

Cardale Retractable (slide away) garage doors

Door sizes

Door sizes given represent opening sizes within the frame. Door leaves are approximately 19mm narrower and 25mm shorter than the given size to allow for operating clearances and tolerances. Retractable doors retract all the way back into the garage. This makes the door more stable and so this gearing is the one used if you wish to make your garage door remote controlled. All doors over 2438mm (8') W and 2134mm (7') H will need to be on retractable gearing.

Frames for Single sized doors (up to 2438mm or 8' wide)

We recommend that Cardale garage doors are fitted with their matching Quick Fit steel frames. This ensures the longevity of the framework as well as making them easier to fit. These frames are 70mm on either side and 50mm on the top. If you choose to fit to a timber frame please make sure this is fitted and treated before fitting the door. We recommend a timber sub frame to be a 70mm x 70mm "goalpost" frame. The first measurement is the width so for a 70mm x 70mm frame you would have 70mm either side and 70mm on the top.

Frames for Double sized doors (over 2438mm or 8' wide)

We recommend that Cardale garage doors are fitted with their matching double steel frames. This ensures the longevity of the framework as well as making them easier to fit. These frames are 68mm on either side and 68mm on the top. If you choose to fit to a timber frame please make sure this is fitted and treated before fitting the door. We recommend a timber sub frame to be a 70mm x 70mm "goalpost" frame. The first measurement is the width so for a 70mm x 70mm frame you would have 70mm either side and 70mm on the top.

Aperture opening sizes

Frames may be fitted within or behind the brickwork. The sizes given below allow for door, frames and tolerances. The sizes below are the brickwork or aperture sizes and all sizes given are W x H.

Fitting behind the brickwork, if the garage allows, will increase the drive through width by about 114mm (4 1/2 "). If you choose to fit this way the dimensions below allow the frame to overlap into the aperture by a minimum of 13mm on both sides to allow for coursing and tolerances.

Brickwork aperture sizes for fitting BETWEEN the brickwork

ALL SIZES W x H	70mm x 70mm TIMBER FRAME	70mm QUICK FIT FRAME (doors up to 2438mm or 8' W)	68mm Steel Frame (doors over 2438mm or 8' W)
1981mm x 1981mm	2127mm x 2054mm	2127mm x 2034mm	N/A
1981mm x 2134mm	2127mm x 2207mm	2127mm x 2187mm	N/A
2134mm x 1981mm	2280mm x 2054mm	2280mm x 2034mm	N/A
2134mm x 2134mm	2280mm x 2207mm	2280mm x 2187mm	N/A
2222mm x 1930mm	2368mm x 2003mm	2368mm x 1983mm	N/A
2261mm x 1981mm	2407mm x 2054mm	2407mm x 2034mm	N/A
2261mm x 2134mm	2407mm x 2207mm	2407mm x 2187mm	N/A
2286mm x 1981mm	2432mm x 2054mm	2432mm x 2034mm	N/A
2286mm x 2134mm	2432mm x 2207mm	2432mm x 2187mm	N/A
2438mm x 1981mm	2584mm x 2054mm	2584mm x 2034mm	N/A
2438mm x 2134mm	2584mm x 2207mm	2584mm x 2187mm	N/A
4267mm x 1981mm	4413mm x 2054mm	N/A	4409mm x 2052mm
4267mm x 2134mm	4413mm x 2207mm	N/A	4409mm x 2205mm

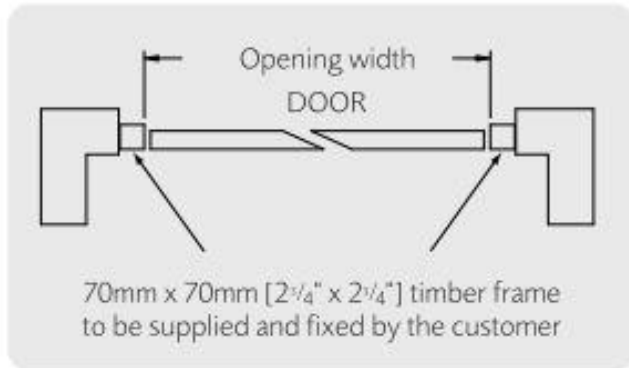
Brickwork aperture sizes for fitting BEHIND the brickwork

ALL SIZES W x H	70mm x 70mm TIMBER FRAME	70mm QUICK FIT FRAME (doors up to 2438mm or 8' W)	68mm Steel Frame (doors over 2438mm or 8' W)
1981mm x 1981mm	2007mm x 1981mm	2007mm x 1981mm	N/A
1981mm x 2134mm	2007mm x 2134mm	2007mm x 2134mm	N/A
2134mm x 1981mm	2160mm x 1981mm	2160mm x 1981mm	N/A
2134mm x 2134mm	2160mm x 2134mm	2160mm x 2134mm	N/A
2222mm x 1930mm	2248mm x 1930mm	2248mm x 1930mm	N/A
2261mm x 1981mm	2287mm x 1981mm	2287mm x 1981mm	N/A
2261mm x 2134mm	2287mm x 2134mm	2287mm x 2134mm	N/A
2286mm x 1981mm	2312mm x 1981mm	2312mm x 1981mm	N/A
2286mm x 2134mm	2312mm x 2134mm	2312mm x 2134mm	N/A
2438mm x 1981mm	2464mm x 1981mm	2464mm x 1981mm	N/A
2438mm x 2134mm	2464mm x 2134mm	2464mm x 2134mm	N/A
4267mm x 1981mm	4293mm x 1981mm	N/A	4293mm x 1981mm
4267mm x 2134mm	4293mm x 2134mm	N/A	4293mm x 2134mm

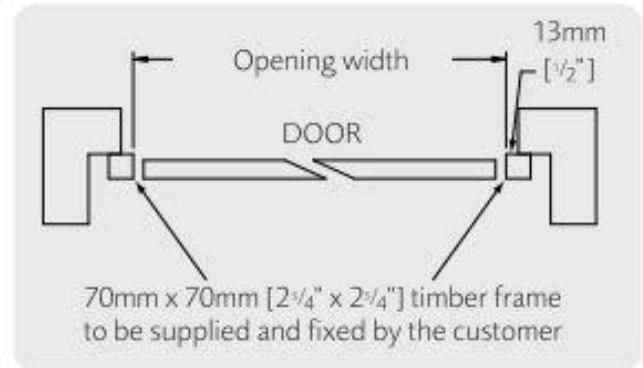
Technical drawings are on the next page...

Maximizer® Retractable Gear

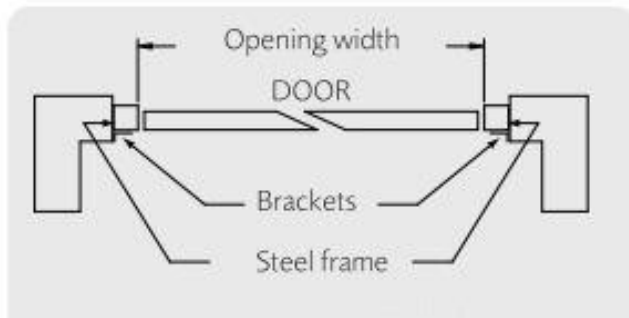
Fitting to timber frame, **within the brickwork aperture**



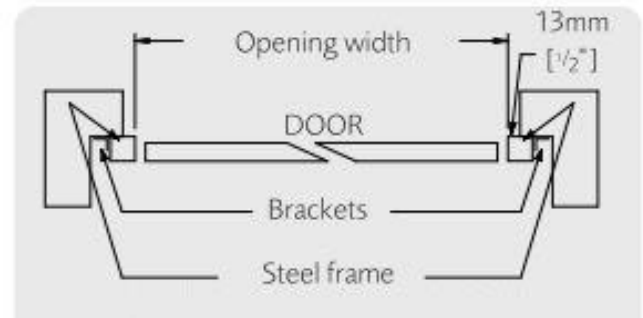
Fitting to timber frame, **behind the brickwork aperture**



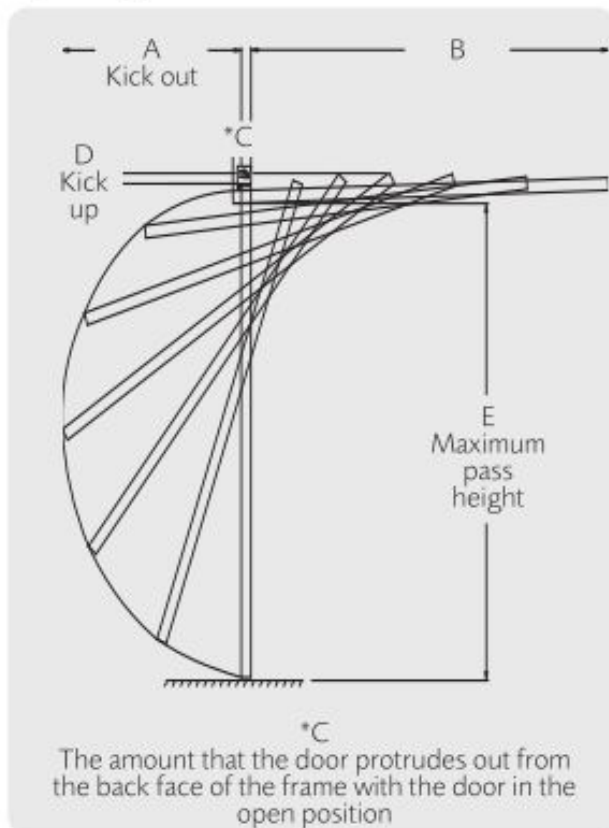
Fitting to Cardale Quick-fit steel Slideaway frame, **within the brickwork aperture**



Fitting to Cardale Quick-fit steel Slideaway frame, **behind the brickwork aperture**



Opening arcs of travel



Key

	1981mm (6'6")	2134mm (7'0")
Size	high single	high single
Code	Maximizer doors	Maximizer doors
A	880mm	1030mm
B	1877mm	1877mm
*C	116mm	268mm
D	38.5mm	38.5mm
E	1884mm	2030mm

	1981mm (6'6")	2134mm (7'0")
Size	high double	high double
Code	Slideaway doors	Slideaway doors
A	900mm	1040mm
B	1877mm	1877mm
C	131mm	283mm
D	43mm	43mm
E	1890mm	2040mm