

Quadroflex-Quadrofix Flexible Duct Systems



Quadroflex Duct:

Quadroflex is a corrugated, single ply, multi-sided, flat duct with interlocked seams, folded flat and knurled for air-tightness, strength and flexibility. It is primarily used in HVAC applications.



Quadrofix Duct:

Quadrofix is a smooth walled, single ply, multi-sided, flat duct with interlocked seams, folded flat and knurled for air-tightness, strength and flexibility. It is primarily used in ventilation applications where minimal pressure-loss is required. The seam technique makes the duct strong and easy to handle with a weight reduction of up to 50% in comparison to a standard rigid duct.



Quadroflex can be twisted 90° clockwise.



Features:

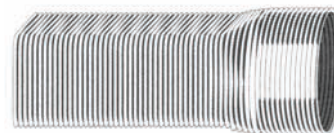
- Ducting is bendable in the longitudinal and lateral axis.
- Quadroflex can be twisted 90° clockwise.
- With all profiles, it is possible to form the ends of the duct to the equivalent round connecting diameter.
- Because of the variety of profiles, a minimum of installation space is required – easily fits into installation shafts.
- Provides a viable alternative for the transport of gas-type mediums in AC applications.
- No special tools are required for installation – easily cuts-to-length.



Quadroflex is available in a variety of materials and configurations.



Quadrofix is a smooth walled duct designed to minimize pressure loss.



Quadroflex can be formed to make transition connections to round duct.

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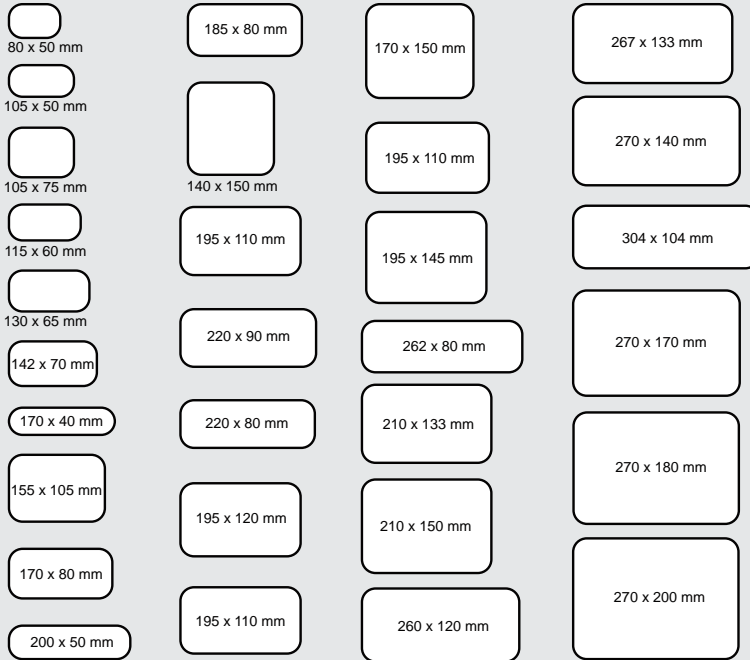


Quadroflex-Quadrofix

Flexible Duct Systems

Typical Examples of Cross-Sections:

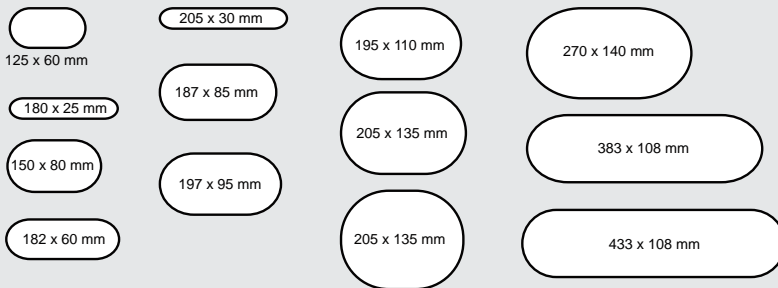
Form 1: Rectangular



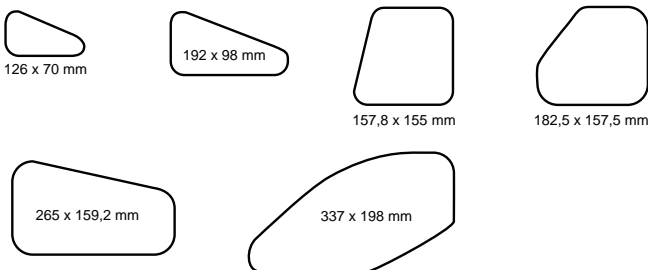
Form 2: Rectangular with Curved Sides



Form 3: Oval (Quadrofix is only available in Oval shapes)



Form 4: Multiple Sided



General Product Information:

Diameters:

Diameters shown in the cross-section examples are nominal inside dimensions.

Diameter Range:

Form 1 - Rectangular

Min 80 x 50 mm Max 270 x 200 mm
 Min 3.0" x 2.0" Max 10.6" x 8.0"

Form 2 - Rectangular with Curved Sides

Min 80 x 50 mm Max 147 x 70 mm
 Min 3.0" x 2.0" Max 5.8" x 2.8"

Form 3 - Oval (Both Quadroflex and Quadrofix)

Min 125 x 60 mm Max 147 x 70 mm
 Min 5.0" x 2.4" Max 5.8" x 2.8"

Form 4 - Multiple Sided

Min 126 x 70 mm Max 337 x 198 mm
 Min 5.0" x 2.8" Max 13.3" x 8.0"

Materials:

Aluminum and Stainless Steel with various physical properties.

Lengths:

Cut-to-length per customer specification.

Testing:

Clevaflex will make product samples available for performance and application testing.

Note 1: Since installation of the materials and conditions of use are important factors in obtaining satisfactory results and are beyond our control, Clevaflex can make no warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose, with respect to the material or its use or performance. All consequential damages whatsoever are expressly excluded.

Note 2: The statements regarding the characteristics, properties and performance of the materials described herein are based on data believed reliable, but no guarantee of their accuracy is made and such statements should not be construed as warranties or as the basis therefore.

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