PRODUCT SHEET · SINGLE-WALL FLUE SYSTEM

Single-wall white PPs, PW series

Rigid plastic flue system for condensing appliances, indoors and for relining a shaft.
From Ø60 to Ø250 mm.

Ø60 - Ø250

EN

The system · pipe, elbow 87°, tee



Technical data

Construction	single wall, rigid, spigot and socket
Material	PPs, white
Wall thickness	2 mm
Diameters	Ø60, 80, 100, 110, 125, 160, 200, 250 mm
Seal	EPDM in every socket
Temperature	T120, flue gas up to 120 °C
Pressure	H1 (5000 Pa) up to Ø160, P1 (200 Pa) from Ø200
Condensate	W (wet), corrosion class 2
Combustible material	20 mm distance (O20), not soot fire resistant
Installation	indoor (LI)
Maximum height	30 m up to Ø100, 15 m Ø110 to 160, 10 m from Ø200

Components and item codes

Component · Ø	60	80	100	110	125	160	200	250
Pipe 25 cm	PW2506	PW2508	PW2510	PW2511	PW25125	PW2516	-	-
Pipe 50 cm	PW5006	PW5008	PW5010	PW5011	PW50125	PW5016	PW5020	PW5025
Pipe 1 m	PW10006	PW10008	PW10010	PW10011	PW100125	PW10016	PW10020	PW10025
Pipe 2 m	PW20006	PW20008	PW20010	PW20011	PW200125	PW20016	PW20020	PW20025
Elbow 45°	PWB4506	PWB4508	PWB4510	PWB4511	PWB45125	PWB4516	PWB4520	PWB4525
Elbow 87°	PWB8706	PWB8708	PWB8710	PWB8711	PWB87125	PWB8716	PWB8720	PWB8725
Elbow 87° with inspection	PWBI8706	PWBI8708	PWBI8710	PWBI8711	PWBI87125	PWBI8716	PWBI8720	PWBI8725
Tee 87°	PWT8706	PWT8708	PWT8710	PWT8711	PWT87125	PWT8716	PWT8720	PWT8725
Tee 87°, Ø80 branch	-	-	-	-	PWTV08125	PWTV08160	PWTV08200	PWTV08250
Tee 87°, Ø100 branch	-	-	-	-	PWTV10125	PWTV10160	PWTV10200	PWTV10250
Inspection length	PWI06	PWI08	PWI10	PWI11	PWI125	PWI16	PWI20	PWI25
Condensate drain cap	PWRBK06	PWRBK08	PWRBK10	PWRBK11	PWRBK125	PWRBK16	PWRBK20	PWRBK25
Clip-in terminal grille	PWHI60	PWHI80	PWHI100	PWHI110	PWHI125	PWHI160	PWHI200	PWHI250
Anti-drip terminal with grille	PWHOI60	PWHOI80	-	-	-	-	-	-
Shaft cover plate with air inlet	PWSAL060	PWSAL080	PWSAL100	PWSAL110	PWSAL125	PWSAL160	PWSAL200	PWSAL250
Non-return valve for cascade and shared flue	PWTK06	PWTK08	-	PWTK11	-	-	-	-
Cascade collector, Ø110 branch	-	-	-	-	PWC125	PWC160	PWC200	PWC250
Roof terminal	-	-	-	-	-	PWDVC16	-	-
Lead flashing, roof pitch 25 to 45°	-	-	-	-	-	PWLS16	-	-
Roof cap, black	-	-	-	-	-	PWALUP3308	-	-

Also in the series: concentric and eccentric increasers (PWVG.., PWVGE..), reducers (PWVK..), non-return valve for positive pressure Ø80 and Ø100 (PPklep08, PPklep10), siphon with float (sifonv2s) and reducing elbow 87° from Ø60 to Ø80 (1006080b).

Standard and designation · EN 14471

As stated in declaration of performance DoP001_14471 rev.10, designations A and B, CE 2592, certificate 2592-CPR-0001.

Ø	designation
60-160	T120-H1-W-2-O20-LI-E-U
200-250	T120-P1-W-2-O20-LI-E-U

Applications

- **Gas and oil condensing boilers**
  fan assisted, flue gas up to 120 °C
- **Relining an existing chimney**
  with shaft cover plate and terminal
- **Indoor connecting flues**
  outdoors and above the roof: the black PZ series

Fit every pipe with the socket facing up. Condensate then runs back to the appliance or the drain cap.