



MIRAGE SERIES 70 LOW CYCLE & HIGH CYCLE STEEL ROLLER GRILLE

RECOMMENDED SPECIFICATIONS: Series 70 Low and High Cycle Steel Roller Grille as manufactured by Mirage Doors (Aust.) Pty. Ltd.

CURTAIN:

Low cycle – A single tube system comprising 19mm x 1.2mm diameter galvabond steel tubes connected by 40mm x 2.5mm zinc plated mild steel links. The ends of every tube shall have a nylon sleeve to minimise noise. The free air flow derived from both curtain types is 63%.

High cycle – A double tube system comprising 19mm x 1.2mm diameter galvabond steel outer tubes connected by 40mm x 2.5mm zinc plated blue mild steel links. The inner tubes will be sleeved by the outer tubes to create a curtain suitable for high cycle applications. The ends of every tube shall have a nylon sleeve to minimise noise. The free air flow derived is 63%.

DRUM:

Low cycle – The drum shall be manufactured from seamless steel tube. Helical coil oil tempered springs will be fitted to an axle inside the drum tube. Drum deflection shall not exceed 1/360th of the drum span.

High cycle – The springs will be removed and a safety brake motor would be incorporated in lieu of.

GUIDES: Side guides shall be 75mm x 32mm roller formed steel channels.

BRACKETS: The standard brackets are fabricated from mild steel and supplied in a prime painted finish.

BOTTOM RAIL: Formed from extruded aluminium; and is designed to accept a weatherseal if required. An optional steel box section bottom rail is available upon request.

OPERATION:

(Up to 8000mm wide x 4000mm high to a max. 25.0m² overall size) – Chain operation.

(Up to 8000mm wide x 4000mm high):

Low cycle – Electric operation via a 1 h.p. 3 phase or 1.0 h.p. 240v single phase fan cooled motor & gearbox c/- logic control box and 2 no. photo electric safety beams (supply, install & interfacing of access control systems, license number recognition plates and / or intercom systems are by others).

High cycle - Electric operation via a Chamberlain D Drive or GfA 1.0 h.p. 240v single phase fan cooled motor & gearbox c/- logic control box and 2 no. photo electric safety beams (supply, install & interfacing of access control systems, license number recognition plates and / or intercom systems are by others).

LOCKING: Manual locking is not recommended on motorised roller grilles.

FINISH OPTIONS (SELECT FROM):

- Steel – Galvabond.
- Dulux Duralloy powdercoat finishes to the curtain and guides – colour t.b.a.

TECHNICAL DATA: Refer to Technical Data Sheets 9A, 9B & 9E.

SPECIAL NOTES:

- The power supply required for the motor is either 3 phase 415v with neutral (10 amp), terminated to an isolation switch located within one metre of the motor, or a 240v GPO (10 amp), located within one metre of the motor. This work is by others.
- Removable mullions are not available with motorised Series 70 roller grilles;
- 'Series 70' chain or electric operated roller grilles cannot be mounted to side walls. Wall / mounting points must be structurally adequate to support the roller grille. Adequate headroom & sideroom must be provided by the builder to ensure successful operation;
- Product & installation warranty – 12 months.

*Mirage Doors has a continuous program of product development,
and reserves the right to change specifications at any time without notice.*