PLEASE READ - Installation Information

1. Read instructions through completely before proceeding.
2. Follow instructions carefully. Installation contrary to instructions invalidates warranty.
3. Screen should be accessible for complete removal should surface become damaged or should other service be required.
4. Screen should be installed level (using a carpenter’s level).
5. Nothing should be fastened to screen frame or viewing surface.
6. Ensure all parts are present.
7. Draper® recommends using two people for assembly and installation. When lifting assembled screen, do not lift at only one corner; lift at both corners. Lifting by one corner could result in damage to the screen frame, especially on large screens.
8. Installer is responsible for providing appropriate hardware for mounting.
9. The ideal temperature range for assembling permanently tensioned screens to prevent damaging the surface is 68°- 78° F (20°- 26° C). Assembling below recommended temperatures may damage surface and void warranty.
10. Use extreme care when handling TecVision surfaces. To prevent damaging the TecVision viewing surface, Draper strongly recommends using the provided white gloves.

Please Note: Custom products/installations may not be reflected by this document. Call Draper®, Inc. with any questions about product installation.

Section 1 - Preparation

1. Preparing to Unpack Screen
   Shipping container indicates the top of screen and gives instructions as to whether screen will unroll from stage right or left. Large screens should be properly located before removing to avoid unnecessary handling after removal from shipping container.

2. Removing Screen from Shipping Container
   Screen should NOT be lifted from the shipping case, but should be handled by rolling case on its side, after carefully removing lid and making certain that all nails, splinters of wood, or staples that might damage screen are removed. (This eliminates danger of a large screen sagging.)

Section 2 - Wall Brackets

Brackets must be secured and properly anchored into the wall with appropriate support. Installer is responsible for providing appropriate hardware for mounting.

Do not apply bracket directly into drywall. Support needs to secure to stud work or through ½” (13mm) thick or larger supported plywood.

Please Note: If using Extension Bracket, mount Wall Mounting Plate first; then set bracket and tighten in place.

After mounting wall bracket, Lace & Grommet frame tube can be installed.

CAUTION: Make sure to tighten setscrews to hold frame securely in place in bracket. Failure to lock frame into place on bracket could result in frame coming out of bracket, possibly damaging frame, and injuring bystanders.

CAUTION: Stagehands must support top, sides, and bottom while screen is being assembled and raised. Handle viewing surface gently. DO NOT CRUSH OR PINCH. PROTECT VIEWING SURFACE IN EVERY WAY POSSIBLE.

INSTRUCTIONS
INSTALLATION & OPERATION

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**PLEASE READ - Safety Information**

**WARNING**

Improper installation and use of the Lace & Grommet Screen can result in serious injury or death. Primarily, injuries can occur if the unit falls due to imprecise installation, mishandling of the shade during installation, or installation on an insufficient wall or ceiling structure. Please use extreme care.

1. Please read the following installation guidelines thoroughly and follow them carefully. Failure to do so may cause product to fall or otherwise fail, and could result in serious injury.
2. Installation and calibration of the unit should only be performed by an authorized, qualified, and experienced professional.
3. Do not affix the unit to wall or ceilings that have inadequate strength to permanently hold the unit during use. It is the owner’s and installer’s responsibility to confirm the wall or ceiling to which the unit attaches is sufficient to permanently hold the weight and stress loads of the unit at all times. Draper®, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation.
4. It is the installer’s responsibility to make sure appropriate fasteners are used for mounting.
5. All brackets and other hardware must be installed level. Unit must be level and square.
6. Never leave the area while operating the system during installation, maintenance, or normal operation, unless it is secure and safe.
7. Before testing or operation, carefully inspect the entire area of the system and areas underneath the shade to be sure no persons or objects are in the area.
8. During testing or operation, carefully watch the surrounding area for any potential safety concerns including nearby persons or objects.
9. After installation, the entire system should be carefully tested to ensure safe and normal operation. Extreme care should be taken during testing to remain clear of moving parts to avoid possible injury.
10. Operation of system should be performed only by authorized and qualified personnel, who have been trained in the safe and effective operation of the system and understand its safety features.
11. The safety features of the system should never be disabled, bypassed, or overridden. The system should not be operated until all safety features are properly and completely installed, calibrated, and tested.
12. System may need to comply with local, state, or district rules and regulations, in particular when installed in schools. All applicable rules and regulations should be reviewed before installation and use.
13. Failure to precisely follow installation guidelines invalidates all warranties.
14. Custom products/installations may not be reflected in this manual. Call Draper, Inc., if you have questions regarding your installation.

**Before Beginning Installation**

1. Look for any job site conditions that could interfere with installation or operation of the system.
2. Read carefully and be sure to understand all installation instructions and all related operations manuals. These instructions are intended to serve as a guide for the installer and owner. They should be followed closely and combined with the expertise of experienced qualified installers. Draper, Inc., is not responsible for improper installation, application, testing, or workmanship related to the product at place of installation. Please retain all instructions for future use.
3. Open cartons lengthwise.
4. Locate and lay out all pieces.
5. Inspect all boxes to make sure you have received the proper parts. Controls may be shipped separately, or in same carton.
6. If you have any difficulties with installing, servicing, or operating your system call your dealer or Draper, Inc., 765-967-7999.

**Section 3 - Frame Assembly**

Each tube is labeled with numbers, always start with Upper Stage Right Corner piece, and move clockwise around perimeter of frame:

1. Upper Stage Right Corner (top point) is marked with a “1,” and next tube section moving horizontally across the top is also marked with “1”.
2. Move clockwise matching “1” to “1”, “2” to “2”, “3” to “3”, etc. (Fig. 2).
3. Join tubing together by sliding inserts into open tube. Lock together by hand tightening provided attachment bolts into black tubing at each joint (Figs. 3 and 4).

**Please Note:** After hand tightening attachment bolts, a ½” (13mm) ratchet or wrench should be used to tighten each bolt.

Be sure to review each tube piece to assure bungee and hooks are secured in the tubing before attaching the surface to the hooks (see below).
Section 4 - **Optional Trim**

If Lace & Grommet screen is ordered with optional fabric trim, trim will ship detached from screen.

1. Velcro will be attached to front and back of screen border. Attach fabric wrap to front border first.
2. Wrap around frame and attach to the back, while flattening the fabric on the frame.

*Please Note:* Ensure that fabric is trimmed at the mounting brackets.
Section 5 - Dimensions

STANDARD FIXED BRACKETS

11 GA C.R.S.

Ø.385" (10 mm) thru four places

OPTIONAL EXTENSION BRACKETS

NOTE: These dimensions vary.