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SECTIONAL OVERHEAD DOORS



*Insulated Door with
Glazed Vision Panel Inserts*

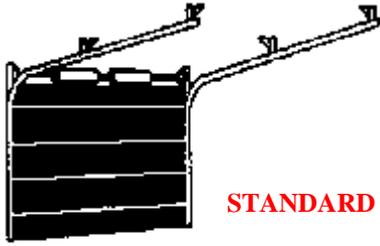


*Extruded Aluminium Sectional Door
with Glazed Vision Panel,
(solid Panels to top and bottom).*

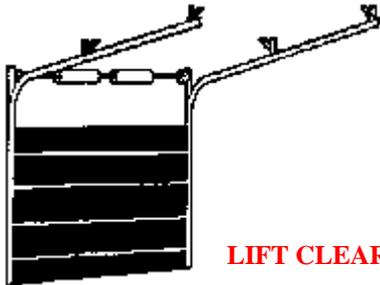


SPECIFICATION

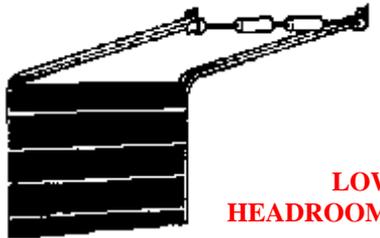
TRACK ARRANGEMENTS



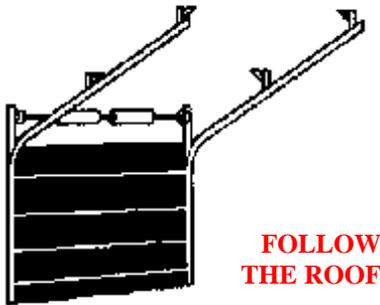
STANDARD



LIFT CLEAR



LOW HEADROOM



FOLLOW THE ROOF



FULL VERTICAL

DOOR PANEL

The panel itself is the main key to the effective insulation value. Having a galvanized steel inner and outer face infilled with high density polyurethane foam. Each panel has a male/female type interlocking 'V' joint which, when incorporated with a compressible rubber gasket seal, forms a total thermal and weatherproof joint. The panels are ribbed and each end enclosed with a galvanized reinforcing cap for even greater strength and durability. Both sides of the panel are prefinished in a polyester resin coating (off white) to be site painted to your requirements by others, or option of Plastisol HP200 Finish.

VERTICAL AND HORIZONTAL TRACKS

Tracks and mounting angles are made of heavy gauge cold rolled galvanized steel manufactured to suit site conditions.

HINGES AND ROLLER ASSEMBLIES

Both hinges and roller brackets are manufactured from high quality galvanized steel (as standard) ensuring clean operation and long life. The rollers are sealed for life, bearings nylon coated to give extremely quiet and smooth operation.

OPERATION

On doors up to 12m sq operation is normally push up and pull down. Doors in excess of 12m sq are by handchain or electric drive depending on clients requirements. Optional electric operation is by fractional 415v 3ph motor with limit switches and emergency hand operation in case of power failure. Standard UP, DOWN, STOP control box with thermal overload protection. Site wiring is excluded unless specifically quoted.

COUNTER BALANCE

Each door is individually balanced using high tensile helical springs mounted on bright steel shafts, running in ball races. The counterbalance being transmitted by high quality steel cables, attached to aluminium cable drums above the opening and each side of the bottom panel.

SEALS

Weather seals are fitted as standard to all jambs, head and cills, thus giving total draught and weather protection.

SECURITY

A shoot locking bolt is fitted as standard but various locking arrangements are available on request.

PULL HANDLES

Fitted to inside and outside of bottom panel.

WICKET GATE

Optional extra with lock and 2 Keys.

VISION PANELS

May be fitted as an extra and are 600 wide x 300 deep acrylic double glazed units in profiled rubber frame.

STRUCTURAL REQUIREMENTS

The detailed requirements are shown overleaf and overhead track supports should be capable of carrying the door weight of approximately 20kgs/sq. metre. Mounting plates for the springs will be required above the lintel.