read through this manual carefully before carrying out any operation on the system. The installer must have up-to-date knowledge on current standards concerning installation, as well as the rules of safety to be adopted. The installer must wear suitable work clothes and use accident prevention items, such as work gloves, according to current laws. The products are to be used only for the purposes given in the “FIELDS OF USE” paragraph. The cardboard boxes in which the products are packed are to be disposed of according to current regulations.

### FIELDS OF USE

The products of the series “Insulated line 80-100” and “Insulated line 100-125” are suitable for use as chimney system at the service of gas boilers with operation in wet conditions in positive pressure (up to 200 Pa) and up to a temperature of 200° C.

### INSTALLATION

The sections can be coupled through male-female joint. Before installing any section, make sure that the joints are intact and clean. A linear section or any other accessory cannot be used if it is bent along its axis. After checking the material, following the arrangement of the Figure “*Chimney assembly layout*”, install the support plate (to be fastened to the wall) ensuring that it is stable and perfectly levelled to avoid compromising the verticality of the chimney. Above the support plate, position the inspection tee and condensate collector mating the coupling with the flue leading from the boiler. Then position the sections needed to reach the required height coupling them with male-female joints and fastening them to the wall every metre using the special brackets. For installations that are not vertical, fasten each joint to the wall. When the required height has been reached, taking account of the minimum compulsory heights by law and of the maximum projecting height (0.94 m), install the terminal securing it to the chimney using special rivets (not supplied). During assembly you are recommended to check that the silicone seals are inside their housings and the correct positioning of the smoke direction arrow printed on the sticker of every section. If accidental human contact is possible, it is necessary to provide protective shields at a distance of at least 100 mm. After installation affix the chimney data plate following the instructions of the “CHIMNEY DATA PLATE” paragraph.



*"Chimney assembly layout" figure*



### MAINTENANCE

Good maintenance of the system for evacuating the products of combustion involves the following operations at routine intervals (at least once a year):

- checking the correct jointing between sections;
- checking for any leaks of products of combustion from the jointing between sections;
- checking the conditions and intactness of the inner surface, cleaning and removing any deposits on the wall itself; for cleaning, materials or tools must be used that do not alter the physical or operating features of the products (in particular, never use black steel brushes);
- removal, through the inspection opening of any solid substances that may impede the correct flow of condensate or rain water through the condensate drain.

### GUARANTEE

The guarantee is invalidated when: the system is not installed following the rules of good workmanship; system installation and maintenance are carried out by technicians who are not qualified in accordance with the provisions of Law no. 46/90 dated 05/03/1990; the original features of products are altered.

### CHIMNEY DATA PLATE

The chimney comes with a durable, adhesive data plate ("*Chimney data plate*" figure), which must be completed and affixed in a clearly visible position on the chimney, cover or casing in such a way as to be accessible for subsequent controls. PUCCI Srl will supply a new data plate to anyone so requiring, if it is missing or unusable for any reason.

### INSTRUCTIONS FOR COMPLETING THE CHIMNEY DATA PLATE




The plate must be completed by the installer and contain:

- chimney designation according to Std. EN 1443
- chimney nominal inside diameter (in mm)
- minimum distance from combustible (in mm)
- installer's details
- date of installation



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COMPONENTS AND ACCESSORIES FOR GAS BOILERS

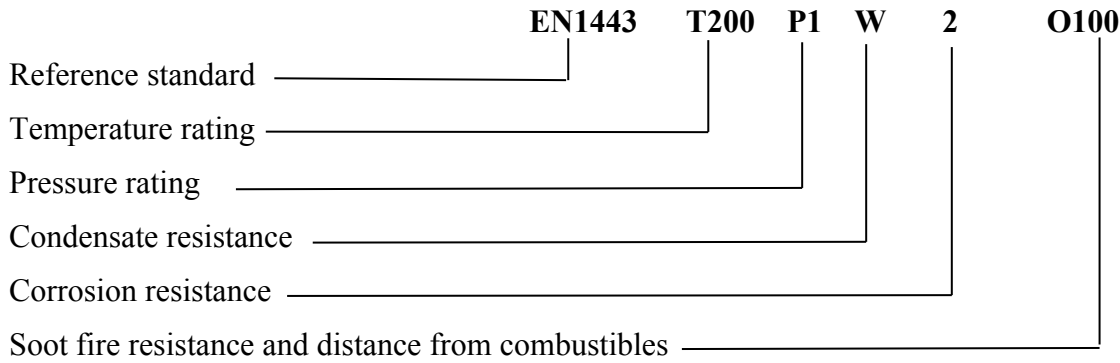
 <b>PUCCI Srl</b>	 06 0051 0051-CPD-0080
This plate must be completed by the installer	
Designation in accordance with EN 1443	
Nominal diameter	mm
Distance to combustible material	mm → 
Date of installation	
Installer data (name, address)	
<b>ATTENTION: this plate must not be removed or modified.</b>	

*"Chimney data plate" figure*

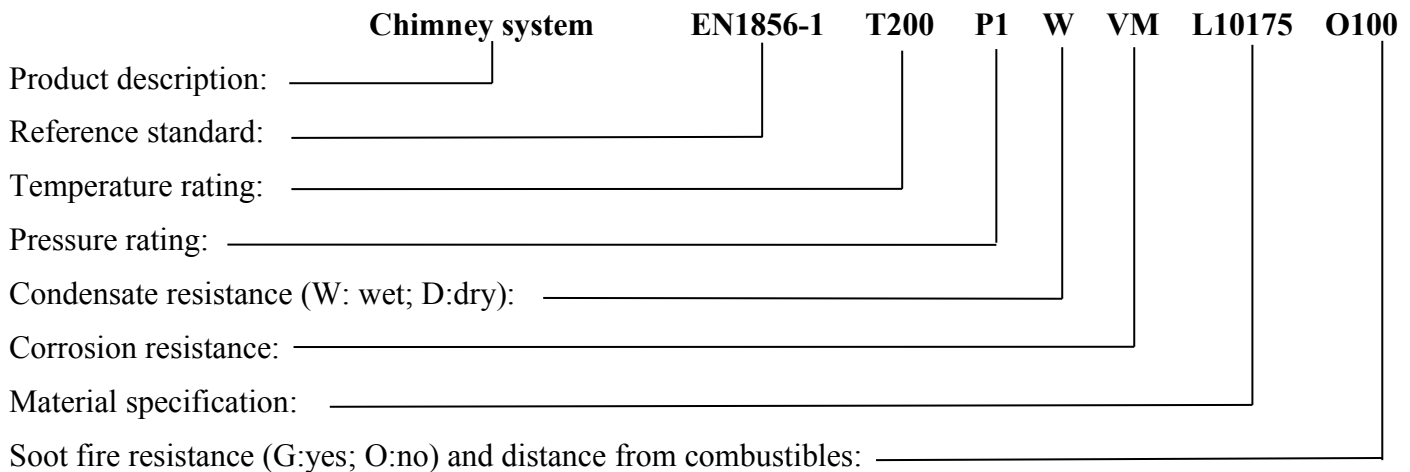


### MEANING OF THE DESIGNATION

An example of designation according to Std. EN 1443 with the relevant explanation is:



An example of designation according to Std. EN 1856-1 with the relevant explanation is:



### DECLARATION

Compressive strength – Maximum load: 10 m of chimney sections

Flow resistance – Average roughness of linear sections: 1 mm – Flow resistance coefficient of terminals:  $\zeta = 3,25$

Thermal resistance – Not applicable

Wind load resistance – Maximum height above last restraint: 0,94 m – Maximum distance between two consecutive supports: 1 m

Declaration of conformity will be supplied on demand.



### REFERENCE STANDARDS

The reference standards are:

UNI EN 1856-1:2005 “*Chimneys – Requirements for metal chimneys - Part 1: Products for chimney systems*”

UNI EN 1856-2:2006 “*Chimneys – Requirements for metal chimneys - Part 2: Metal liners and connecting flue pipes*”

UNI EN 1443:2005 “*Chimneys – General Requirements*”

UNI EN 1859:2002 “*Chimneys – Metal chimneys – Test methods*”

### TECHNICAL SERVICE

PUCCI Srl will answer any questions related to the products supplied. When contacting us always state the following:

- type: single or twin wall;
- nominal inside diameter;
- detailed information about any faults noted.

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## PUCCI Srl

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