



Filuna[®] 2000
Garage Door

The sectional overhead Filuma 2000 garage door is constructed from virtually maintenance-free GRP (glass reinforced plastic), offering a high degree of natural daylighting and durability coupled with simplicity of installation and operation.

Natural Daylighting

The high level of diffused natural daylighting within the garage, achieved by the use of translucent panels, provides a much more user-friendly environment. This can encourage use of the garage for purposes other than for cars, such as a workshop or playroom.

Design

The Filuma 2000 is a lightweight sectional overhead garage door which can be operated manually or electrically. The profiled panels are manufactured using translucent GRP contained within lightweight aluminium frames. Unlike rigid, pivoted overhead garage doors, the Filuma 2000's sectional construction allows it to open vertically as opposed to swinging out from the bottom and accidentally hitting any object or person in the way. This allows vehicles to park right up to the door itself, a particularly useful feature where the driveway is short and space is limited.

Added Safety Design of Operation

The Filuma 2000 has been designed to provide a unique finger-safe hinged jointing arrangement (patent pending) on each sectional panel. This has been designed to prevent fingers from being trapped when the door is being operated.

Operation

The door's lightweight construction (about half the weight of comparable garage doors manufactured in wood or metal) allows light fingertip control. Alternatively the doors can be fitted with all major remote motorised control operators.

Durability / Reliability

The metal external components are manufactured from rust and corrosion resistant aluminium alloy and the panels from GRP, giving a long service life. Filuma garage doors have a long and well established reputation (a great many installations of these types of units are still fully operational and giving reliable service after 40 years). The new Filuma 2000 incorporates all the essential features of the original door but provides a finger-safe continuous hinge to eliminate finger trapping at the jointing of the panels.

Maintenance

Filuma 2000 garage doors are low maintenance. The sectional panels are made of self-finished GRP, no painting or staining is required, just a wash with soap and water is all that is recommended. The plastic rollers are self-lubricating and should operate without any general maintenance.

Colours

Available in a traditional Snowcem white at present. The external aluminium framework has an attractive anodised finish. The unit can be supplied in mill finish aluminium if requested.

Lock

The unit comes complete with a lockable handle.

Sizes

Doors are custom-made within the following parameters:

Width:	Panels can be supplied up to 4.88m (16'00") wide
Height:	Minimum height - 1.829m (6'00") - made up of 4 panels
	Heights between - 1.829m (6'00") and 2.134m (7'00") - made up of 5 panels

For heights over 2.134m (7'00") please contact the manufacturer.

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Packaging

Door sections and track will normally be delivered in cardboard cartons with any fittings in separate boxes.

Springs

Designed with adjustable tension and fitted with a spring break device mounted on a steel shaft. The springs are painted.

Latch Lock

The lock can be operated both internally and externally. The working mechanism engages with spring mounted adjustable strikes on both sides of the door automatically for crisp closing.

Hardware

Nylon wheel rollers are mounted into painted galvanised steel brackets attached to individual door panels, which are guided into the door track assembly.

Weathering

Each garage door panel section is linked and bolted to a continuous hinge assembly, which restricts rain and draught entry into the garage.

PVC seals engage with the door sides and head to reduce the incidence of draughts and rainwater entry. The base of the bottom panel incorporates a u-shaped flexible seal to engage with the floor.

Track Support


Angle/Jointing strips can be provided when requested.

Track

The track assembly is vertically tapered to allow correct seating of the door panels in the closed position. The horizontal track is separately connected to the vertical track when installed.

Clearances

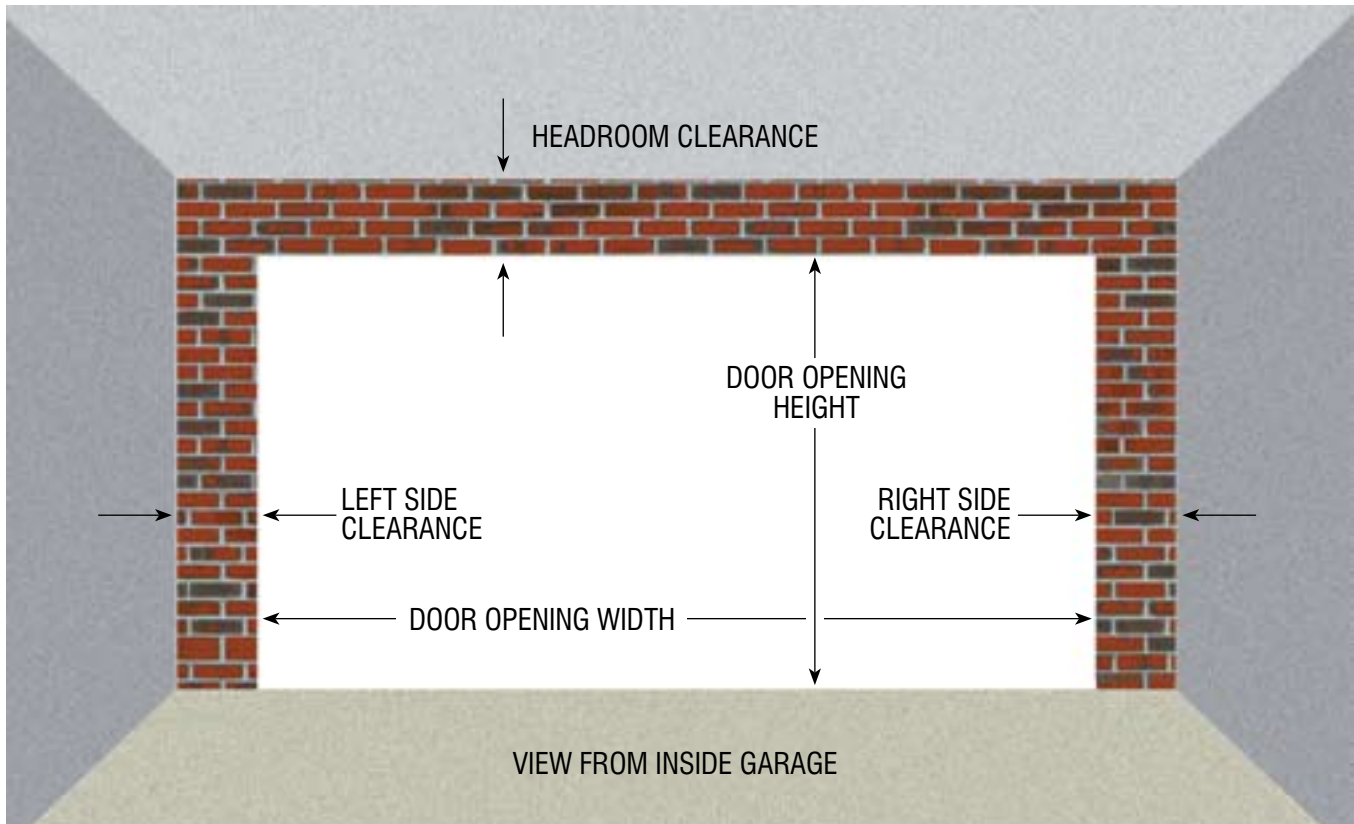
Only 200mm minimum headroom is required. In certain instances this can be reduced to 75mm when the springs are mounted to the rear of the track. Side clearance of 117mm is required on both sides. 234mm clearance is required where a centre post separates adjoining doors.



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Required Measurements: Please complete as applicable

Door Opening Height:

Door Opening Width:

Headroom Clearance:.....

Side Clearance (Left):.....

Side Clearance (Right):

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