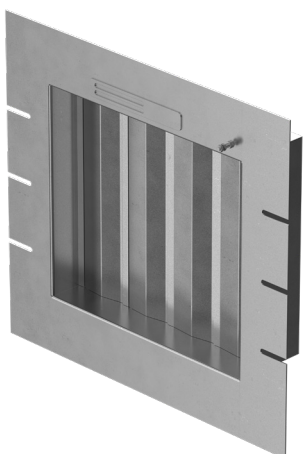


UPE

UNDER PLATFORM EXTRACT GRILLE

For heavy industry ventilation systems



OVERVIEW

The UPE Under Platform Extract Grille is designed to provide reliable airflow control and dependable operation in industrial applications where sustained performance is required. Suitable for manual operation, it allows effective regulation of airflow for functions such as system balancing and fresh air recirculation. The robust construction ensures consistent performance and long service life. The grille may be installed in any orientation, with airflow in either direction, offering flexibility for a wide range of ductwork configurations.

KEY FEATURES

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. The UPE is available as a single unit with a maximum width of 1200mm. Pre-drilled flanges enable simplified installation.

Blades

The blades are a formed double-skin aerofoil section of 1.5 mm sheet metal and operate with either opposed or parallel linkages.

MATERIALS

PART	MATERIAL	FINISHING
Case	Mild steel	Galvanised
Case	Stainless steel 1.4307 (304L) Stainless steel 1.4404 (316L)	-
Blades	Mild steel	Galvanised
Blades	Stainless steel 1.4307 (304L) Stainless steel 1.4404 (316L)	-
Shafts	Stainless steel 1.4307 (304L) Stainless steel 1.4404 (316L)	-
Bearings	Phosphor bronze self-lubricated plain 'Oilite'	-

TECHNICAL SPECIFICATION

- Low leakage
- Minimal pressure drop
- Vertical & horizontal installation
- Bi-directional air flow
- Manual and locking quadrant

INSTALLATION

Dampers are typically provided with integral drilled flanges that allow for bolting to ductwork, structural divisions, wall sleeves and similar. Flanges and drillings can be to Halton standard or customer specification.

Installation and maintenance instructions are provided with each damper delivery.