

Door Height	Section	Quantity	Strut	Per Side
6'-0" to 8'-0"	4	2	3	3
8'-3" to 10'-0"	5	3	4	4
10'-3" to 12'-0"	6	4	5	5
12'-3" to 14'-0"	7	5	6	6
14'-3" to 16'-0"	8	6	8	8
16'-3" to 18'-0"	9	7	9	9
18'-3" to 20'-0"	10	8	10	10
20'-3" to 22'-0"	11	9	12	12
22'-3" to 24'-0"	12	10	13	13

Track bracket quantities shown are for use with grade 2 or better spruce-pine-fir (SPF) or southern pine jambs.

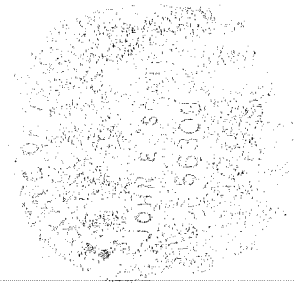
SCALE nts
DATE 2-12-2013

Models: 3220, 3221, 3222, 3240, 3241, 3242, 3250, 3251, 3252

17.5 (psf) / - 23.2 (psf) at 12'-00" through
 17.3 (psf) / - 22.9 (psf) at 12'-02"

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 2/15/13
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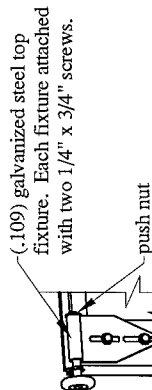
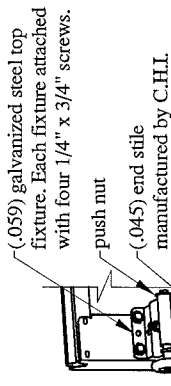
Supporting structural elements to be designed by registered professional engineer for specified wind loads. If door is not electrically operated, a lock must be installed.
 Door height: 24'-0" max
 Section height: 24" max

This door has been evaluated per ASCE 7-02 & 7-05 as referenced by 2006 IRC 1609 & 2006 IRC 301, in accordance with ANSI/DASMA 108-02, 108-05, & ASTM E330-02. Design Pressures (DP) typically meet requirements for the following exposure B wind speeds. These wind speeds are for 8' high doors on buildings with a flat roof height less than 30 feet.

Door Width	With windows		No windows		Center	
	Design Pressure	Exp B	Design Pressure	Exp B	Stiles	2
12'-02"	17.3 / - 22.9 (psf)	111 (mph)	17.3 / - 22.9 (psf)	111 (mph)	2	2
12'-00"	17.3 / - 22.9 (psf)	111 (mph)	17.5 / - 23.2 (psf)	111 (mph)	2	2

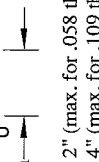
Center stile quantity is minimum per section.

Strut (if applicable) not shown for clarity.



Optional low head room top bracket

nominal \varnothing 2" (min.) ball roller with nylon or steel tread.

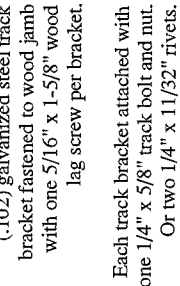
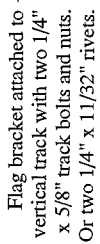
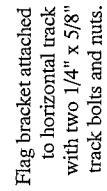
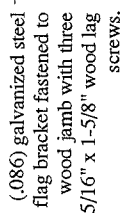
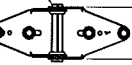
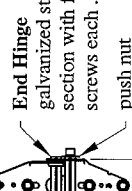
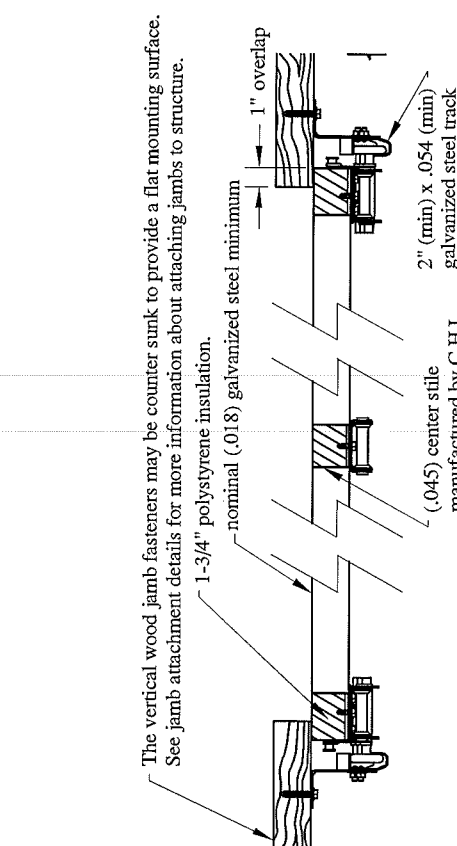


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Details on some views may have been omitted for clarity.

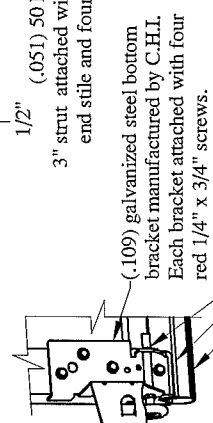
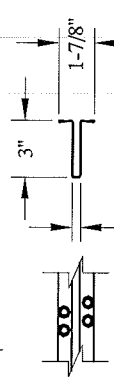
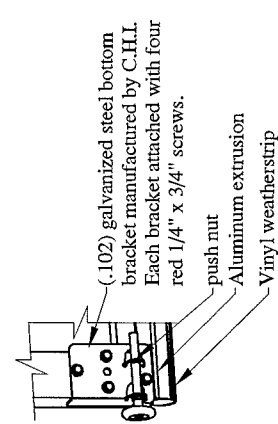


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Optional low head room bottom bracket

Aluminum extrusion Vinyl weatherstrip

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Professional Engineer's seal provided only for verification of windload construction details

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