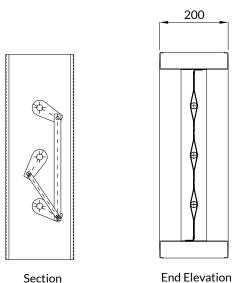
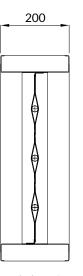


Medium Duty Control Damper **CCD-02**

Description

The type CCD-02 Medium Duty Control Damper has been specifically designed for the industrial market where medium weight, construction and dependable operation are of prime importance. These versatile dampers are suitable for automatic and manual operation and may be used for: system balancing, pressure control, fresh air recirculation and many more functions. To ease installation all dampers are supplied with predrilled flanges and are designed to be suitable for mounting in any attitude with the airflow in either direction.





Duct Width <u>-</u>ф--0--6--6--0--ф--**** Duct Height 4 -ტ - --**** =6= -ф--0-

Specification

Casing

The damper casing is formed from 2.0 mm thick sheet steel into a rigid channel section to ensure proper alignment of blades and shafts. Damper units in excess of 1200 mm width shall be manufactured as a multiple assembly. Where circular dampers or dampers with width or height dimensions less than 150 mm are required, additional spigot adaptors are used which increase the damper insertion length from 200 to 300 mm.

Blades

The blades are a formed double - skin aerofoil section of 1.2 mm sheet metal. Blade stops at the top and bottom of the casing and sprung side seals provide excellent low leakage characteristics.

Shafts

Stub shafts Ø 19.05 mm with continuous drive shafts blades plug welded at each end.

Linkage

Opposed action linkage consisting of drive levers connected by flat bar link bars, driven through stainless steel pins. All linkage is contained within the depth of the damper casing.

Bearings

Phosphor bronze self lubricated 'Oilite' flanged bushes.

Operation

Pneumatic Actuator, Electric Actuator, Hand Locking Quadrant.

Options

- Materials can be stainless steel, galvanized mild steel or other materials to suit the clients' specific requirements.
- Earth continuity bosses.
- Lifting lugs.
- Flame retardant PVC blade seals.
- High temperature bearings.
- Other variations to suit clients' specific requirements are also available.

Elevation

Medium Duty Control Damper

Installation & Assembly

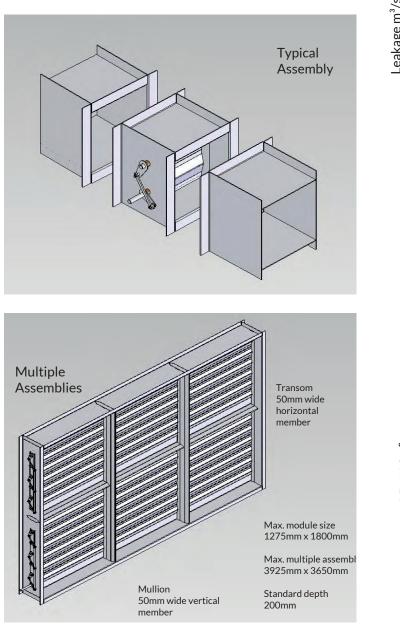
Note:

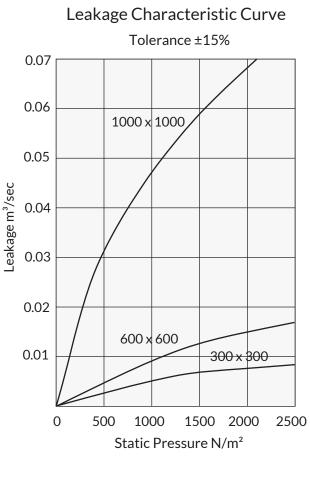
Larger dampers can be constructed by joining multiple assemblies together.

An approved fire-resistant sealant should be inserted between the damper and duct to ensure a good seal.

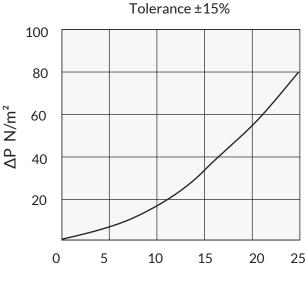
Note:

Each section shall have a drive spindle which can be linked together externally or driven independently.





Open Pressure Drop Characteristic Curve



Face Velocity m/sec. (Based on duct area)



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