



COAXIAL AIR-COMBUSTION CHIMNEY DUCT
PAINTED WHITE

KS KKKZ S SLIMK P M K P D
K Z D K K S W R D K D K N S W R
D K P K P D K D K T N K A D K Z
D S L I M K Z D K B K O K P **K P M**
K P D S W R K N K A K K D K Z D
K Z D K T K D S L I M K D S W R
K K D K P M K P K Z D K A K K D
S W R D K A K P M S L I M K P D
N K A D K P M K K D K P K T K S
S L I M K K K Z D K B K Z D K K D
K T K P M K K D S W R K T D K N
K K S W R D K Z D K P K B K Z S

KPM / ACCD

Characteristics of KPM system

This system, known also as Aerial-Combustion Coaxial Duct (ACCD), can be described as highly efficient and suitable to use in extreme conditions - removing wet fumes from gas or oil burning appliances. Coaxial pipes are characteristic for that system as well as its "pipe in pipe" construction. This system can be described as highly efficient and suitable to use in extreme conditions - removing wet fumes from gas or oil burning appliances. With the aim of external duct fumes are taken out of heating appliance. External chimney duct is made of stainless steel. External duct is made of acid resistant stainless steel. Additional external duct was equipped with gaskets that provide tightness of connections as well as safety to the system users. The elements of the KPM system are painted in white.

The main features of the KPM system



The best quality



Pipe in pipe construction in white



Design and manufacturing accuracy



Easy installation

When KPM system is to be used and what are its advantages

Condensate boiler is the very first and most relevant aspect that decides whether to choose that system. Condensate boilers besides taking advantage of heat produced during combustion process, recover the heat from condensate present in chimney ducts. This additional "bonus of energy" is recognized as an additional surplus.

The specification of such a boiler requires application of chimney system of special material parameters as well as proper structure. First of all the system must be made of stainless steel, because during the combustion process of gas or fuel oil, some acidic oxides come into existence and react with water to form an acid.

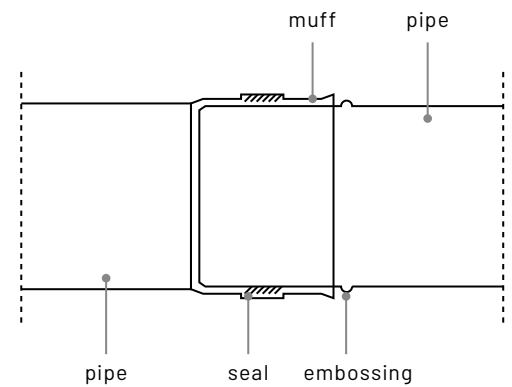
Tightness of connections constitutes another relevant aspect. The tightness of the system is important because of following two reasons. As in every chimney system it is important that poisonous post-combustions do not get out of chimney ducts in places where it is considered as forbidden. Connection of elements should constitute a permanent barrier for condensates flowing off the walls of chimney shaft.

Technical data

Destination	Closed chamber heating appliances
Fuel type	Gas/ fuel oil
Available diameters	Dn 60/100 -Dn 100/150, larger diameters upon individual request
Steel thickness	0,5 mm
Thickness of jacket steel	0,5 mm
Type of jacket steel	1.4301, 1.4404, 1.4301 or other according to PN-EN 1856-1
Type of connection	Socket with gasket
Temperature class	T 200
Pressure class	P2 (pressure of 200Pa)
Operation mode	Positive pressure
Condensate resistance	W
Corrosion resistance	Vm

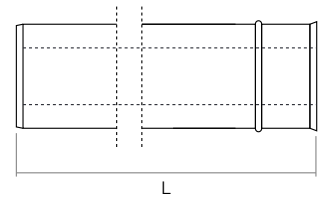
Connection of KPM system components

KPM system components are connected by socket system. Thanks to such connection the structure of the liner is stiff and connections are tight



White pipe

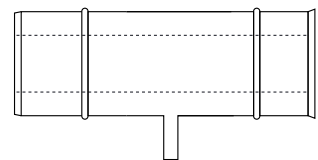
Index	KPM-R10	KPM-R05	KPM-R02
L [mm]	1000	500	250



Diameters [mm]	60/100	80/125	100/150
Available steel thickness [mm]	0,5	0,5	0,5

White pipe with condenser

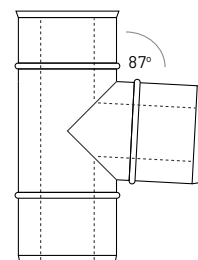
Index	KPM-R02-0
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Diameters [mm]	60/100	80/125	100/150
Available steel thickness [mm]	0,5	0,5	0,5

White tee-pipe 87°

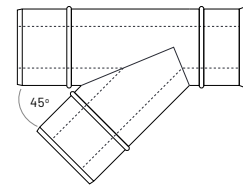
Index	KPM-TR87
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Diameters [mm]	60/100	80/125	100/150
Available steel thickness [mm]	0,5	0,5	0,5

White tee-pipe 45°

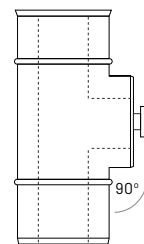
Index KPM-TR45



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White cleanout tee with cover

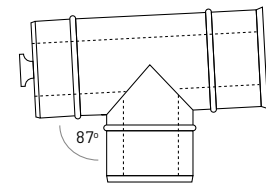
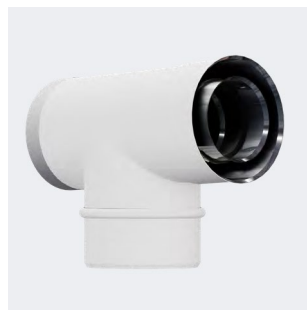
Index KPM-WTD



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White horizontal cleanout tee with cover 87°

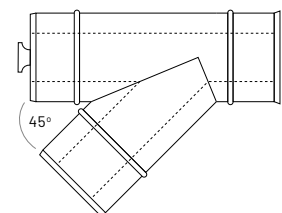
Index KPM-WTDP87



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White horizontal cleanout tee with cover 45°

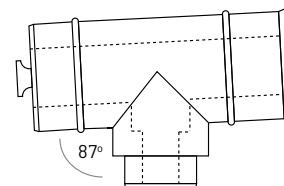
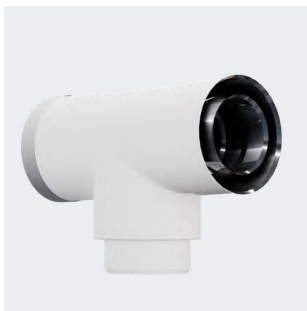
Index KPM-WTDP45



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White horizontal cleanout reduction-tee with cover 87°

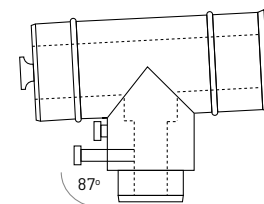
Index KPM-WTDPR87



Diameters	[mm] 60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm] 0,5	0,5

White horizontal cleanout reduction-tee with cover and connection 87°

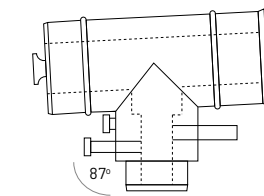
Index KPM-WTDPRK87



Diameters	[mm] 60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm] 0,5	0,5

White horizontal cleanout reduction-tee with cover, condenser and connection 87°

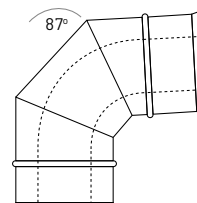
Index KPM-WTDPRK87-0



Diameters	[mm] 60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm] 0,5	0,5

White elbow 87°

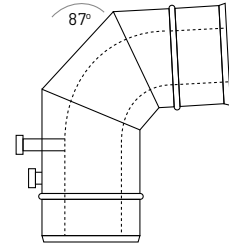
Index KPM-K87



Diameters	[mm] 60/100	80/125	100/150
Available steel thickness	[mm] 0,5	0,5	0,5

White elbow 87° with connection

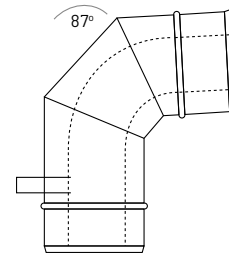
Index KPM-KKC87



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White elbow 87° with condenser

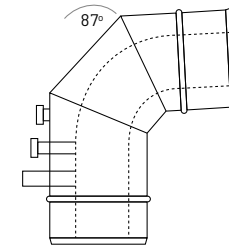
Index KPM-K87-0



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White elbow 87° with connection and condenser

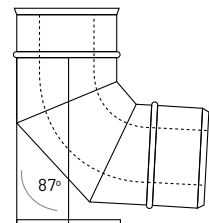
Index KPM-KKC87-0



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White elbow 87° with footer

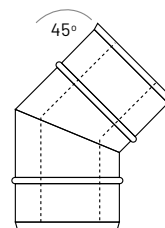
Index KPM-KS87



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White elbow 45°

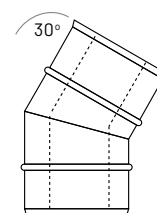
Index KPM-K45



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White elbow 30°

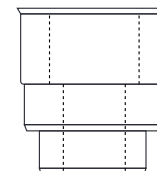
Index KPM-K30



Diameters	[mm]	60/100	80/125	100/150
Available steel thickness	[mm]	0,5	0,5	0,5

White reduction

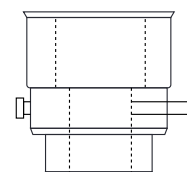
Index KPM-R



Diameters	[mm]	60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm]	0,5	0,5

White reduction with connection

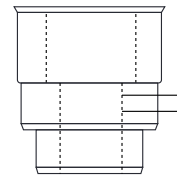
Index KPM-RKC



Diameters	[mm]	60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm]	0,5	0,5

White reduction with condenser

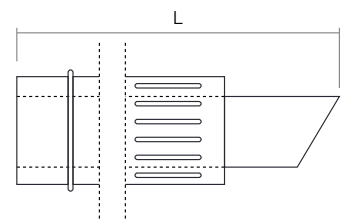
Index	KPM-R0
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Diameters	[mm] 60/100 - 80/125	80/125 - 100/150
Available steel thickness	[mm] 0,5	0,5

White horizontal flue gas out

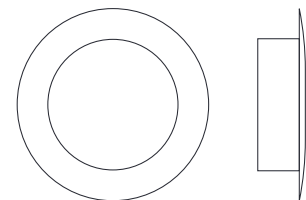
Index	KPM-ZB10	KPM-ZB05	KPM-ZB02
L	[mm] 1000	500	250



Diameters	[mm] 60/100	80/125	100/150
Available steel thickness	[mm] 0,5	0,5	0,5

White smooth rosette

Index	KPM-RZG
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Diameters	[mm] 60/100	80/125	100/150
Available steel thickness	[mm] 0,5	0,5	0,5

White basic set

Index	PAK-KP-MAL
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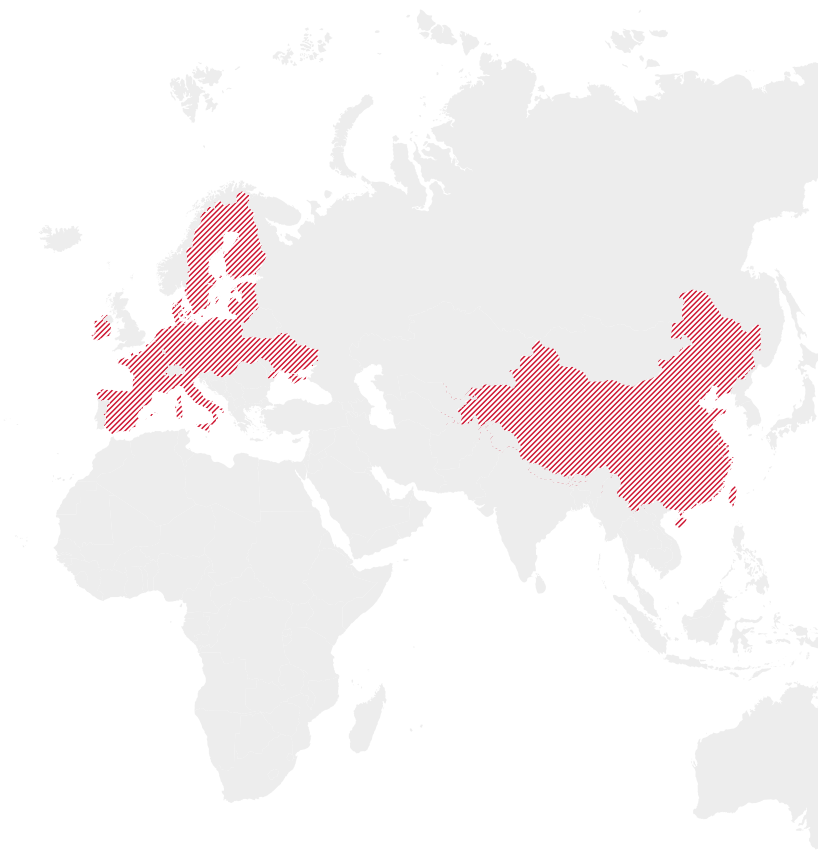
Index	Elements of the set
KP-PZ	Vertical flue gas out with pass-through
KPM-R05	White pipe L=500mm
KK-KS87	Elbow 87° with footer
KA-RZM	White smooth rosette
KPM-WTDP87	White horizontal cleanout tee with cover 87°



We are open to the whole world!

The great capacity of our production facilities and the experience we have gained over many years allows us to develop our company through international cooperation. As a result, we are looking beyond the borders of Poland.

To this date, the steel components we produce have been supplied to European countries such as Austria, Germany, France, Italy, Sweden, Finland, Denmark, the Netherlands, the Czech Republic, Slovakia, and Lithuania, among others.



Count on an experienced company! Get in touch with us!

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We Are Made of Steel




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