

Description

The type CCD-02 Under Platform Extract Grille has been specifically designed for the industrial market where medium weight, construction and dependable operation are of prime importance. These versatile grilles are suitable for manual operation and may be used for: system balancing, fresh air recirculation and many more functions. To ease installation all grilles are supplied with pre-drilled flanges and are designed to be suitable for mounting in any attitude with the airflow in either direction.

Specification

Casing

The grille casing is formed from 3.0 mm thick sheet steel into a rigid channel section to ensure proper alignment of blades and shafts. Grille units in excess of 1200 mm width shall be manufactured as a multiple assembly.

Blades

The blades are a formed double - skin aerofoil section of 1.5mm sheet metal.

Shafts

Continuous shafts Ø9.5 mm with blades plug welded at each end.

Linkage

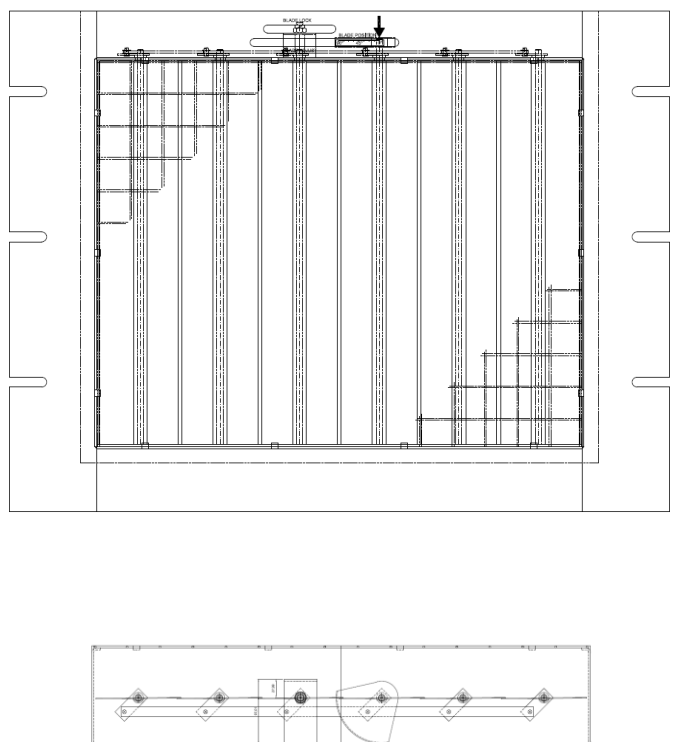
Opposed or parallel action linkage consisting of drive levers connected by flat bar link bars, driven through stainless steel pins. All linkage is contained within the depth of the grille casing.

Bearings

Phosphor bronze self lubricated 'Oilite' flanged bushes.

Operation

Manual Hand Locking Quadrant.



Open Pressure Drop
Characteristic Curve

Tolerance $\pm 15\%$

