



VENTILATION SYSTEM - RECTANGULAR DUCT SYSTEM

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

# SWP

## Characteristics of SWP system

SWP system - rectangular ducts and fittings made of galvanized steel for ventilation systems. Galvanized steel according its materials property finds a perfect use for ventilation systems. Parts made of galvanized steel are lightweight what is relevant for the whole structure of ventilation system. Mostly a ventilation is considered as suspended system. It is visible to the naked eye especially in big industrial plants with numerous ventilation ducts. Additionally the price of galvanized elements is very attractive for customers.



### The main features of the SWP system



The best quality



Made of galvanized steel



Design and manufacturing accuracy



Possibility of personalisation

### Technical data

Destination	ventilation
Available dimensions	640 - 2600 mm, larger dimensions upon individual request
Steel thickness	0,5 mm
Type of steel	galvanized

# SWP

## Importance of ventilation system

Ventilation technology constitutes currently one of the most important branches within the construction industry. Increase of people's expectations towards quality of life, industry development and many other factors have influenced housing conditions. Owing to that fact, the aspect of proper work of ventilation systems has taken on a new, special light.

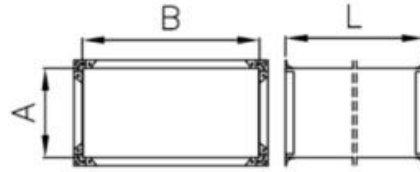
Key activity of a ventilation system is to provide proper air circulation between the room and the surrounding area. In the case of natural ventilation, cool air flows through the leakages in windows or walls and then it mixes with warm air. Afterwards, warm air leaves the room through the ventilation grille or special systems of ducts. The whole air circulation proceeds continuously without any interruptions. Its wrong operation can lead to many problems such as: steamed-up windows, mould, or fungi, high humidity inside the room with wooden floor or furniture, because it leads to its swelling.

Another evidence of improper functioning of ventilation is condensed steam, that appears on many surfaces. Additionally, improper air circulation has a wrong influence on the well-being of people present in a room. It could cause also an allergy. Because of the above-mentioned reasons, a properly working ventilation system is of key importance.



### Rectangular duct L=1000 mm

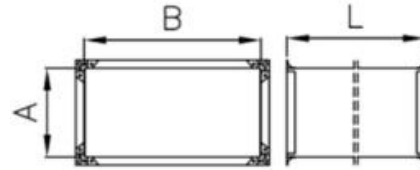
Index SWP-P10-OC



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Rectangular duct L=500 mm

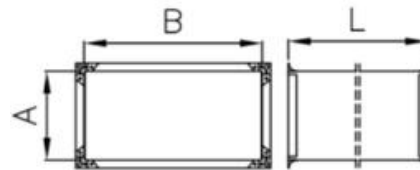
Index SWP-P05-OC



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Rectangular duct L=250 mm

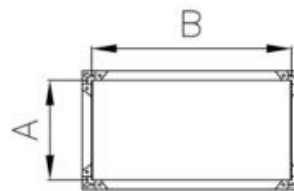
Index SWP-P02-OC



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Mainframe

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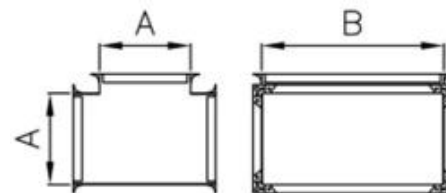


Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Tee-pipe 90°

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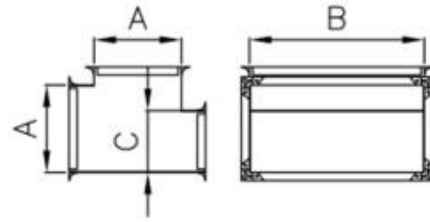
Diameters [mm] 120 130 140 150 160 180 200



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Reducing tee-pipe 90°

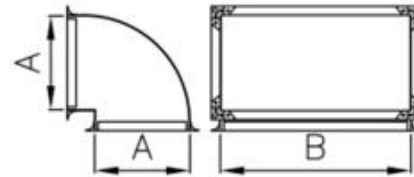
Index SWP-TR90-OC



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Elbow 90°

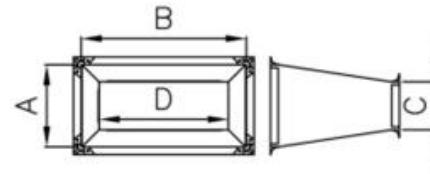
Index SWP-K90-OC



Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Straight symmetric reduction

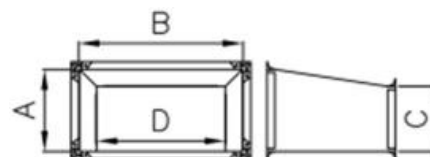
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Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### Straight asymmetric reduction

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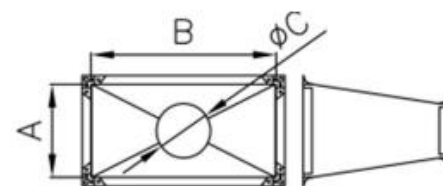


Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

### C-R symmetric reduction

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Diameters [mm] 120 130 140 150 160 180 200

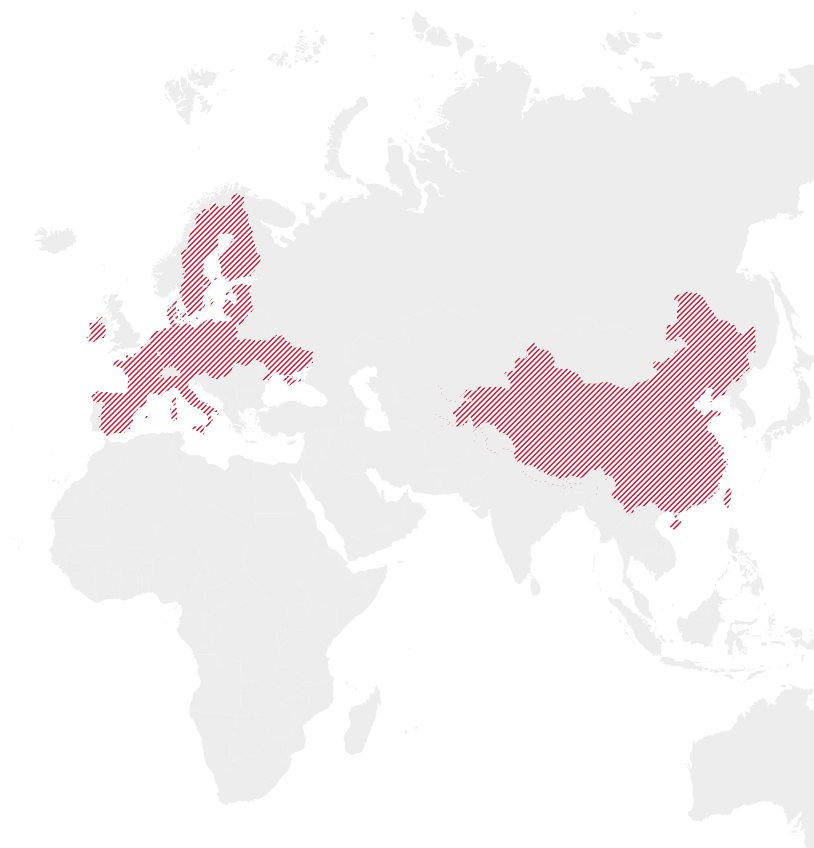


Dimensions [mm] 2xA + 2xB 640 - 800 801 - 1000 1001 - 1200 1201 - 1400 1401 - 1600 1601 - 1800 1801 - 2000 2001 - 2200 2201 - 2400 2401 - 2600

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