



www.HSIheadwalls.com

Installation Instructions

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INFINITY Window Spanning Headwalls



Introduction:

The Hospital Systems, Inc. (HSI) Infinity Window Spanning Headwall is made to order for this project.

Before attempting to install, please read and understand all of the instructions. In particular please refer to the final approved submittal drawings as they will take precedence over these instructions.

Preparation of the Headwall

Each headwall is individually packaged with particular care in the prevention of scratches. Each carton is labeled with a serial number that will indicate the room [if available] in which the headwall will be located. Serial numbers will look like 8654-A123-56. This can be decoded as follows: 8654 is the HSI Order ID number; A123 is the room number and 56 is the sequence number.

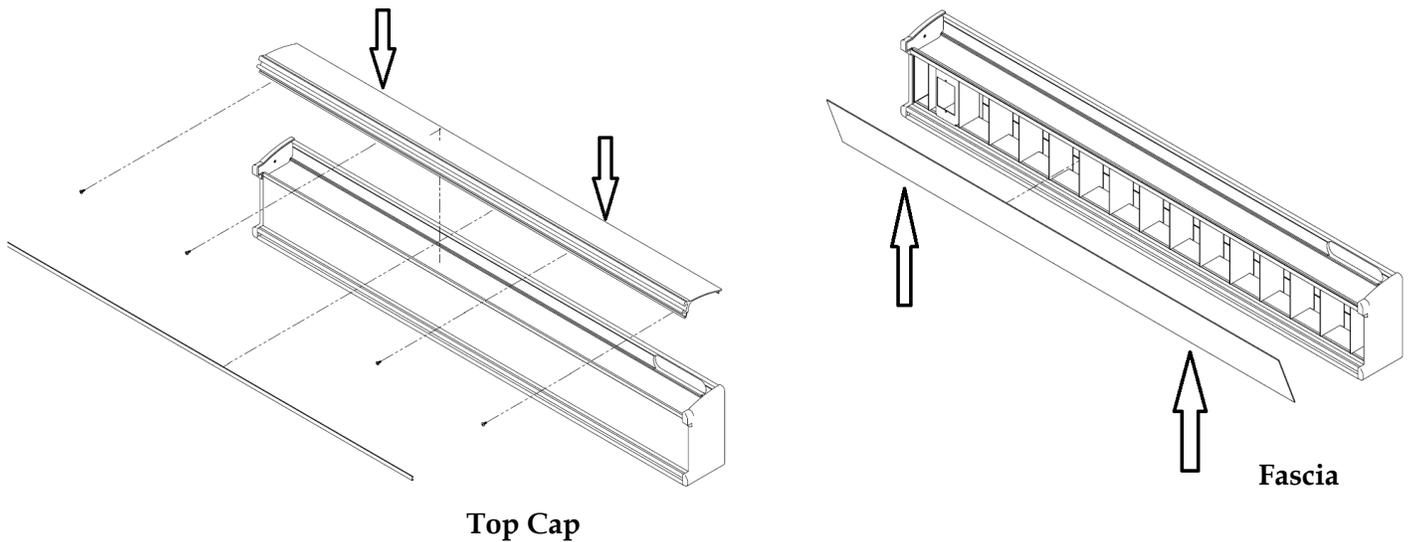
Upon receipt of your shipment of headwalls, immediately inspect all cartons for any visible damage in transit. If any is found, follow the instructions enclosed with the packing slip. Headwalls should be stored in a clean, dry location and remain in their carton until unpacked for installation.

Bring the headwall [still in its carton] to the room location where it will be installed. Lay the unit flat on its back and remove the top section of the carton. Be careful not to let the staples scratch the finish or your hands. Note from the drawing where the mounting fasteners are to be placed. Most headwalls are fastened to the building at three points:

Mounting of the Headwall

Remove headwall top cap to expose medical gas piping and set it aside, be sure to keep the top cap free of debris and damage

Removal laminate fascia to expose internal devices and wiring



It is important to keep the trim, screws and top cap together



HSI suggests creating a temporary brace to keep the headwall in place and level while attaching to the building wall



Place the horizontal rail(s) at predetermined height above the finished floor. The attached column brackets should be against the building wall in the correct position aligned with services. Attach the column brackets to the building wall using the four (4) pre-drilled holes in the column brackets.



Device Connections

Electrical and Communication Wiring and Cables

Pull electrical and communication from the building wall into the appropriate area within the headwall. Connect the incoming wires to the pig-tails or terminal strips provided in the headwall. Communication wiring should go through the terminal compartment directly to the device that it will serve. A pull cord has been provided.

Nurse Call and Other Communication Devices

Install devices per the installation instructions of the device manufacturer.

Note: for telephone and/or data jacks, we have provided a module holder and cover plate. These holders will accommodate standard RJ-11 and RJ-45 modules. Additional holders and cover plates as well as modules (in various colors, and blanks) are available from HSI.

Connecting the Medical Gas Lines

Medical gas piping has been factory cut to exact fit and installed to the column bracket. Note: if the horizontal rails are in sections, connections will be required between sections as well, fittings are provided.

Connect the medical gas lines. All brazing must be completed according to the NFPA 99 and local codes.

Test all medical gas lines and brazed joints according to NFPA-99 and local codes.



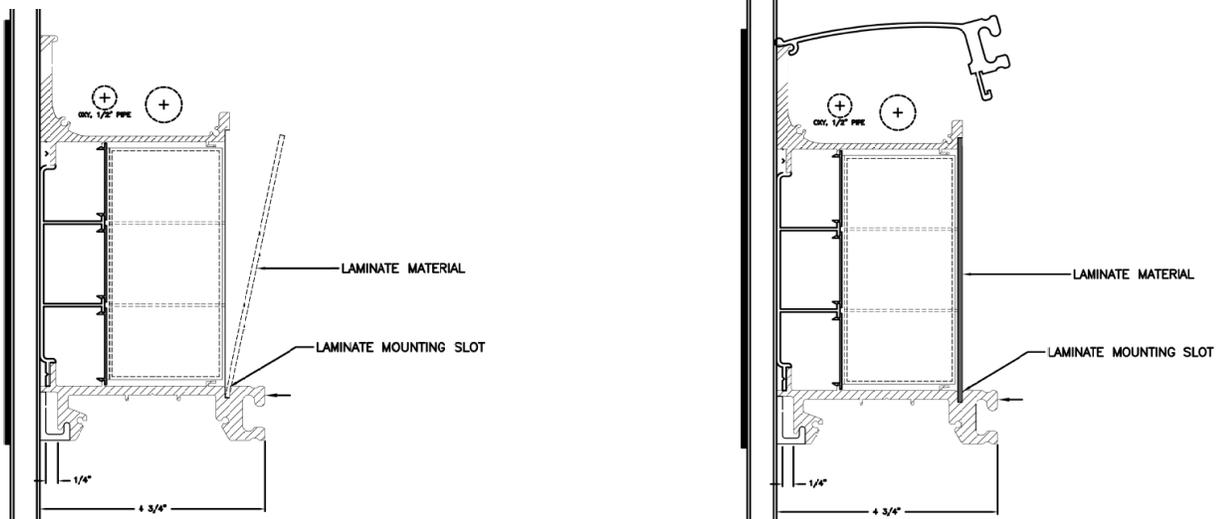
The inert gas (i.e. N₂, CO₂), used in brazing must not overheat the gas outlet. (Suggestion – have inert gas flow through and away from the outlet.) Damage to the outlet due to overheating is NOT covered by warranty. HSI suggests using a wet rag while making final connections.



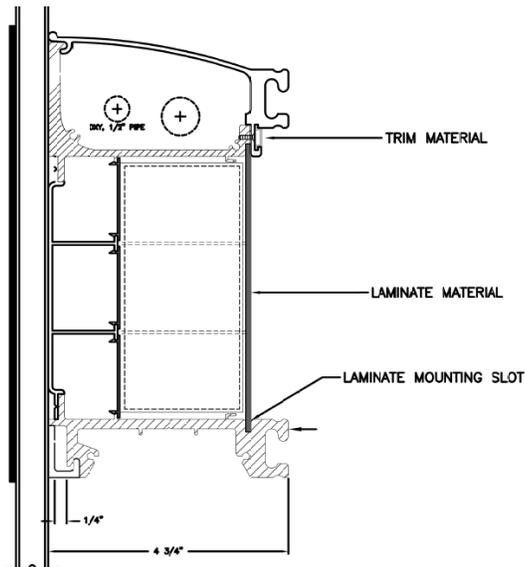
All piping and medical gas outlets in the headwalls are debris-free. Please use care when blowing down the system piping that no debris comes into the headwall as damage to the medical gas outlet O-Ring may occur. Damaged outlets are NOT covered by warranty.

Finishing

Replace Fascia by aligning into the slot of bottom extrusion over the top of the fascia. Replace the screws and cover with snap in trim.



Replace the top cap on the horizontal rails





Do NOT use powered screwdrivers for medical gas outlets. Stripped holes or screw heads are NOT covered by warranty

Final Test

Medgas outlets: Complete the testing as per NFPA-99.

Electrical devices: Test electrical receptacles and other devices per local code and general practices.

Cleaning

Use a soft cloth with non-abrasive cleaner (i.e. 409 or Windex) to remove dirt and fingerprints.