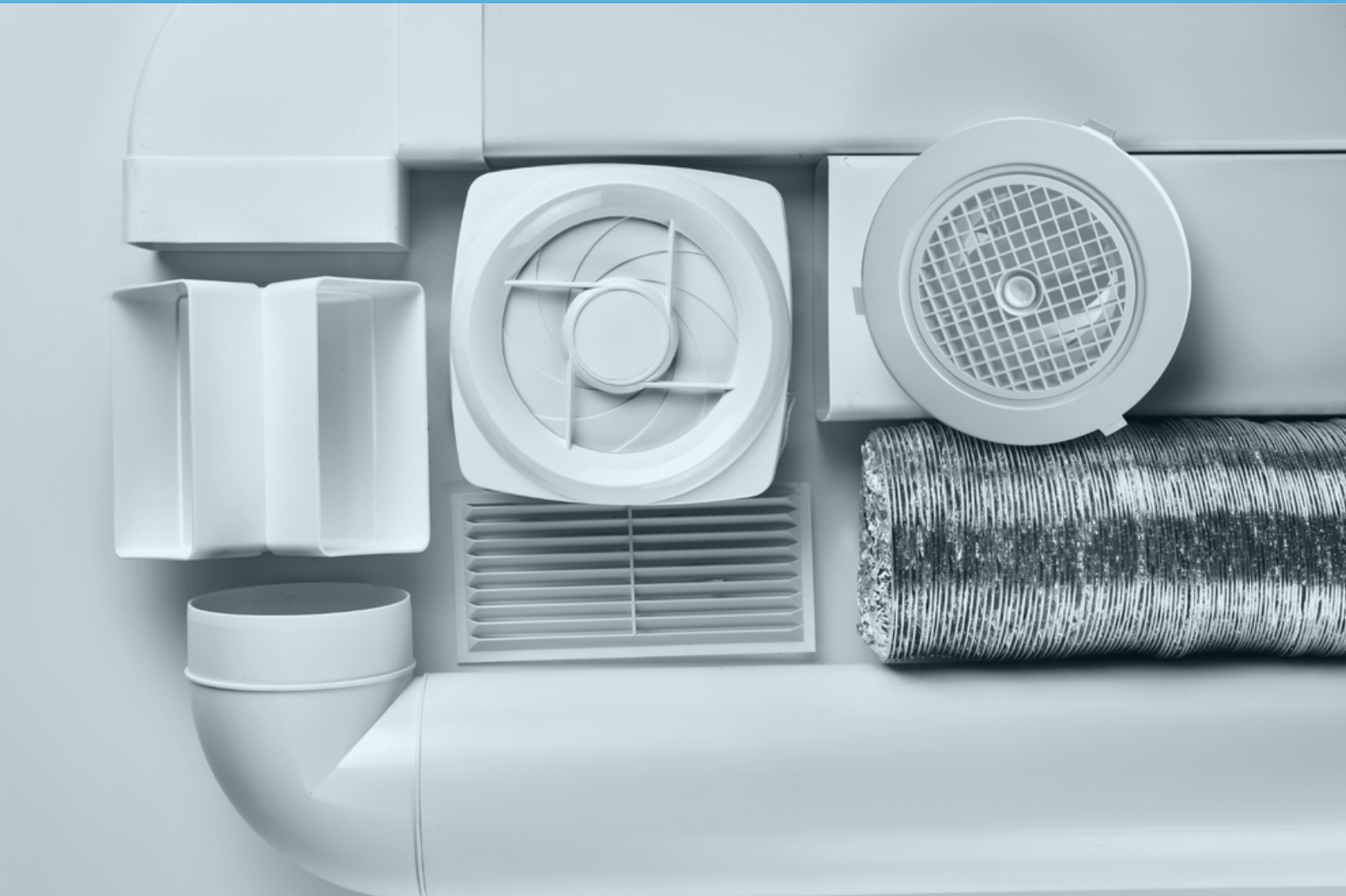




# DUCT & FITTINGS



**VENTÜER**

Engineered Ventilation Products & Systems



*While we have made every attempt to ensure that the information contained in this document is accurate, Ventüer is not responsible for any errors or omissions, or for the results obtained from the use of the information. Due to a policy of continuous development and improvement, the right is reserved to supply products which may differ slightly from those described in this document.*

# OUR MISSION

**To supply engineered ventilation products and systems that enable our clients to create healthy, comfortable and code-compliant buildings.**

Ventilation of indoor spaces has never been more important, with an increasing percentage of the world's population spending more time living, working and playing indoors.

***Recognising the need for ventilation is easy. Delivering products and systems that create a healthy and comfortable indoor environment, comply with building code requirements, and work with the other building elements is not.***

Ventüer works with architects, builders and installation contractors. Since 2009 we have been designing, manufacturing and guaranteeing ventilation products and systems for a wide range of commercial, industrial and residential construction projects.

When partnering with Ventüer, you can have confidence that the ventilation products and systems provided to your construction project are well designed, fit for purpose and code-compliant. We eliminate the risks associated with incorrect product selection or poor installation methodology, leaving you with high performing buildings that delivers health, comfort and safety to their occupants.

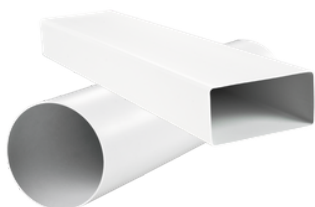
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***We take the responsibility, the risk and the care.***

***You take the credit for the successful end result.***

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# RANGE OVERVIEW



## PVC Duct

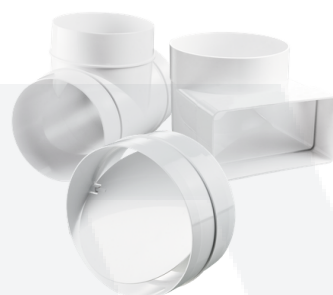
PVC ducting is ideally suited for supply and exhaust ventilation in residential applications. The smooth inner surface creates minimal pressure loss, resulting in improved air flow and minimal noise. Compact sizing makes this duct system ideal for both new builds and refurbishments.

[Page 6]

Ventüer supplies an extensive range of PVC duct fittings designed for use with the standard flat and round Ventüer PVC duct. This provides a complete system which is robust, customisable and quick to install.

## PVC Duct Fittings

[Page 7]



## Nude Flexible Duct

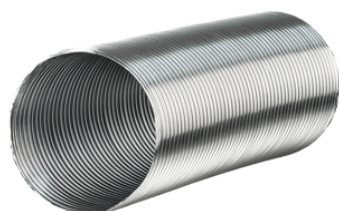
Simple, cost effective and easy to install, the Ventüer nude flexible duct is perfect for both supply and exhaust ventilation. Fire rated and suitable for both high and low pressure applications.

[Page 10]

As with the nude flexible duct, Ventüer insulated flexible duct is ideal when working in tight spaces, and also cost effective. Thermally insulated to minimise heat transfer and provide maximum efficiency.

## Insulated Flexible Duct

[Page 11]



## Semi-Rigid Duct

The Ventüer semi-rigid duct is a flexible aluminium duct designed for high aerodynamic performance and durability. Manufactured from non-combustible, corrosion resistant material, it is also 100% hermetic due to a high quality lock seam.

[Page 12]

Ventüer flexible duct fittings make creating, joining, and enlarging a flexible duct system simple! Ventüer has an extensive range of non-insulated and insulated fittings suitable for all sizes and applications.

## Flexible Duct Fittings

[Page 13]



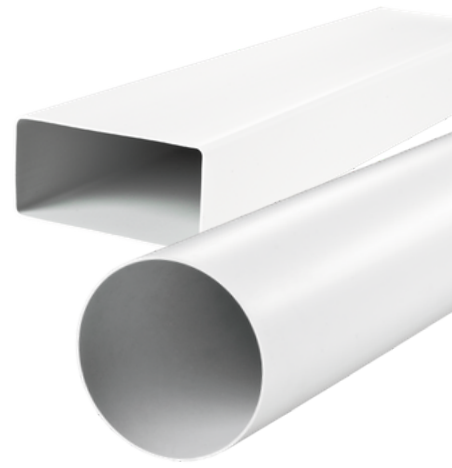




VENTÜER

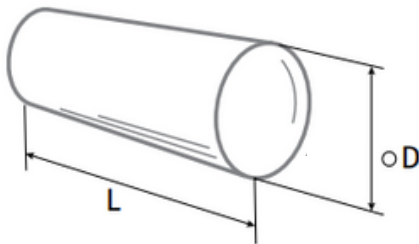


# PVC DUCT

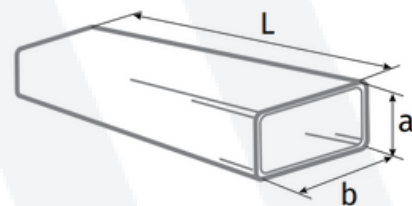


## FEATURES:

- Smooth inner surface ensures low air resistance and low noise level in the system.
- Wide range of available components allows designs of any configuration and complexity.
- Exact matching of the components ensures perfect connection and integration into the ventilation system.
- Modular design and simple fixing systems results in quick installation.
- Compact sizes make the system ideal for installations in locations where space is restricted.

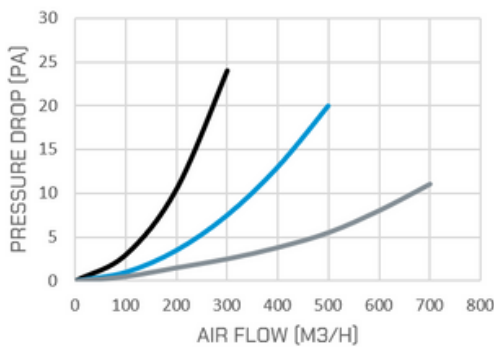


ROUND DUCT		
Product Code	D (Diameter)	L (Length)
PCD100-10	100mm	1000mm
PCD125-25	125mm	2500mm
PCD150-25	150mm	2500mm



FLAT DUCT		
Product Code	a x b (mm)	L (Length)
PRD2046-25	60 X 204	2500mm
PRD2209-25	90 X 220	2500mm
PRD3007-20	70 X 300	2000mm

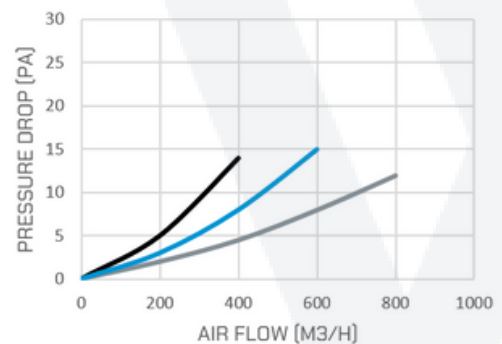
### ROUND DUCT



— PCD100-10 — PCD125-25 — PCD150-25

*Data is for 1000mm duct length*

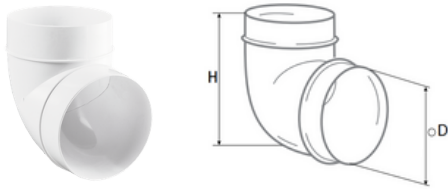
### FLAT DUCT



— PRD2046-25 — PRD2209-25 — PRD3007-20

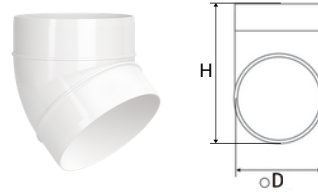
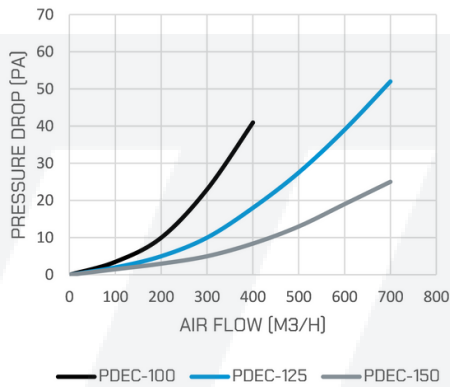
*Data is for 1000mm duct length*

# PVC DUCT FITTINGS



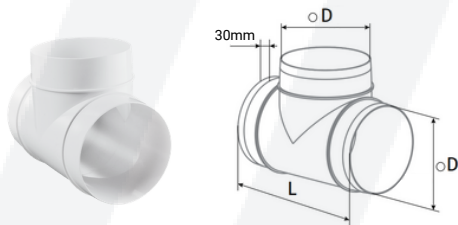
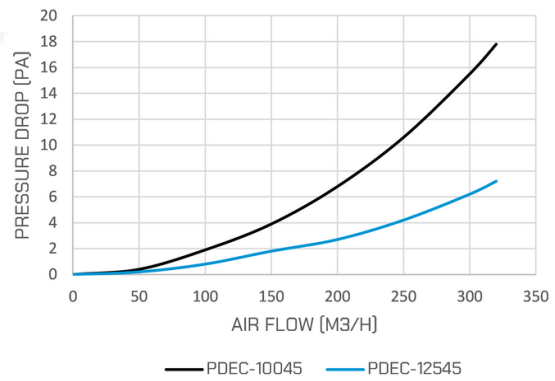
## ROUND DUCT ELBOW 90°

Product Code	D (Diameter)	H (Height)
PDEC-100	100mm	137mm
PDEC-125	125mm	164mm
PDEC-150	150mm	189mm



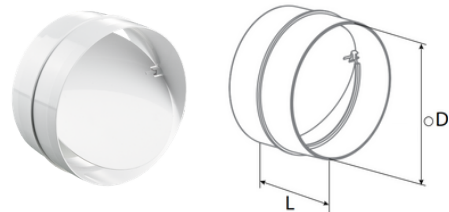
## ROUND DUCT ELBOW 45°

Product Code	D (Diameter)	H (Height)
PDEC-10045	100mm	129mm
PDEC-12545	125mm	162mm



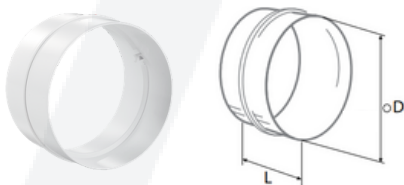
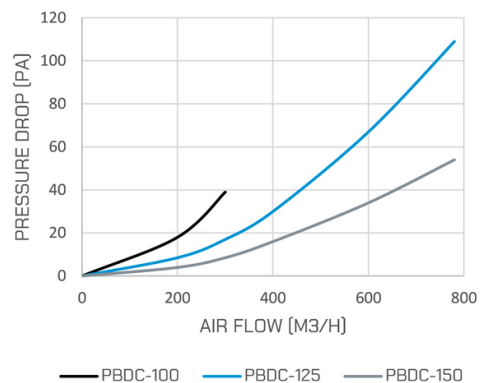
## ROUND DUCT T-JOINT

Product Code	D (Diameter)	H (Height)
PTJC-100	100mm	137mm
PTJC-125	125mm	164mm
PTJC-150	150mm	189mm



## ROUND DUCT BACKDRAFT DAMPER

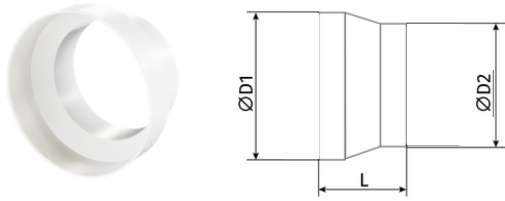
Product Code	D (Diameter)	H (Height)
PDBC-100	96mm	62mm
PDBC-125	123mm	62mm
PDBC-150	148mm	62mm



## ROUND DUCT JOINTER

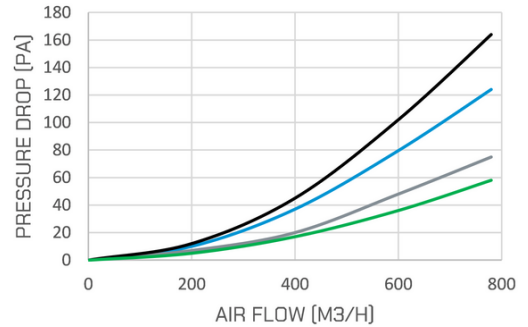
Product Code	D (Diameter)	L (Length)
PDJC-100	100mm	62mm
PDJC-125	125mm	62mm
PDJC-150	150mm	62mm

# PVC DUCT FITTINGS

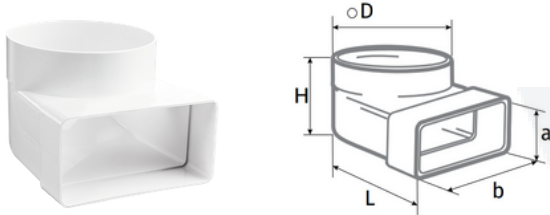


## ROUND DUCT REDUCER

Product Code	D1 (Diameter)	D2 (Diameter)	L (Length)
PRC-125100	125mm	100mm	60mm
PRC-150100	150mm	125mm	60mm

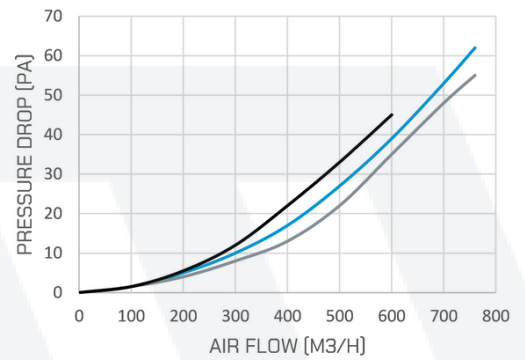


— PRC-125100 Contractor — PRC-125100 Diffuser  
— PRC-150100 Contractor — PRC-150100 Diffuser

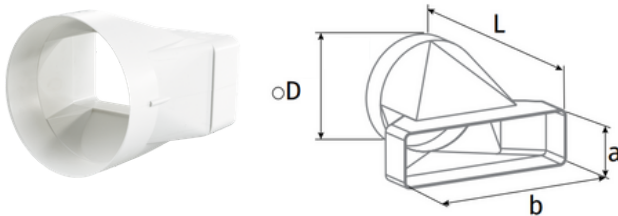


## ROUND TO FLAT RANGEHOOD ADAPTOR

Product Code	D (Diameter)	a x b	L (Length)	H (Height)
PARCV-1502046	150mm	60mm X 204mm	220mm	92mm
PARCV-1502209	150mm	90mm X 220mm	230mm	120mm
PARCV-1503007	150mm	70mm X 300mm		

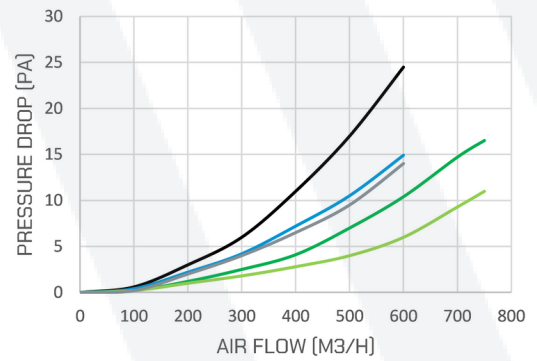


— PARCV-1502046 — PARCV-1502209  
— PARCV-1503007

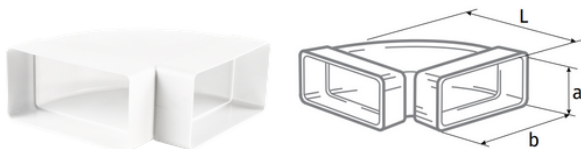


## ROUND TO FLAT CONNECTOR

Product Code	D1 (Diameter)	a x b	L (Length)
PARCS-1252046	125mm	60mm x 204mm	140mm
PARCS-1502046	150mm	90mm x 220mm	165mm
PARCS-1502046	150mm	70mm x 300mm	

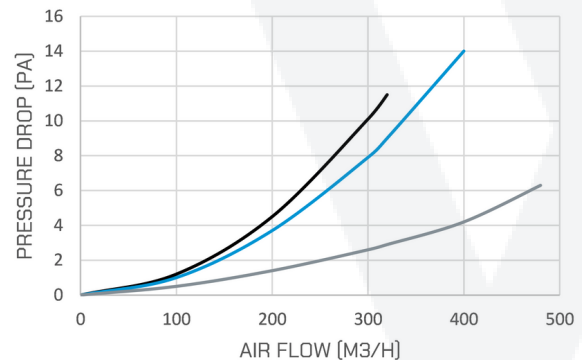


— PARCS-1252046 Contractor — PARCS-1252046 Diffuser  
— PARCS-1502209 Contractor — PARCS-1502209 Diffuser  
— PARCS-1503007



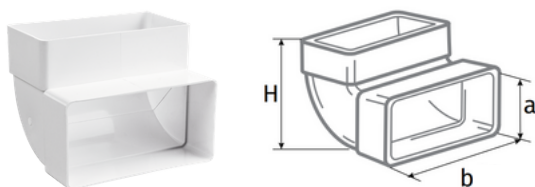
## FLAT DUCT HORIZONTAL ELBOW

Product Code	a x b	L (Length)
PHER90-2046	60mm X 204mm	238mm
PHER90-2209	90mm X 220mm	262mm
PHER90-3007	70mm X 300mm	



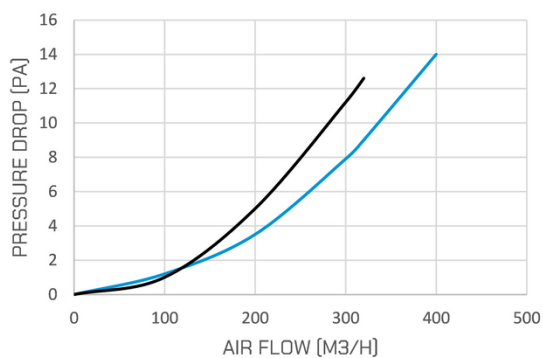
— PHER90-2046 — PHER90-2209  
— PHER90-3007



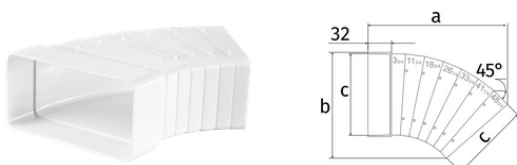


**FLAT DUCT VERTICAL ELBOW**

Product Code	a x b	H (Height)
PVER90-2046	60mm X 204mm	103mm
PVER90-2209	90mm X 220mm	130mm

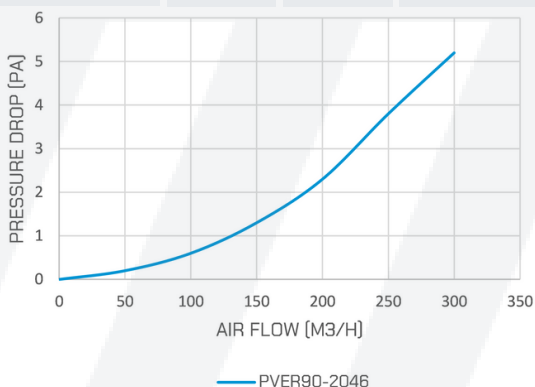


— PVER90-2046 — PVER90-2209

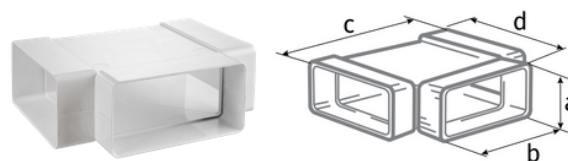


**FLAT DUCT FLEXIBLE CORNER JOINT**

Product Code	a	b	c
PVER90-2046	286mm	247mm	60mm X 204mm



— PVER90-2046



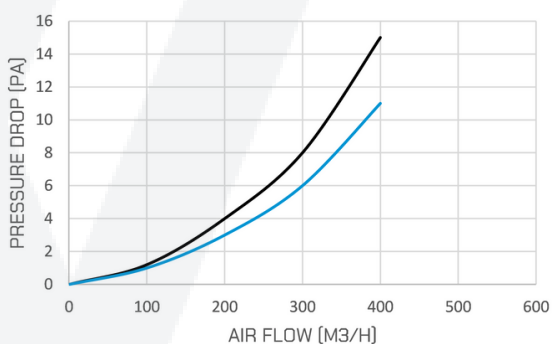
**FLAT DUCT T-JOINT**

Product Code	a x b	c x d
PTJR-2046	60mm X 204mm	288mm X 248mm
PTJR-2209	90mm X 220mm	296mm X 261mm
PTJR-3007	70mm X 300mm	

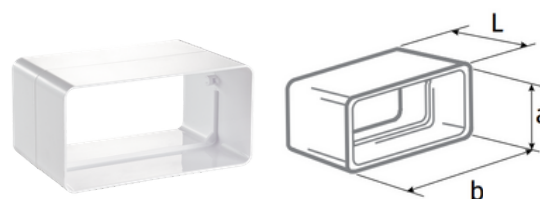


**FLAT DUCT BACKDRAFT DAMPER**

Product Code	a x b	L (Length)
PBDR-2046	60mm X 204mm	62mm
PBDR-2209	90mm X 220mm	62mm

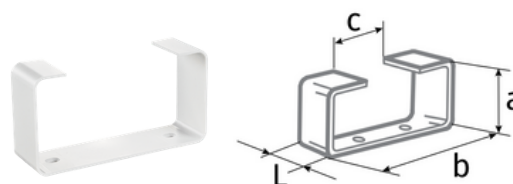


— PBDR-2046 — PBDR-2209



**FLAT DUCT JOINTER**

Product Code	a x b	L (Length)
PDJR-2046	60mm X 204mm	62mm
PDJR-2209	90mm X 220mm	62mm
PDJR-3007	70mm X 300mm	



**FLAT DUCT HOLDER**

Product Code	a x b	c	L
PHDR-2046	65mm X 209mm	169mm	40mm
PHDR-2046	95mm X 227mm	175mm	20mm

# NUDE FLEXIBLE DUCT

## FEATURES

- Flexible and robust - ideal for tight spaces.
- Low resistance to airflow when installed correctly.
- Fully encapsulated spring steel wire.
- Flame resistant dry lamination adhesive resin.
- Suitable for both high and low pressure applications.
- Significantly dampens mechanical vibrations.
- Fire rated.



## NUDE FLEXIBLE DUCT

Product Code	Diameter	Length	Notes
FDN100-3	100mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN100-6	100mm	6m	Fire rated, operating pressure -190Pa to +1200Pa
FDN125-3	125mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN125-6	125mm	6m	Fire rated, operating pressure -190Pa to +1200Pa
FDN150-3	150mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN150-6	150mm	6m	Fire rated, operating pressure -190Pa to +1200Pa
FDN200-3	200mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN200-6	200mm	6m	Fire rated, operating pressure -190Pa to +1200Pa
FDN250-3	250mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN250-6	250mm	6m	Fire rated, operating pressure -190Pa to +1200Pa
FDN300-3	300mm	3m	Fire rated, operating pressure -190Pa to +1200Pa
FDN300-6	300mm	6m	Fire rated, operating pressure -190Pa to +1200Pa

# INSULATED FLEXIBLE DUCT



## FEATURES

- Thermally insulated.
- Significantly dampens mechanical vibrations.
- Fire rated.
- Low resistance to airflow when correctly installed.
- Fully encapsulated spring steel wire.
- Flame resistant dry lamination adhesive resin.
- Suitable for both high and low pressure applications.
- UV resistant.

## INSULATED FLEXIBLE DUCT

Product Code	Diameter	Length	R Value	Notes
FDI100-3	100mm	3m	R0.6	Fire rated, operating pressure -190Pa to +1200Pa
FDI100-6	100mm	6m	R0.6	Fire rated, operating pressure -190Pa to +1200Pa
FDI125-3	125mm	3m	R0.6	Fire rated, operating pressure -190Pa to +1200Pa
FDI125-6	125mm	6m	R0.6	Fire rated, operating pressure -190Pa to +1200Pa
FDI150-3	150mm	3m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI150-6	150mm	6m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI200-3	200mm	3m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI200-6	200mm	6m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI250-3	250mm	3m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI250-6	250mm	6m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI300-3	300mm	3m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa
FDI300-6	300mm	6m	R1.0	Fire rated, operating pressure -190Pa to +1200Pa

# SEMI-RIGID NUDE DUCT

## FEATURES

- Flexible aluminium duct designed for high aerodynamic performance and durability
- Manufactured from non-combustible, corrosion resistant material
- 100% hermetic seam due to high-quality lock seam



### SEMI-RIGID NUDE DUCT

Product Code	Diameter	Length	Notes
SRN100-3	100mm	3m	Spiral wound flexible aluminium duct
SRN125-3	125mm	3m	Spiral wound flexible aluminium duct
SRN150-3	150mm	3m	Spiral wound flexible aluminium duct
SRN200-3	200mm	3m	Spiral wound flexible aluminium duct
SRN250-3	250mm	3m	Spiral wound flexible aluminium duct
SRN300-3	300mm	3m	Spiral wound flexible aluminium duct

# SEMI-RIGID INSULATED DUCT

## FEATURES

- Flexible aluminium duct designed for high aerodynamic performance and durability
- Manufactured from non-combustible, corrosion resistant material
- 100% hermetic seam due to high-quality lock seam
- Insulated with 25mm Polyester

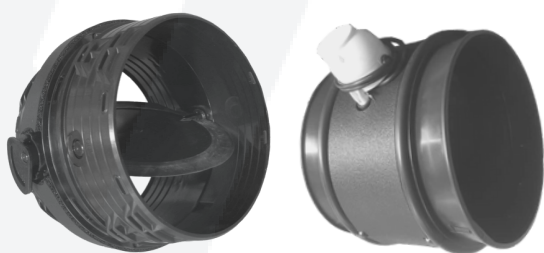
### SEMI-RIGID INSULATED DUCT

Product Code	Diameter	Length	Notes
SRI100-3	100mm	3m	Spiral wound flexible aluminium duct, 25mm insulation
SRI125-3	125mm	3m	Spiral wound flexible aluminium duct, 25mm insulation
SRI150-3	150mm	3m	Spiral wound flexible aluminium duct, 25mm insulation
SRI200-3	200mm	3m	Spiral wound flexible aluminium duct, 25mm insulation
SRI250-3	250mm	3m	Spiral wound flexible aluminium duct, 25mm insulation
SRI300-3	300mm	3m	Spiral wound flexible aluminium duct, 25mm insulation



# FLEXIBLE DUCT FITTINGS

## Inline Filters & Barrel Dampers



INLINE FILTER		
Product Code	Size (duct, filter)	Grade
DF150-F7	150m, 300mm	F7
DF200-F7	200m, 300mm	F7
DF150-G4	150m, 225mm	G4
DF200-G4	200m, 300mm	G4
DF150-HC	150m, 300mm	HEPA / Carbon
DF200-HC	200m, 300mm	HEPA / Carbon
DF150-F7C	150m, 300mm	F7 / Carbon
DF200-F7C	200m, 300mm	F7 / Carbon

REPLACEMENT FILTER		
Product Code	Size (mm)	Grade
FC300-F7	300x300	F7
FC225-G4	225x225	G4
FC300-G4	300x300	G4
FC225-HC	300x300	HEPA / Carbon
FC300-F7C	300x300	F7 / Carbon

BARREL DAMPER		
Product Code	Size (mm)	Type
BDM-150	150	Manual
BDM-200	200	Manual
BDM-250	250	Manual
BDM-300	300	Manual
BDE-150	150	Motorised - 240V
BDE-200	200	Motorised - 240V
BDE-250	250	Motorised - 240V
BDE-300	300	Motorised - 240V

# FLEXIBLE DUCT FITTINGS

## Branch Take Offs, Y-Branches, Neck Adaptors

### BRANCH TAKE OFF - NON INSULATED

Product Code	Size (mm)	Type
BTON-101010	100-100-100	Non Insulated
BTON-121212	125-125-125	Non Insulated
BTON-151515	150-150-150	Non Insulated
BTON-201515	200-150-150	Non Insulated
BTON-202015	200-200-150	Non Insulated
BTON-202020	200-200-200	Non Insulated
BTON-251515	250-150-150	Non Insulated
BTON-252015	250-200-150	Non Insulated
BTON-252020	250-200-200	Non Insulated
BTON-252515	250-250-150	Non Insulated
BTON-252520	250-250-200	Non Insulated
BTON-252525	250-250-250	Non Insulated
BTON-302020	300-200-200	Non Insulated
BTON-302520	300-250-200	Non Insulated
BTON-303020	300-300-200	Non Insulated
BTON-303020	300-300-200	Non Insulated
BTON-303025	300-300-250	Non Insulated
BTON-303030	300-300-300	Non Insulated

### BRANCH TAKE OFF - INSULATED

Product Code	Size (mm)	Type
BTOI-151515	150-150-150	Insulated
BTOI-201515	200-150-150	Insulated
BTOI-201515	200-200-150	Insulated
BTOI-202020	200-200-200	Insulated
BTOI-251515	250-150-150	Insulated
BTOI-252015	250-200-150	Insulated
BTOI-252020	250-200-200	Insulated
BTOI-252515	250-250-150	Insulated
BTOI-252520	250-250-200	Insulated
BTOI-252525	250-250-250	Insulated
BTOI-302020	300-200-200	Insulated
BTOI-302520	300-250-200	Insulated
BTOI-302525	300-250-250	Insulated
BTOI-303020	300-300-200	Insulated
BTOI-303025	300-300-250	Insulated
BTOI-303030	300-300-300	Insulated





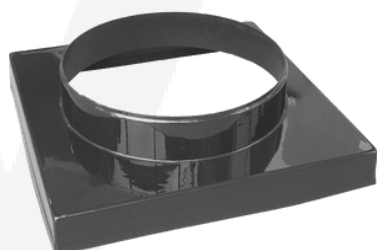
### DOUBLE BRANCH TAKE OFF

Product Code	Size (mm)	Type
DBTN-20151515	200-150-150-150	Non Insulated
DBTN-25151515	250-150-150-150	Non Insulated
DBTN-25201515	250-200-150-150	Non Insulated
DBTN-25202020	250-200-200-200	Non Insulated
DBTN-30202020	300-200-200-200	Non Insulated
DBTN-30252020	300-250-200-200	Non Insulated
DBTN-30252525	300-250-250-250	Non Insulated
DBTN-30302020	300-300-200-200	Non Insulated
DBTI-20151515	200-150-150-150	Insulated
DBTI-25151515	250-150-150-150	Insulated
DBTI-25201515	250-200-150-150	Insulated
DBTI-25202020	250-200-200-200	Insulated
DBTI-30202020	300-200-200-200	Insulated
DBTI-30252020	300-250-200-200	Insulated
DBTI-30252525	300-250-250-250	Insulated
DBTI-30302020	300-300-200-200	Insulated



### Y BRANCH

Product Code	Size (mm)	Type
YTON-151515	150-150-150	Non Insulated
YTON-201515	200-150-150	Non Insulated
YTON-202020	200-200-200	Non Insulated
YTON-252020	250-200-200	Non Insulated
YTON-252525	250-250-250	Non Insulated
YTON-302525	300-250-250	Non Insulated
YTON-303030	300-300-300	Non Insulated
YTOI-151515	150-150-150	Insulated
YTOI-201515	200-150-150	Insulated
YTOI-202020	200-200-200	Insulated
YTOI-252020	250-200-200	Insulated
YTOI-302525	300-250-250	Insulated
YTOI-303030	300-300-300	Insulated



### NECK ADAPTOR

Product Code	Size (mm)
PNA-225150	225 x 225 neck, 150 duct
PNA-225200	225 x 225 neck, 200 duct
PNA-300250	300 x 300 neck, 250 duct
PNA-300300	300 x 300 neck, 300 duct
PNA-375250	375 x 375 neck, 250 duct
PNA-375300	375 x 375 neck, 300 duct



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