Maximum Door Height by Rail Extensions evo+/pro+

	Standard operator rail	+ 1x 21.5”	+1x 24”	+1x 43”	+2x 24”	+1x 43” & 1x 21.5”	+2x 43”	2x 43” & 1x 21.5”	3x 43”	3x 43” & 1x 21.5”	4x 43”	4x43” & 1x 21.5”
12” LHR	8’3”	10’	10’3”	11’9”	12’	13’6”	15’	16’9”	18’9”	20’6”	22’3”	24’
15” LHR	8’3”	10’	10’3”	11’9”	12’	13’6”	15’	16’9”	18’9”	20’6”	22’3”	24’
10” R	8’3”	10’	10’3”	11’9”	12’	13’3”	15’	16’9”	18’6”	20’3”	22’3”	24’
12” R	8’	9’9”	10’	11’9”	12’	13’3”	15’	16’9”	18’6”	20’3”	22’	23’9””
15” R	8’	9’9”	10’	11’6”	12’	13’	14’9”	16’6”	18’3”	20’	22’	23’9”
20” R	7’9”	9’6”	9’9”	11’3”	11’9”	12’9”	14’6”	16’3”	18’	19’9”	21’9”	23’6”
32” R	7’3”	9’	9’3”	10’9”	11’3”	12’6”	14’	15’9”	17’9”	19’6”	21’3”	23’

Notes:

1. Doors <400 lbs. require one ceiling bracket per three sections of rail—doors >400 lbs. require one ceiling bracket per 2 sections of rail
2. For doors taller than 8’, variable drum and spring size will also affect the maximum door opening heights
3. Door arm should never be installed so short that it goes past vertical.
4. For low headroom installations, door arm may need to be shortened in order to achieve full opening.
5. Maximum travel can also be increased by ceiling mounting the header bracket for low ceilings at installer’s discretion.
6. Maximum travel can also be increased by using a GDO Coupler and an additional Curved Door Arm to connect to the back of the motor carriage.
7. Radius can be found by measuring from track splice to center of horizontal track.
8. Additional adjustments may be necessary for roof pitch or inclined horizontal track.
9. Maximum door travel can be extended to 46’ with SOMlink (not for use on residential doors)—please contact SOMMER for assistance with extended travel requirements
10. For side mount applications, add ~6” to maximum door height measurement

*All measurements are general and do not take into account additional field variables, such as extended or recessed headers, spring and drum size, or other track configurations, etc. All job sites are unique and must be individually evaluated by the installer to ensure that the required opening can be achieved.

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