



QUADRODEC®
RECTANGULAR DUCTING SYSTEMS

Ductwork

Space saving semi flexible and rigid ventilation channels and ductwork for residential ventilation
A flexible solution where quality is needed and mounting space is critical
A tapeless system, save connection

By a small assortment of pre shaped semi rigid, rigid ductwork and it's accessories, a ventilation system for energy saving houses can be created, with a minimum at efforts and with the **DEC Safefix**® connector the leakage will for fill **Class D according EN12237**.

Dimensions available:
220x55 mm equivalent to Ø125mm: surface 0.0121m²
250x80 mm equivalent to Ø160mm: surface 0.0176m²

Product features and advantages:

- Class A1 according to EN 13501
- Leakage class D EN12237
- Working temperature up to 375°C for galvanized and 250°C for aluminum
- With reinforcement to be used in concrete floors loading weight
- 100% recyclable
- Can be insulated with **DECWRAP**® for the best insulation properties

Rectangular ducting is ideal for fitting in places like kitchens, lavatories or bathrooms concealed above wall units or in wall or ceiling voids due to its low profile. **DEC INTERNATIONAL**® has with the **QUADRODEC**® rectangular ducting systems a complete solution. These systems will cater for most domestic requirements. An important part of the **QUADRODEC**® rectangular ducting system is the semi-flexible duct. These ducts are produced in high quality aluminium or galvanized steel and its semi-flexibility gives the opportunity to create horizontal and vertical 90° bends with ease. As well as the flexible Quadrodec ducts can be extended to 1.5 X the length to overbridge length.

The aluminum version has been approved for fire resistance according to the German norm DIN4102 and to the European norm EN13501-1 and classified as A1.
The galvanized steel version its classification as raw material is according to the German norm DIN4102 and to the European norm EN13501-1 as A1 and M0 in France.

"THE QUADRODEC® RANGE OF SEMI-FLEXIBLE DUCTING ARE STURDY BUT EASY TO MANIPULATE INTO DIFFERENT SHAPES WHILST MAINTAINING A FULL AIRFLOW"

Ducting joints

Although it is perfectly possible to make both horizontal and vertical bends with the **QUADRODEC**® rectangular duct, sometimes it is necessary to use pre-formed joints instead. Also, when 2 ducts need to be joined or splitted, joints come in use.

For all these situations **DEC INTERNATIONAL**® has developed several types of quality joints. All our joints are made of galvanized steel.

LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

PLEASE NOTICE:

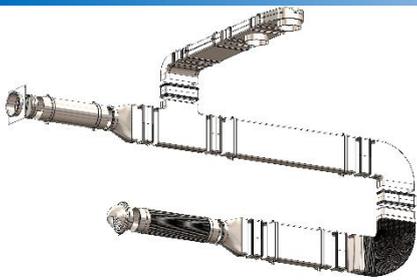
The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

TRADEMARKS:

SEMIDEC, The DEC logo and DEC International are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

RESTRICTIONS:

The SEMIDEC ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ducts suitable for transporting air with a high concentration of acid and base.

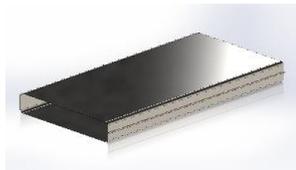


QUADRODEC®

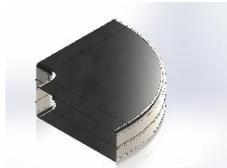
RECTANGULAR DUCTING SYSTEMS

Accessories

Material is zinc coated (hot-dip) - Zinc amount 275 gr/m²
Chrome free - Not oiled - Material thickness 0.5mm (tolerance ± 0.05mm)



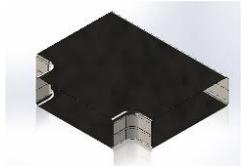
QDP220X55/0,5 - QuadroDEC Pipe 220x55mm 0,5Mtr F/F
QDP250X80/0,5 - QuadroDEC Pipe 250x80mm 0,5Mtr F/F
QDP220X55/1,0 - QuadroDEC Pipe 220x55mm 1Mtr F/F
QDP250X80/1,0 - QuadroDEC Pipe 250x80mm 1,0Mtr F/F



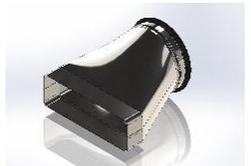
QDH90FF220x55 - QuadroDEC 220X55 Horizontal 90° F/F
QDH90FF250x80 - QuadroDEC 250X80 Horizontal 90° F/F



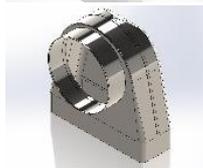
QDV90FF220x55 - QuadroDEC 220X55mm Vertical 90° F/F
QDV90FF250x80 - QuadroDEC 250X80mm Vertical 90° F/F



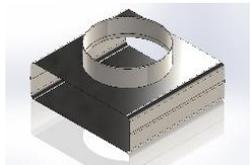
QDTFF220x55 - QuadroDEC T-piece 220x55mm F/F
QDTFF250x80 - QuadroDEC T-piece 250x80mm F/F



QDEFM220x55-125 - QuadroDEC Excentric 220x55 to Round 125mm F/M
QDEFM250x80-160 - QuadroDEC Excentric 250x80 to Round 160mm F/M



QD90FF220x55-125 - QuadroDEC 220X55mm to 125mm 90° F/F
QD90FF250x80-160 - QuadroDEC 250X80mm to 160mm 90° F/F



QDTRFF220x55-125 - QuadroDEC T-piece 220x55mm to 125mm F/F
QDTRFF250x80-160 - QuadroDEC T-piece 250x80mm to 160mm F/F



QDCMM220X55 - QuadroDECsafe Connector 219x54mm M/M
QDCMM250X80 - QuadroDECsafe Connector 249x79mm M/M



QDRB220x55 - QuadroDEC Bracket 220x55mm
QDRB250x80 - QuadroDEC Bracket 250x80mm

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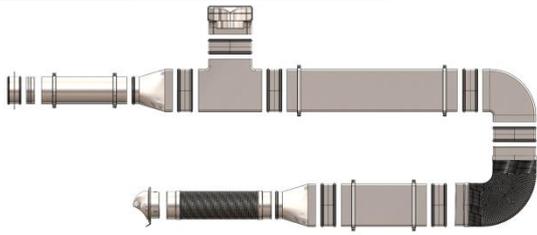
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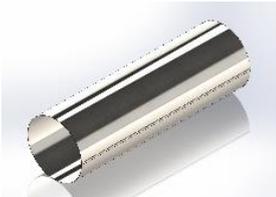
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Material is zinc coated (hot-dip) - Zinc amount 275 gr/m²
Chrome free - Not oiled - Material thickness 0.5mm (tolerance ± 0.05mm)

Accessories



RPFF125/0,5 - Round Pipe 125mm 0,5Mtr F/F
RPFF160/0,5 - Round Pipe 160mm 0,5Mtr F/F
RPFF125/1,0 - Round Pipe 125mm 1Mtr F/F
RPFF160/1,0 - Round Pipe 160mm 1Mtr F/F



RCMM125 - Round Connector 125mm M/M
RCMM160 - Round Connector 160mm M/M



RC45MM125 - Round Connector 125mm 45° M/M
RC45MM160 - Round Connector 160mm 45° M/M



RC90MM125 - Round Connector 125mm 90° M/M
RC90MM160 - Round Connector 160mm 90° M/M



WCMM125 - Wall connector 125mm M/M
WCMM160 - Wall connector 160mm M/M



SBR0125 - RUBBER SPIRAL BENDS 125mm
SBR0160 - RUBBER SPIRAL BENDS 160mm



Quadrodec flexible duct (Aluminium)



Connectdec flex duct, Aluminium



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