

S70 ALUMINIUM HEAVY DUTY ROLLER GRILLE

EXTRUDED ALUMINIUM LINKS AND TUBES



The Mirage Heavy Duty Aluminium Series 70 Grille is designed as a high security grille where high levels of airflow (65%) and visibility are required. Depending on the size of these doors they can either be: Hand Chain Operated or Motorised.

RECOMMENDED SPECIFICATIONS

Series 70 Aluminium Extruded Heavy Duty Roller Grille with 19mm tubes and 40mm wide links as manufactured by Mirage Industries Pty Ltd., Australia. Product Code AE/H.D.G./70.

APPLICATION

Where extra strength, and ventilation is required but still offering the architectural finish of Aluminium. Suitable for large shop fronts and arcade entrances. Not recommended for high usage (no more than six operations per day).

SIZES

This grille is designed to suit openings from as small as 1 metre wide and up to 10 metres.

CURTAIN

Aluminium tubes of anodising quality are connected by extruded solid aluminium links. Each link being 40mm wide x 2mm thick is riveted to the horizontal tube at jugged spacings of 500mm centres. The end of every tube has a nylon end shoe to reduce noise and take up wear. This curtain will give an effective 65% airflow.

BRACKETS

Fabricated from mild steel plate and prime coated.

ROLLER DRUM

Manufactured from prime coated seamless steel tube designed to support the curtain with a minimum of deflection.

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CHANNEL GUIDES

Side guides shall be 86mm x 40mm extruded aluminium sections. The extrusion provides for optional brush seal or plastic ribbing. Removable mullions are not recommended.

OPERATION

Depending on the size of these doors they can either be:

- Hand chain operated (Maximum 25m²).
- Motorised operation. As a standard Mirage Industries will supply a three phase, one horsepower motor with a standard controller including an emergency hand chain.

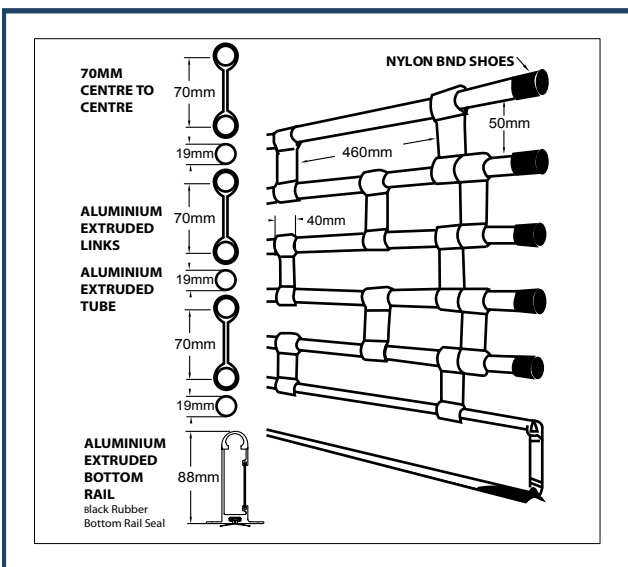
Note: When motorised, please contact a Mirage Technical Advisor, as additional clearances are necessary. All wiring of electrical components and the supply of power are by others unless stated otherwise in the written quotation.

INSTALLATION AND CLEARANCE DETAILS

For motorisation, bracket options and clearances, please refer to Technical sheets No. 5 and 6.

BOTTOM RAIL

An aluminium extruded section which can house a choice of locking mechanisms on manually operated doors. This section also incorporates a bottom flange to assist in the stopping of the door in the up position. A rubber seal to the bottom rail is available as an optional extra.



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

FINISH

The aluminium bottom rail, side channel guides, links and tubes will be supplied as standard in mill finish (Raw aluminium). Also available in an optional clear anodised finish (Matt Natural). Anodised colours, bright dip and powdercoated finishes are not recommended. A limit to anodised lengths is being experienced so please check with the manufacturer.

BUNDLE ROLL-UP DIAMETERS

For openings in excess of 7000mm wide add 50mm to the bundle roll-up diameter specified below.

Height	1800	2000	2200	2400	2600	2800
Diametre	310	330	340	350	360	370
Including Motor Clearances	855	865	870	875	880	885
Height	3000	3200	3400	3600	3800	4000
Diametre	390	400	420	430	440	450
Including Motor Clearances	895	900	910	915	920	925

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