



19mm Tube Aluminium Rolling Grilles Light Commercial

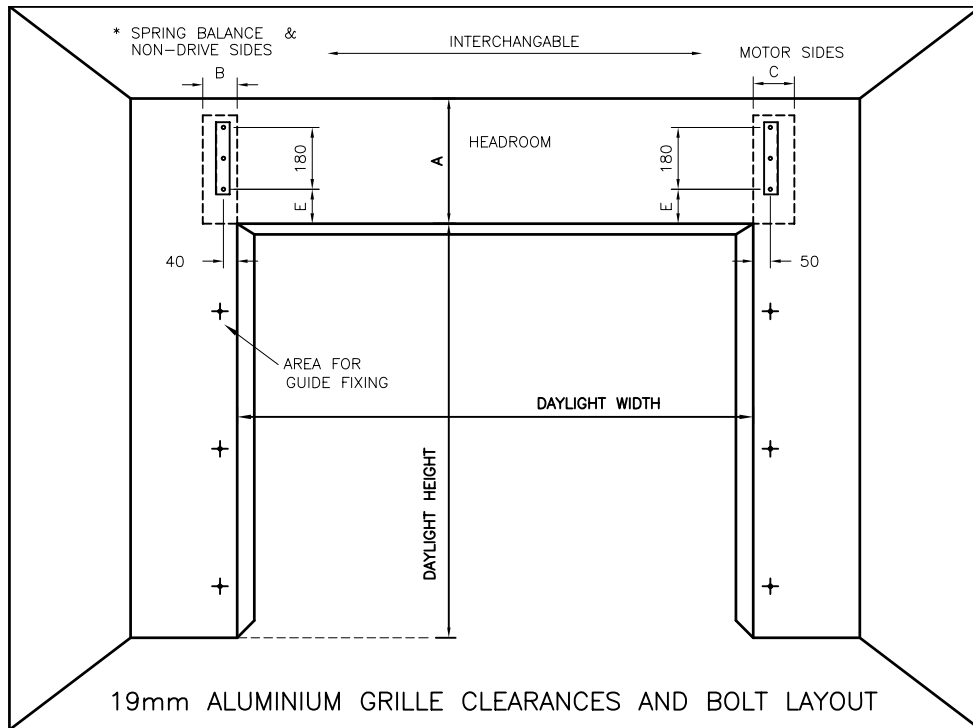
Applications

Shop fronts, large pedestrian openings or anywhere that requires a robust barrier with an attractive appearance.

Features

- Curtains are constructed from individual 19mm diameter aluminium tubes connected with extruded aluminium links.
- Captive guide system fitted with a polypropylene pile insert metal to metal contact.
- Operation by spring balance or motorised.
- Fixed or removable mullions options are available.
- An extensive range of powder coating colours can be offered.
- Grilles are custom made to fit the size of opening and structure of building.
- Sales Asia Oceania wide.
- Branches in Auckland, Wellington and Christchurch.

50 years of manufacturing experience and continuous refinement.
Service and repairs, 24 hours a day, on all makes of commercial doors.

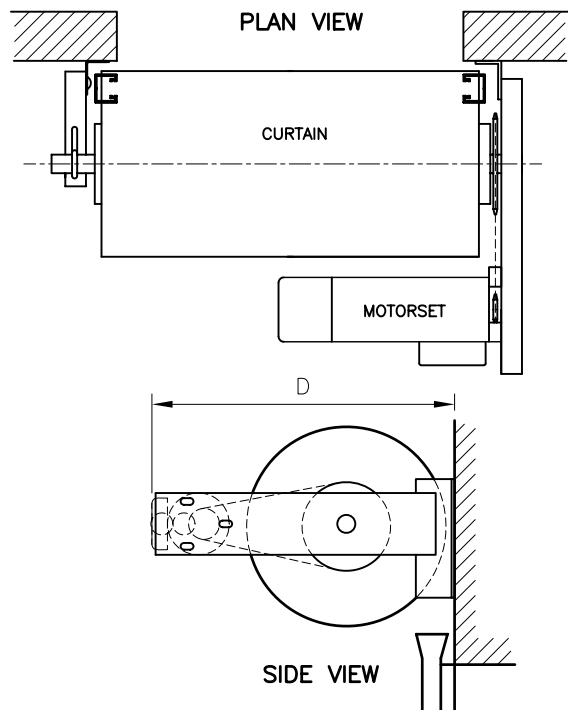


19mm ALUMINIUM GRILLE CLEARANCES AND BOLT LAYOUT

HEIGHT OF OPENING (m)	HEAD ROOM A	SIDEROOM REQUIRED * Non-Drive & Manual B	REQUIRED Motor Side C	INSIDE PROJECTION MANUAL D	INSIDE PROJECTION MOTORISED 2 D	BOTTOM FIXING POINT E	GUIDE PACKER SIZE F
Up to 2.0	450	110	120	400	550	100	0
Up to 3.0	475	110	120	460	580	115	40
Up to 4.0	525	110	120	-	595	140	50
Up to 5.0	550	110	120	-	610	150	50

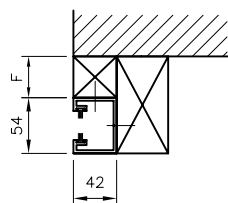
* Low sideroom option minimum 65mm – Refer to factory
 Openings up to 30m² can be accommodated.
 Maximum Manual Size = 3.5m High x 4m Wide

SPRING BALANCE & NON-DRIVE SIDES

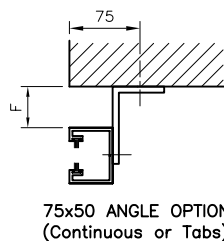


MOTOR SIDES

GUIDE DETAILS



BACK OR SIDE FIX



CURTAIN

Assembled from 19mm Aluminium Tubes at a nominal vertical pitch of 75mm joined by 35mm wide extruded aluminium links spaced at 500mm. Every 6th rod has a retaining plug secured to each end to retain the curtain within the guide section. The tubes and links can be replaced individually if damaged. Fitted to the lower edge of the curtain is an 100x25mm extruded aluminium box section bottom bar. To enhance security the curtains can be fitted with Metabilt's Lifting Deterrent Mechanism.

CAPTIVE GUIDES

Constructed from extruded aluminum with a retaining nib and fitted with a continuous silicon treated polypropylene pile insert to prevent metal to metal contact.

FINISH

Clear anodised or powder coated.

BARREL

Grille barrels are fabricated from mild steel tube with a minimum diameter of 165mm and of sufficient wall thickness to ensure that nominal deflection does not exceed safe working conditions. Helically wound counterbalance springs are contained within the barrel.

SECURITY

Flush mounted lock with various keying options.

OPERATION

Spring balanced or motorised. Motorised grilles have single phase motorsets with adjustable limit switches and control pendant. Operating speed is approximately 170mm per second. The motorsets incorporate an automatically engaging handchain for use during power failures. Battery backup systems are available.

Key switches and door controllers that accept signals from a range of electronic and electrical equipment are also available. Special motorising options and barrel mounting methods are available on request.

Standard doors meet the 5 year durability requirements of the N.Z.B.C. Details Available on request.

We reserve the right to alter specification without notice and without incurring obligation



Auckland
 PO Box 71 169 Rosebank
 26 Timothy Place, Avondale
 Telephone: 09 828 1167
 Fax: 09 828 6358
 mbilt.auck@metalbilt.co.nz

Wellington
 PO Box 38 933 W.M.C
 55 Cuba Street, Petone
 Telephone: 04 568 2933
 Fax: 04 568 7337
 mbilt.well@metalbilt.co.nz

Christchurch
 PO Box 6033, Upper Riccarton
 60 Lunns Roads, Middleton
 Telephone: 03 338 2600
 Fax: 03 338 4386
 mbilt.chch@metalbilt.co.nz