

WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

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PRODUCT EVALUATION

PRODUCT: DR9312 QXV SERIES GARAGE DOOR

MANUFACTURER: DL MANUFACTURING
340 GATEWAY PARK DRIVE
NORTH SYRACUSE, NY 13212

To all concerned,

The DR9312 QXV Series Garage Door, manufactured by DL Manufacturing, is a Vertical Rolling PVC Panel Garage Door, with optional plexiglas windows. The door system has been tested per ANSI/DASMA 108-17, by Intertek B&C. with results shown in test report P6164.01-109-44.

Technical Documentation:

1. Drawing "DR9312", dated 5/17/22, signed and sealed by Scott Wolters, PE.
2. Test Reports listed above by Hurricane Test Lab, Inc. signed and sealed by Vinu Abraham, PE
3. Supplemental calculations to support "DR9312", signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 8th Edition (2023) Florida Building Code generally, and chapters 10, 17, and 26 specifically, for use outside the HVHZ.

Limitations: This door is approved for use outside of the HVHZ. It has not been tested for impact resistance. An impact resistant shutter system is required in windborne debris regions.

Overall Dimensions:

Maximum Frame Height:	Varies, based on number of panels.
Maximum Panel Height:	12" (nominal)
Maximum Overall Width:	117"
Maximum Panel Width:	109 1/2"
Maximum Design Pressure:	+/- 67.5 psf (Wind locks on Every Panel)

Locks: DR5819 Windload Cable Locks, fastened to the Windload Mounting Rail with 3/8"x1" HH Bolts, and to DR5809 Windload Brackets on the Door Panels using 3/8" Dia. Clevis Pins. (Locks are attached to each panel)

Hinges: Side Hinges: 7" roller wheel stems are inserted thru interlocking panel brackets attached to windload end cap supports at each end of panel.
Center Hinges: 3/8" Dia. Shoulder Bolts thru interlocking DR41012 center hinges.

Windows: 21 1/2" x 5 1/2" max. Plexiglas window by Elton Manufacturing, part# 0824BBS234SP (max. 1 per panel)

If you have any questions or need more information concerning this approval please contact me.

Thank you,


Scott Wolters
FL PE# 62354
MAR 04 2024

