

# Rite-Hite® Uni-Dox™ Inflatable Dock Shelter

## PART 1 - GENERAL

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- 1.1 CONDITIONS SPECIFIED ELSEWHERE: Section 010000 - General Requirements.
- 1.2 SUBMIT SHOP DRAWINGS showing overall dimensions (width, height).
- 1.3 SUBMIT 3 copies of manufacturer's owner's manual.
- 1.4 WARRANTY: Proposals submitted without the following written warranties will be considered non-responsive.
  - 1.4.1 Inflatable dock shelter manufacturer shall provide with his bid a written minimum 1-year parts and labor warranty, detailed specification sheet with sizes, projection, range of trucks to be serviced, and any other information necessary for proper installation and operation of the unit.
  - 1.4.2 Inflatable dock shelter parts not covered under the warranty shall include: NONE.
  - 1.4.3 In addition to all other warranties, the manufacturer shall warrant that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after date of installation. If Owner is not then satisfied with the performance of the equipment, the Owner may notify the manufacturer, and the manufacturer shall remove the equipment and refund the equipment purchase price to the Owner. This warranty shall be provided by the manufacturer in writing at time of bid.

## PART 2 - PRODUCTS

- 2.1 Inflatable dock shelter shall be manufactured by Rite-Hite or an approved substitute. Seal/Shelter shall be sized by manufacturer to meet specific application requirements.
  - 2.1.2 Inflatable dock shelter shall be \_\_\_\_\_' \_\_\_\_\_" overall width x \_\_\_\_\_' \_\_\_\_\_" overall height x \_\_\_\_\_" projection.
  - 2.1.3 Range of truck heights to be serviced shall be from \_\_\_\_\_' \_\_\_\_\_" to \_\_\_\_\_' \_\_\_\_\_".
  - 2.1.4 Range of truck widths to be serviced shall be from \_\_\_\_\_' \_\_\_\_\_" to \_\_\_\_\_' \_\_\_\_\_".
- 2.2 Inflatable dock shelter shall provide full access to trailer.
- 2.3 Inflatable dock shelter shall not be inflated until truck has backed into dock.

NOTE: Unit must be turned off before truck backs in or departs to prevent possible damage to side and head member. Optional interconnects to overhead door, dock leveler, or vehicle restraint are available.

- 2.3.1 After truck has backed in, unit shall be turned on from inside the building, side and head members shall inflate around trailer.

- 2.3.2 After the truck has completed its loading/unloading, inflatable dock shelter shall be turned off and retract back into storage covers.
- 2.4 Inflatable dock seal shall have ½ HP motor.
  - 2.4.1 Motor shall be located at center inside of head member.
- 2.5 Inflatable side and head bag members shall be constructed of 8oz. vinyl fabric.
- 2.6 Inflatable shelter shall have Uni-Dox style “AM” steel protective bumpers.
- 2.7 Side frame shall be constructed of 1-1/4” steel square tubing with a translucent fiberglass covering.
- 2.8 Storage curtain shall be PVC coated vinyl.
- 2.9 Header air bag shall be 10” wide.
- 2.10 Air bags shall be retracted with a set of springs and pulleys.
- 2.11 Bottom draft pads shall be flexible and move with the side bag.

**PART 3 - EXECUTION**

- 3.1 **INSTALLER** shall examine the substrate and conditions under which inflatable dock seal is to be installed and notify the A/E and Contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.
- 3.2 **INFLATABLE DOCK SEAL MANUFACTURER’S REPRESENTATIVE** shall install shelter/seal in accordance with approved shop drawings and manufacturer’s recommendations.
- 3.3 **AFTER INSTALLATION** is completed, a representative of the manufacturer shall examine the installation and require that all adjustments necessary to assure proper operation of shelter/seal has been made. Before acceptance, an inspection shall be conducted in the presence of the Owner’s representative to guarantee that the shelter/seal operates properly in every respect.