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# Flexible Frame RC300 Series Rail Shelters

*All Models*

## Installation Instructions



Do not install this product unless you read and understand the Warnings and Installation Instructions contained in this manual. Failure to do so could result in serious injury or death.

# FLEXIBLE FRAME RAIL SHELTER RC300 SERIES –

## Installation Instructions

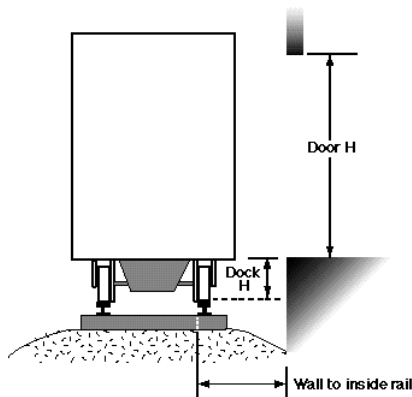
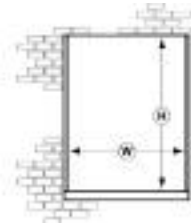
### CHECK FIRST:

To ensure proper measurement to accommodate the rail Dock Shelter you are installing, check the following:

A. Check the door height and width to verify that your shelter frame is properly sized.

B. It is recommended that the rail shelter frame projection conform to the following formula. Projection equals inside of nearest first rail to wall dimension - minus 24".

C. Unit height should be 15'-0" off top of rail for box cars. For refrigerated cars, unit height should be 15'-6".



### ⚠ WARNING

Improper lifting or attachment of seal/shelter can cause serious injury or death.

#### Installation requires:

- A structurally sound building wall,
- Barricades to keep people away from the area,
- Proper attachment of anchoring devices,
- Two or more people,
- A lifting device capable of lifting at least 500 lbs. at the installation angle.

If you have questions, contact your supervisor, your local McGuire™ distributor or McGuire™ at 1-800-624-8473.

### INSTALLATION (ALL SERIES):

1. Locate centerline of door.
  - 1A. For RC310 and RC320 only. Mount 2" x 4" bottom member with bottom 12" below dock level.
2. Nail tiebacks to rear of side frame, approximately 3'-0" and 5'-0" up from bottom (two sets per side).
3. Mount 2"x12" side members, bottom flush with dock level; centered with door width, making sure they're plumb.
4. Mount header (2"x6" raked or 2"x4" flat) between and flush with top of side frames.
5. Turn cover to locate top and bottom pipe sleeves. Insert pipe. Attach single pulley to center of top pipe using furnished hose clamps. Attach single pulley at each end of bottom pipe, using hose clamps.
6. Drape cover over frames; insert top and bottom pipe into single socket "T"s". Insert plastic end caps on pipe.
7. Tack cover into place using furnished roofing nails.
  - 7A. For RC310 and RC320 only. Attach wood lattice strip on top of cover and secure the perimeter with furnished duplex nails.
8. Insert ropes through pulleys, three (3) per unit:
  - A. (Longest Rope)
    - a. Secure to eyebolt on lower right hand side frame
    - b. Through single pulley on bottom pipe
    - c. Through single pulley on lower right hand side frame
    - d. Up to single pulley on top of side frame
    - e. Across the width of the header, going under the center-attached pulley and through the double pulley on left side of head frame.
    - f. Down to cleat
  - B. (Middle Rope)
    - a. Secure to eyebolt on head frame
    - b. Out to single pulley on center top pipe
    - c. Back to single pulley center of head frame
    - d. Over to double pulley side of head frame.
    - e. Down to cleat
  - C. (Short Rope)
    - a. Secure to eyebolt lower left side frame
    - b. Out to single pulley on left bottom pipe
    - c. Back to single pulley lower left side frame
    - d. Up to single pulley top of left side frame
    - e. Down to cleat
9. Attach springs, adjusting tension with chain links.
10. Attach three (3) tarp straps to head curtain.
11. Caulk and fill all voids. Clean pads and hardware as required. Clear the dock area of any debris resulting from installation procedure.

## SUGGESTED MOUNTING METHODS:

(Mounting anchors not included.)

**Concrete or Brick Wall:** Try to hit mortar joints. Use 1/2" or 3/8" x 3" expansion anchors. use through-bolt fastening if anchors will not hold, 3/8" threaded rod is recommended.

**Precast Concrete:** Same as above.

**Metal Skin Building:** Through-bolt fastening as above. Use a back-up plate (steel or wood) to support bolts or anchor through existing building horizontal and vertical structural members when possible.

**NOTE:** Dock Seals must have adequate bumper protection, 4" minimum.



**TROLLEY**  
(BALL BEARING STEEL  
WHEELS - ZINC PLATED)



**TRACK**  
(MIN. 16 GA.  
GALVANIZED STEEL)



**FRAME TEE**  
(DIE CAST STEEL PLATED)



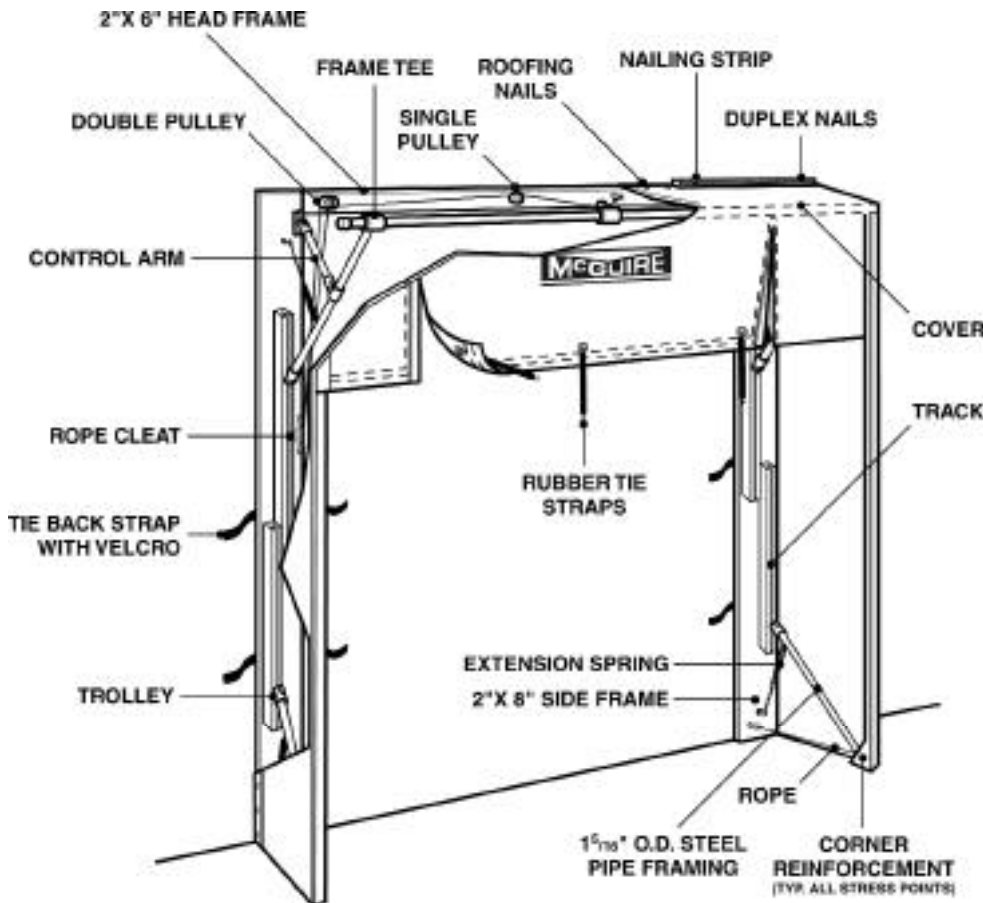
**DOUBLE PULLEY**  
(PLATED)



**SINGLE PULLEY**  
(PLATED)



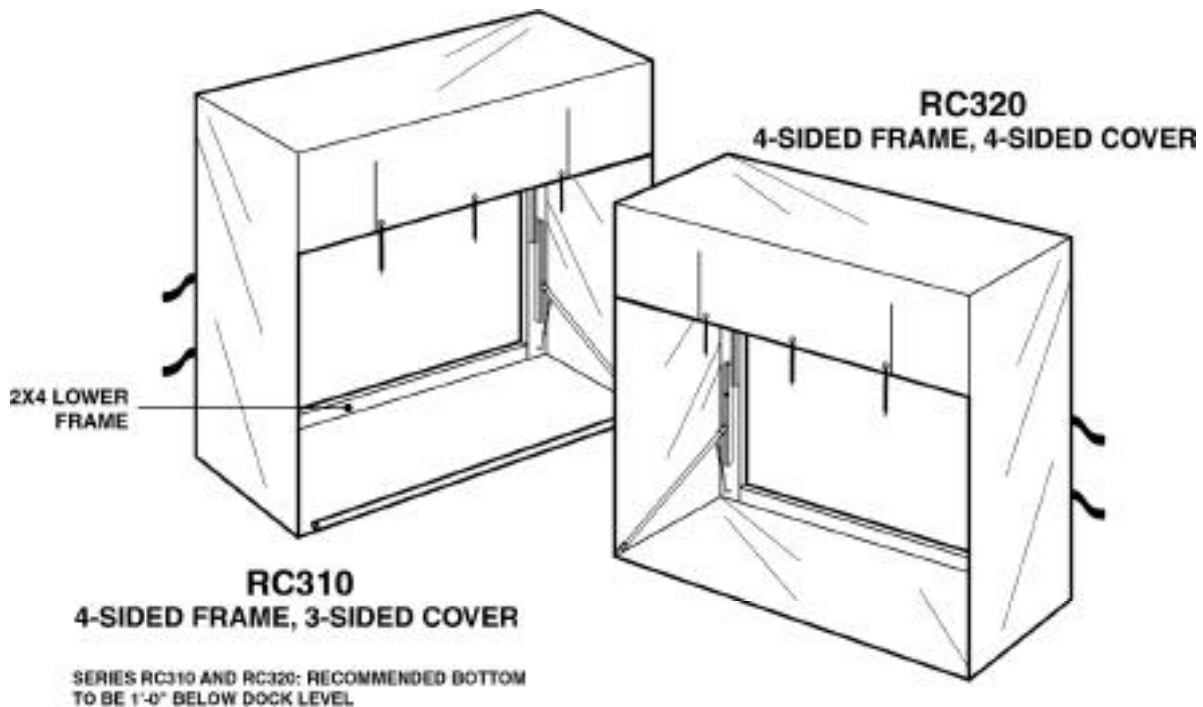
**CLEAT**  
(PLATED)



**SERIES RC300**  
3-SIDED FRAME, 3-SIDED COVER

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## OPTIONAL CONFIGURATION:



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## WARRANTY:

McGuire™ warranties extend only to the product itself.

McGuire™ DISCLAIMS all liability arising out of the workmanship, methods and materials used by the installer. WARRANTIES, whether express or implied, relating to workmanship and materials used in connection with the installation of McGuire™ products are specifically DISCLAIMED.

Note: Improper installation of anchoring devices or installation into aged or unsound concrete could result in premature product wear, product failure, or property damage.

RC300 Dock Shelter are custom built for each door. installation procedures are the same for all RC300 Dock Shelter regardless of size.

We have asked your local representative to present this information to you, inspect the installation, and familiarize you and your employees with proper operation of the product.

McGuire™ expressly warrants that any Dock Seal or Shelter sold by it will be free from defects in material and workmanship under normal use for a period of one (1) year from the earlier of, 1) 60 days after date of shipment, or 2) the date of installation of the Dock Seal or Shelter by the original purchaser, provided the product is properly applied and installed. In the event the Dock Seal or Shelter proves defective in material or workmanship, McGuire™ will, at its option:

1. Replace the Dock Seal or Shelter or the defective portion thereof without charge to the purchaser; or 2. Alter or repair the Dock Seal or Shelter, on site or elsewhere, without charge to the purchaser.

The warranty stated in the preceding paragraph is that expressed by McGuire™ AND IS IN LIEU OF ALL GUARANTEES AND WARRANTIES, EXPRESSED OR IMPLIED BY ANYONE OTHER THAN McGUIRE™. The warranty does not cover any failure caused by improper installation or application, abuse, or negligence. Parts requiring replacement due to damage resulting from vehicle impact, abuse or improper installation are not covered by this warranty. Seller assumes no responsibility or liability for (1) consequential damages of any kind which result from the use or misuse of the Dock Seal or Shelter, (2) damage or failure resulting from the use of unauthorized replacement parts or modification of the Dock Seal or Shelter; (3) damage resulting from the misuse of the Dock Seal or Shelter. **THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, AND THERE IS NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.**

McGuire™ warranties extend only to the Dock Seal or Shelter itself.

### McGUIRE™ DISCLAIMS:

- ALL WARRANTIES, whether expressed or implied, relating to workmanship and materials used in connection with the installation or maintenance of the Dock Seal or Shelter.

- All liability arising out of the workmanship, methods and materials used in the installation or maintenance of the Dock Seal or Shelter.

- All liability for premature product wear, product failure, property damage or bodily injury arising from improper installation or maintenance of the Dock Seal or Shelter.