

GLIDEROL[®] 'Premium' Aluminium Roller Grilles

Application:

GLIDEROL 'Premium' Aluminium Roller Grilles are suitable for use in openings of up to **6 m wide x 5 m high**. It employs the same design principles and components as the Roller Door, except for the curtain material. Unlike conventional Roller Grille systems, the horizontal transomes are full length solid aluminium sections which, together with the strong, snug-fitting vertical links, enables the door to span beyond 3 metres without sagging. The links are also designed with a limited hinging arc to eliminate jamming of door due to link displacement.

In commercial application, the doors are used in shop-fronts to allow shoppers to view products and display even when the shops are closed. In residential properties, it is used as a remote-controlled front gate cum garage door or as retractable security grilles to glass windows and doors.

Available in natural, light bronze or black anodised finish.

SPECIFICATION

GLIDEROL 'Premium' Roller Grilles is architecturally specified as a Roller Grille system constructed of proprietary-designed extruded aluminium sections of varying thickness of between 2 mm to 3 mm. The horizontal transomes shall be single-length extrusions spaced vertically at 100 mm centres and designed to receive the two adjacent row of vertical links in a socket-like manner. The vertical links shall be 20 mm wide and spaced at 150 mm apart. They shall be curved, with mating ends fitting snugly into the transome's sockets. The drum assembly shall consist of a torque-tube containing suitably graded oil-tempered torsion springs capable of optimum counter-balance. The whole system shall be capable of operating smoothly without jamming due to link displacement.

The door curtains shall have vertical links arranged in lattice/brick* pattern. It shall be natural/light bronze/black* anodised finished to a minimum of 20 microns.

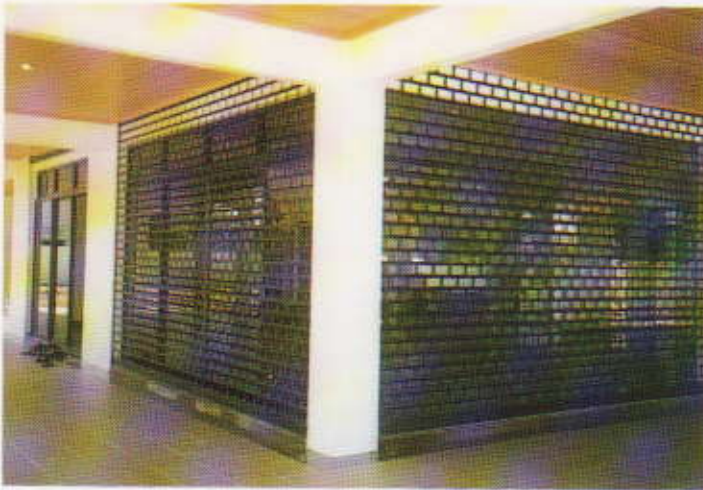
Electrically operated Roller Grilles shall be as above described but containing a proprietary motor operator installed within the door roll. The control box shall feature push-button controls and a built-in safety device. The system must be convertible to manual operation and have remote-control and power back-up capabilities.

Note:- Radio remote control or other special operating requirements should be specifically stated. A manufacturer's warranty certificate with the desired warranty period should be obtained.

*Specify Choice



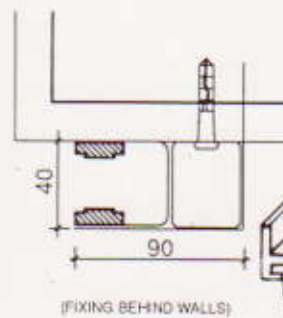
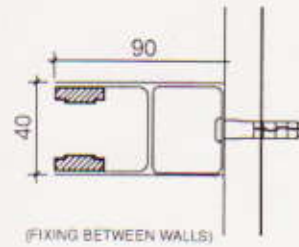
Remote-controlled garage door-cum-front gate.



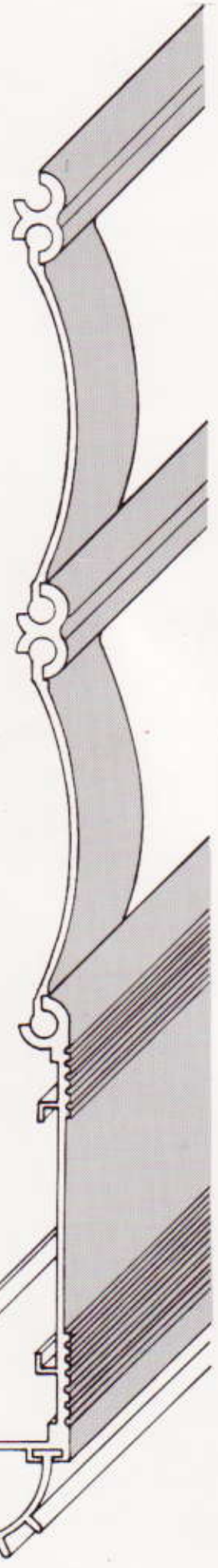
Security grilles that can be rolled up out of sight when desired.



Shop-front grille door.

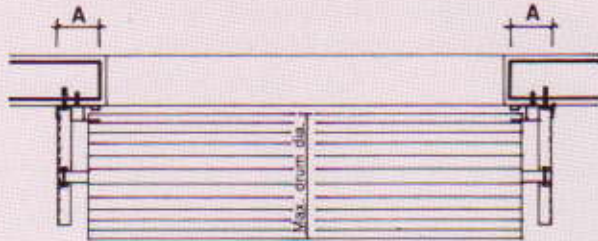


GUIDE DETAILS
TYPE RG

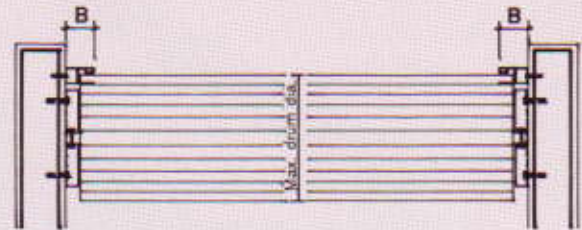


TYPICAL FIXING DETAILS

MANUAL MODEL

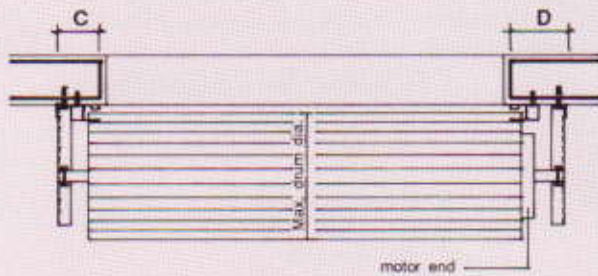


FIXING BEHIND WALLS

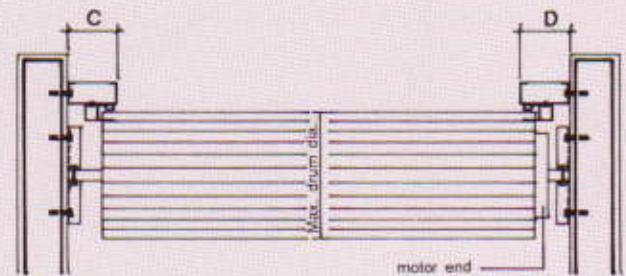


FIXING BETWEEN WALLS

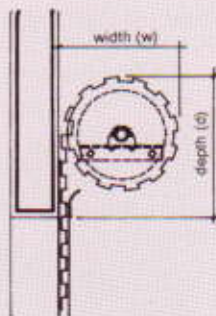
AUTOMATIC MODEL



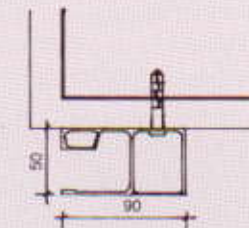
FIXING BEHIND WALLS



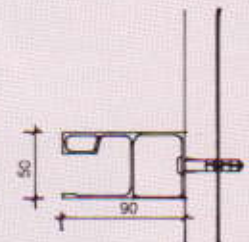
FIXING BETWEEN WALLS



SECTION (HEADROOM)



(FIXING BEHIND WALLS)



(FIXING BETWEEN WALLS)

GUIDE DETAILS
TYPE RDA

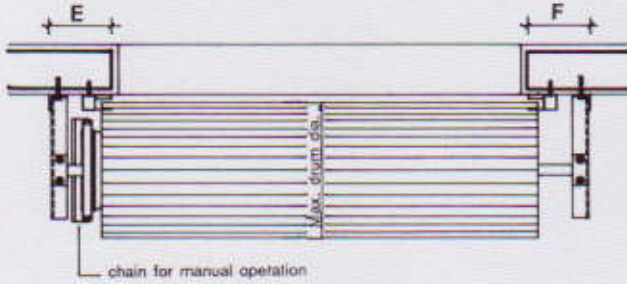
MINIMUM SIDE ROOM AND HEADROOM REQUIREMENT (in millimetre)

DOOR HT. (up to)	MAX. DRUM DIA.	A	B	C	D	HEADROOM	
						w	d
1120	400	100	90	100	150	420	440
1700	420	100	90	100	150	440	460
2280	440	100	90	100	150	460	480
2860	460	100	90	100	150	480	500
3000	480	100	90	100	150	500	530

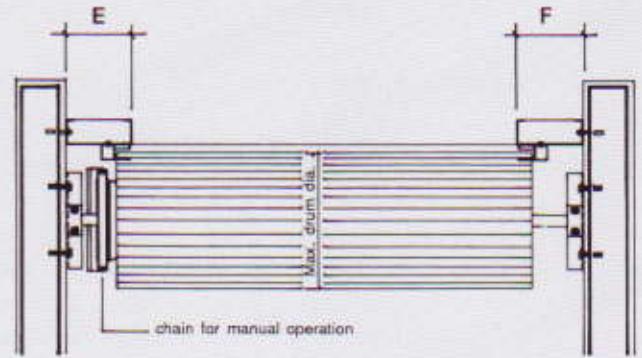
We reserve the right to improve or alter details without notice.

TYPICAL FIXING DETAILS

MANUAL MODEL

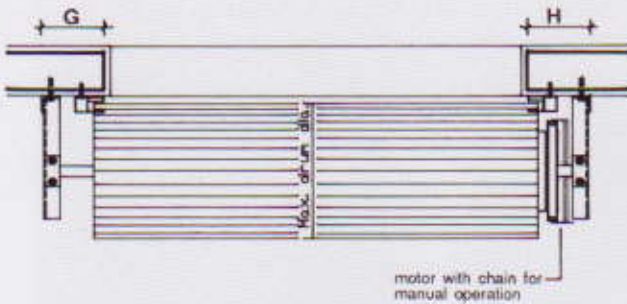


FIXING BEHIND WALLS

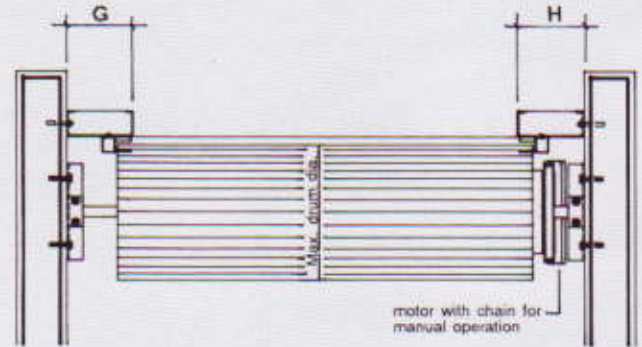


FIXING BETWEEN WALLS

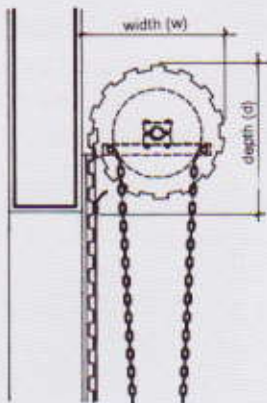
AUTOMATIC MODEL



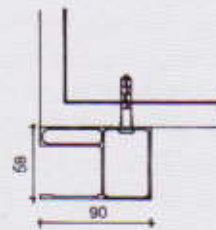
FIXING BEHIND WALLS



FIXING BETWEEN WALLS

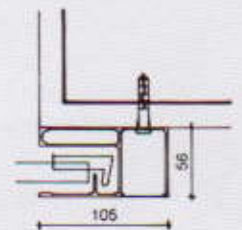


SECTION (HEADROOM)



(FIXING BEHIND WALLS)

GUIDE DETAIL
TYPE RDB



(FIXING BEHIND WALLS)

WIND-LOCK GUIDE DETAIL
TYPE RDW

MINIMUM SIDE ROOM AND HEADROOM REQUIREMENT (in millimetre)

DOOR HT. (up to)	MAX. DRUM DIA.	E	F	G	H	HEADROOM	
						w	d
3340	480	200	150	150	200	500	530
3920	500	200	150	150	200	520	550
4400	520	200	150	150	200	540	580
5080	540	200	150	150	200	560	600

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