

MDL7296S

ASSEMBLY INSTRUCTIONS

PART NAME AND QUANTITIES: (See packing list for component weights)

STANDARD (STD) COMPONENTS:

- STD ceiling component (72" x 48") (2)
- STD floor component (72" x 48") (2)
- STD wall component (81" x 40") or (3) total
STD wall component (81" x 40") with optional window
- STD wall component (81" x 40") with ventilation (2)
- STD wall component (81" x 40") with door opening (1)
- STD door (75 1/4" x 23 1/2") (1)
- STD wall component (81" x 16") (2)
- STD corner seam seal component (81") (4)
- STD mid-wall seam seal component (81" x 13 3/4") (4)
- STD ceiling seam seal (70 x 6 1/2") (1)
- STD floor seam seal (65 1/2" x 7") (1)
- Acoustical foam sheets (2' x 4' x 2" thick) (7)
- Exhaust duct component (48" x 6 1/2" x 6 1/2") with attached fan unit (2)
- Intake duct component (48" x 6 1/2" x 6 1/2") (2)

HARDWARE:

- Black 1 3/4" bolts (76)
- Black 3/4" bolts (12)
- Black washers (76)
- Black plastic male fasteners (34)
- Black plastic loop locks (34)
- Black plastic edge protectors (32)
- Black Velcro® fasteners (2)
- Door knob (1)
- Light (1)
- Adjustable strike plate (1)
- Wireless remote switch (1)
- 3-way electrical plug (1)
- Miscellaneous spare parts

Hardware & Miscellaneous Small Parts

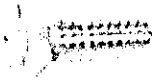
(For MDL 6060 S/E (5' x 5') and larger)



Black 1 3/4" bolt



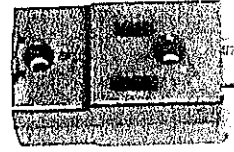
Black 3/4" bolt



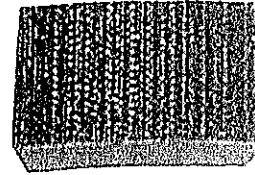
Silver 3/4" bolt



Black washer



3 - way electrical plug

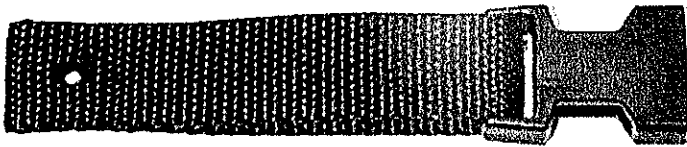


IEP Seam seal spacer
(Enhanced models only)

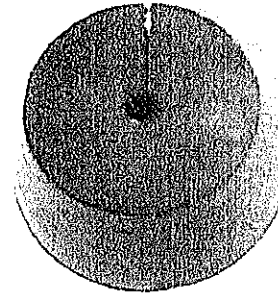


Velcro® hook fastener

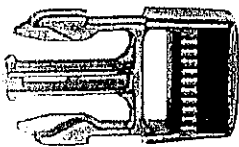
(Above items are actual size)



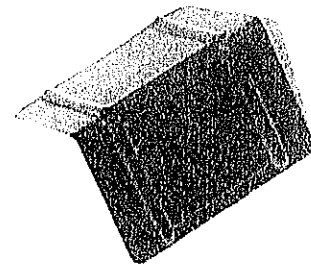
Black plastic female fastener



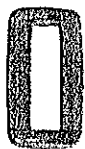
Cable passage plug



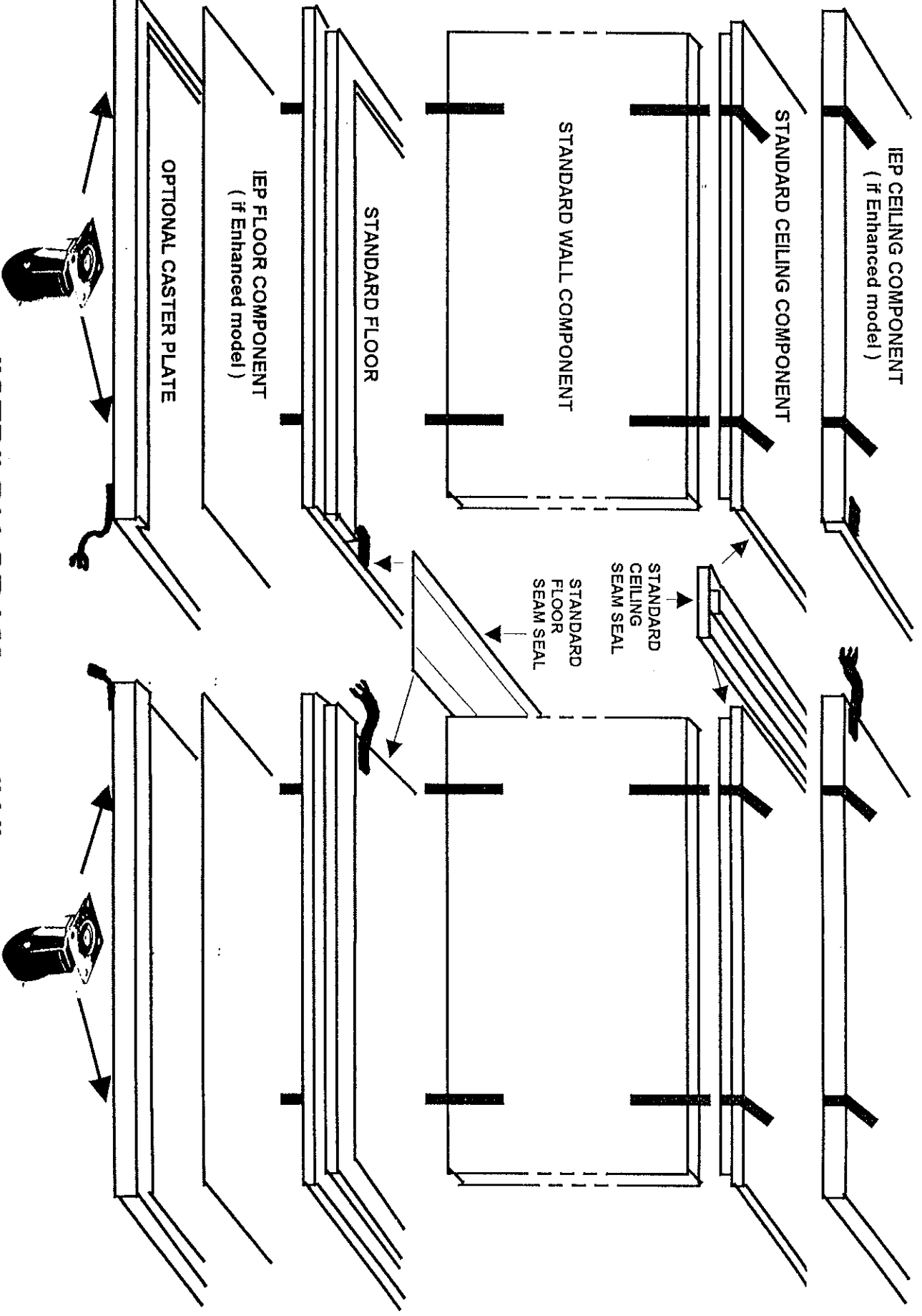
Black plastic male fastener



Edge protector for straps

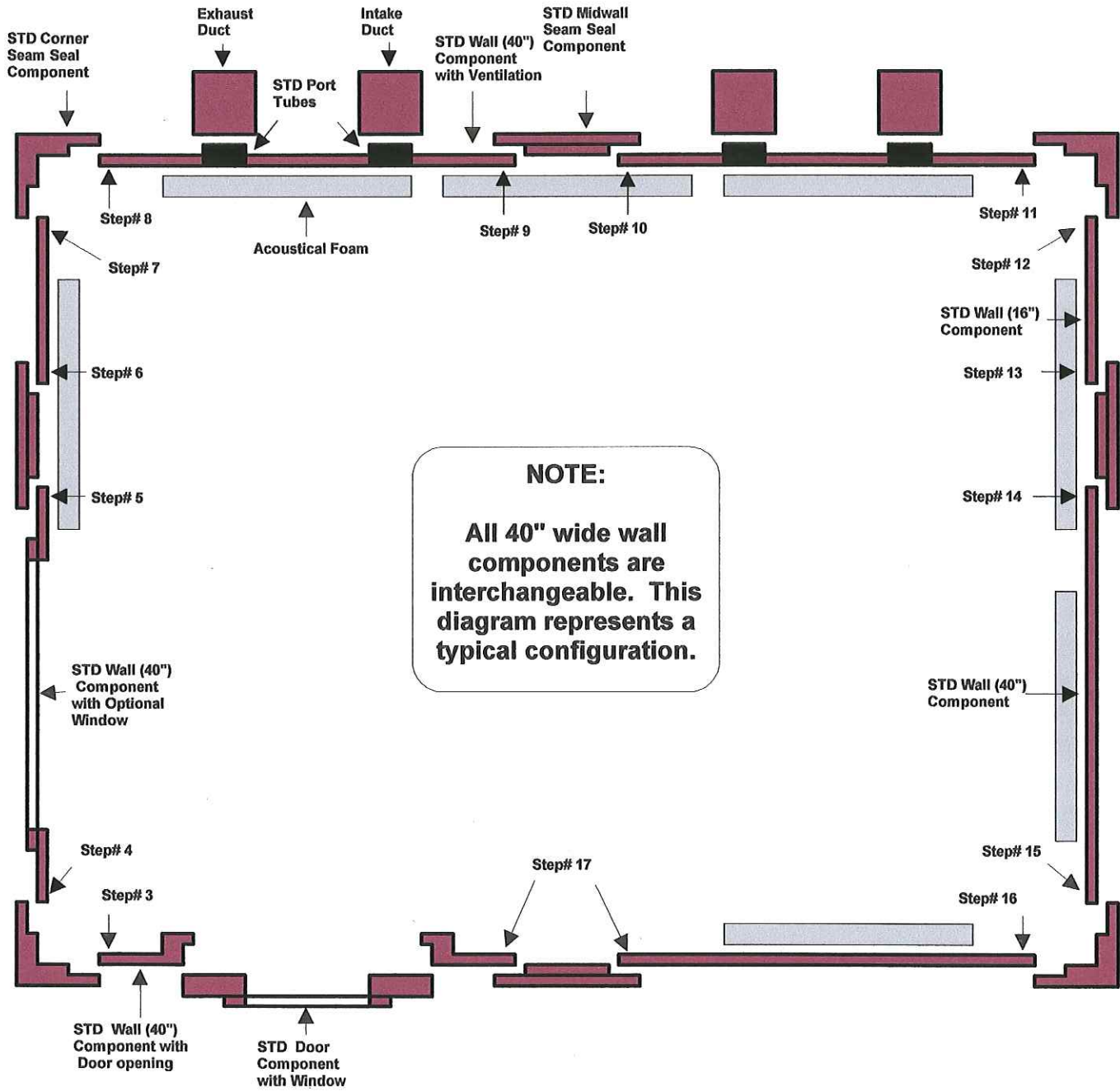


Black plastic loop lock



"STD" DIAGRAM - "A"

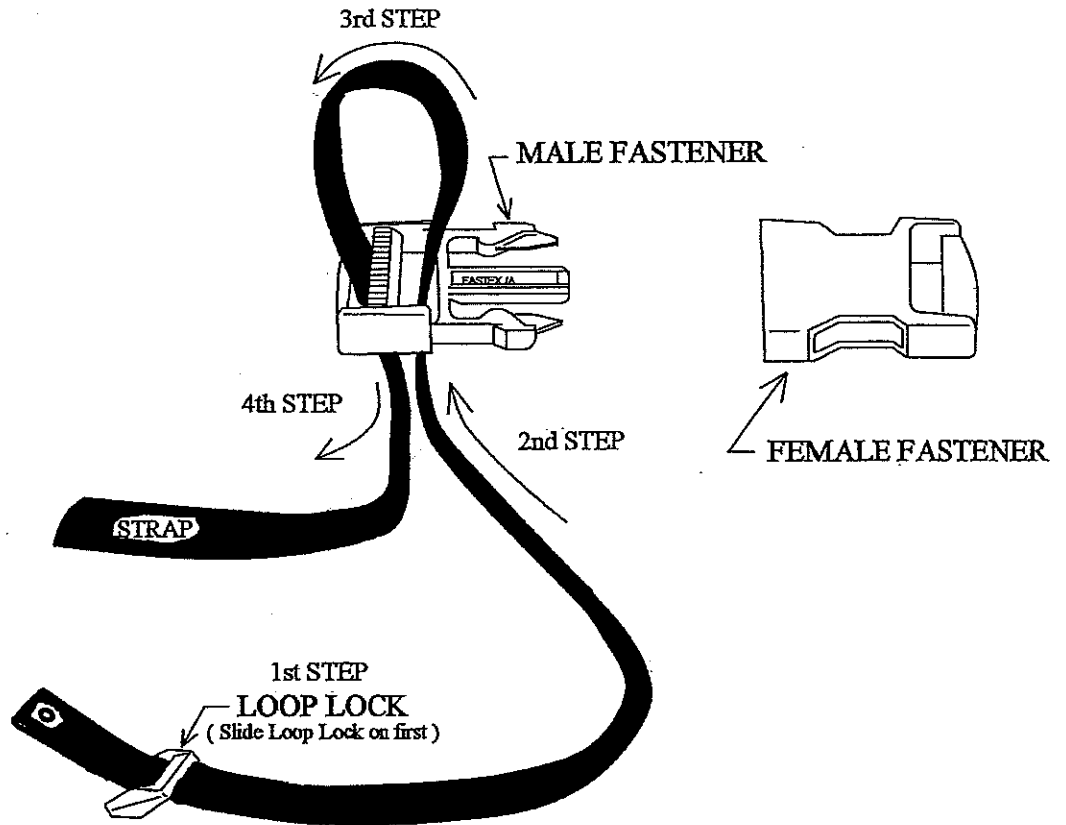
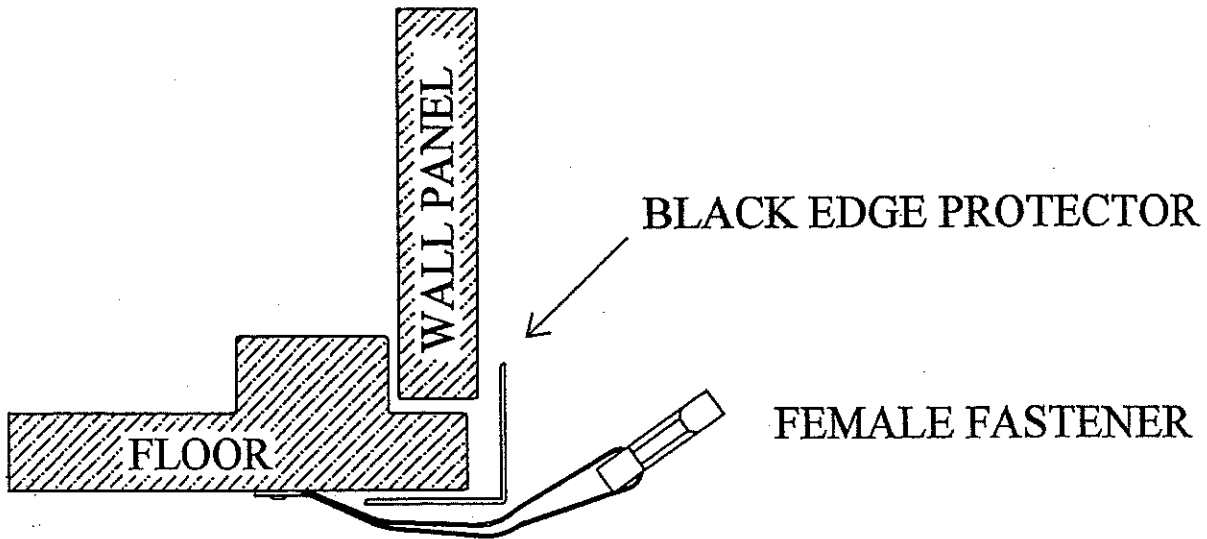
MDL 7296S (6' X 8')



"STD" DIAGRAM - "B"

(Top Down View)

DIAGRAM - "C"



TUCK FOLDED STRAP THROUGH LOOP LOCK

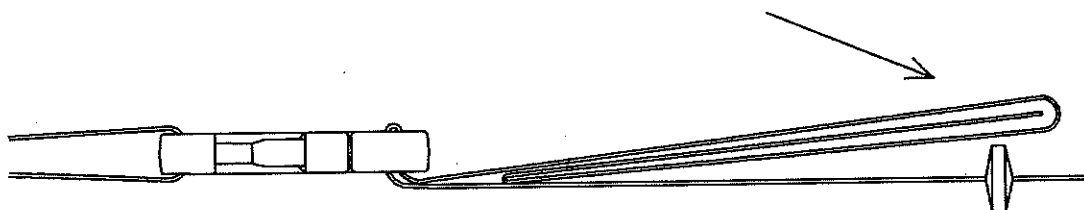
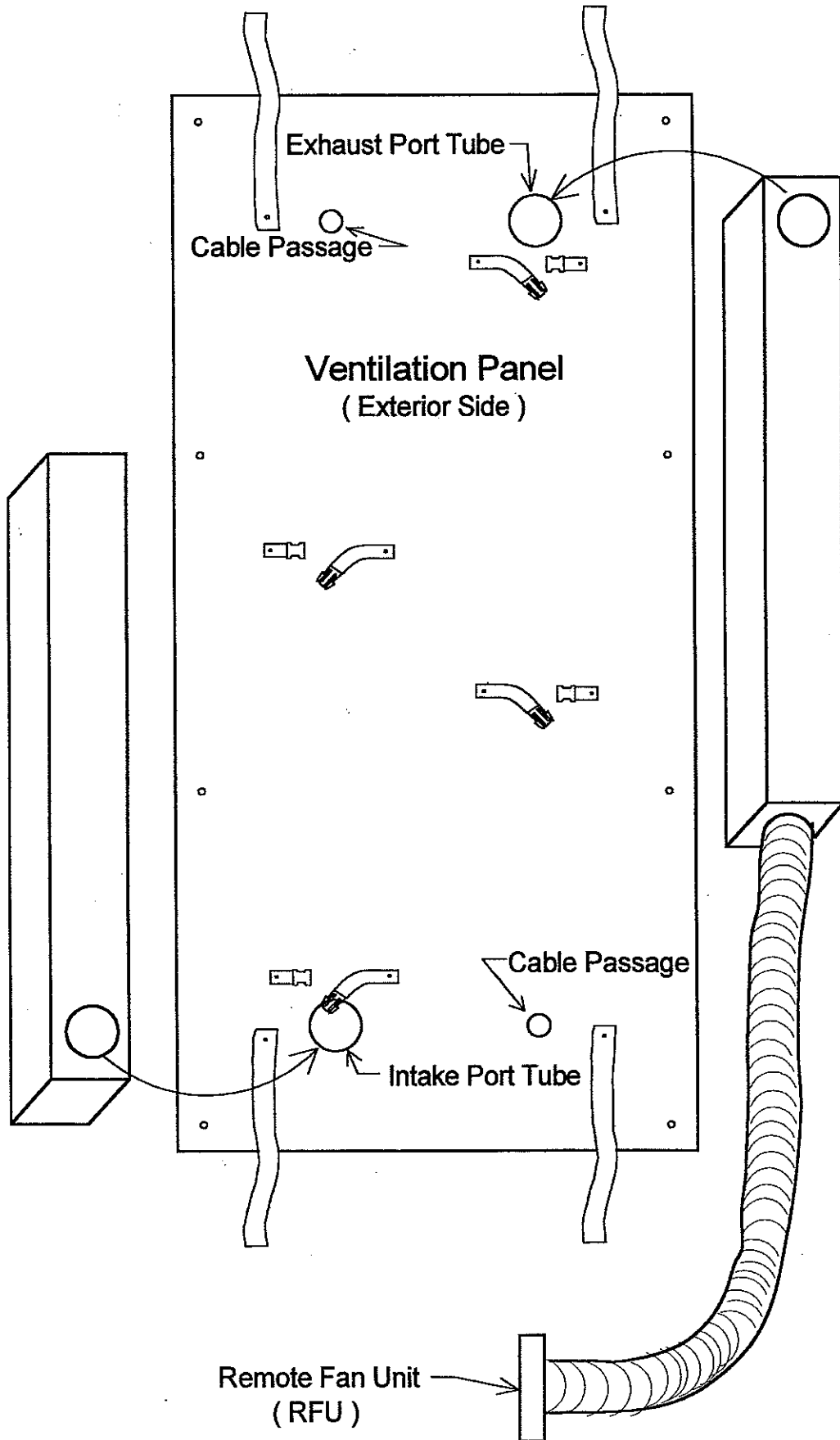


DIAGRAM - "D"

VENTILATION SYSTEM INSTALLATION



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ASSEMBLY INSTRUCTIONS

OPTIONAL CASTER PLATE:

- Caster plate component (74" x 49") (2)
- Casters with brakes (4)
- Casters without brakes (20)
- Silver 3/4" bolts (96)
- Black plastic male fasteners (2)
- Black plastic loop locks (2)

Installation of "OPTIONAL" CASTER PLATE:

NOTE: Refer to Diagram - "A"

STEP # 1:

- a. Position both caster plate components upside down with threaded inserts up and straps together.
- b. Using a screw driver and the 3/4" bolts provided, attach the casters to the base of the caster plate components. Four casters have locks and go at each of the four corners, two on each component.
- c. Install a male fastener only (a loop lock is pre-installed with the female fastener) onto each of the two dangling straps. **(Refer to Diagram - "C")**
- d. Flip both components over, push them together and attach the two fasteners.
- e. Slightly lift both components (apx. 6") at the seam where they touch, so that the straps become loose.
- f. Retighten the straps and let the components drop back onto the floor while at the same time aligning them.
- g. Tri-fold the loose strapping material and tuck it into the loop lock.
- h. For safety, you should lock the brakes on all four corner casters prior to the installation of the standard wall and seam seal components.

NOTE: If IEP 7296 is to be installed (Enhanced Isolations models only), go to STEP # 1 of IEP installation instructions at this time.

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ASSEMBLY INSTRUCTIONS

Installation of Standard FLOOR components:

NOTE: Refer to Diagram - "A"

STEP # 2:

- a. Position the floor components either down into the optional caster plate or onto the floor of the room where the WhisperRoom unit is to be assembled. The side with straps attached should be facing downward and the open ends should be touching. **NOTE:** To prevent any confusion, please note that this component does not have preattached foam padding. The component with the foam is the ceiling.
- b. Install a loop lock and male fastener onto each of the two dangling straps. Then connect them to the preattached female fasteners and pull tight.
(Refer to Diagram - "C")
- c. Carefully lift the outer edge (edge parallel with seam between components) of one of the floor components approximately six (6) inches. This will cause the straps to become loose. Another person should again tighten the straps. Then slowly lower the component back to the floor while at the same time aligning the two components. This will ensure a tight seam.
- d. Tri-fold the loose strapping material and tuck it into the loop lock.
- e. Position the floor seam seal strip over the seam between the two components and align the holes. You will need to flex the seal and slide each end underneath the straps previously attached.
- f. Loosely thread a black 3/4" bolt through each hole of the seam seal. Tighten the bolts only after all have been started. **NOTE: Do not over tighten.**
- g. Slightly lift each side of the floor and insert a black plastic edge protector between each strap/fastener and the floor. Ensure that the strap is centered on the edge protector. **NOTE:** If the floor has been installed into a caster plate, you will need to slightly lift each side of the floor out of the caster plate to insert the edge protectors. **(SEE STRAPPING DIAGRAM - " C ")**

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ASSEMBLY INSTRUCTIONS

Installation of Standard WALL and SEAM SEAL components:

IMPORTANT! Review the following information before proceeding with the installation of wall and seam seal components. This will expedite the installation and prevent unnecessary, and possibly dangerous, mistakes.

- **SAFETY:**

1. If an optional caster plate has been installed, lock all four brakes prior to continuing.
 2. To prevent toppling, ensure that components are secure and properly supported.
- All 40" wide wall components (solid, window, ventilation and door) are interchangeable. This allows for a variety of configurations.
 - When positioning wall components, ensure that the exterior wall straps are in alignment with the floor straps.
 - Follow these steps when attaching components to one another:
 1. Position so that the holes in the wall component are in alignment with the threaded inserts in the seam seal.
 2. Loosely, hand thread four 1 3/4" bolts with washers through the wall component and into the seam seal inserts. **NOTE:** Ensure that the bolts are not cross threaded. If they seem tight, back them out, shift the components slightly and try again. Forcing them could cause damage to the threaded inserts.
 3. Push the components together snugly, ensure that the tops and bottoms are flush, then tighten the bolts. **NOTE:** There is no need to over tighten. Snugging the bolts with a hand held screwdriver is sufficient.

NOTE: Refer to Diagram - "B"

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ASSEMBLY INSTRUCTIONS

- STEP # 3:** Attach a corner seam seal to any 40” wide wall component and position both onto the WhisperRoom floor component.
- STEP # 4:** Attach any 40” wide wall component to the previously installed corner seam seal.
- STEP # 5:** Attach a mid-wall seam seal to the previously installed 40” wide wall component.
- STEP # 6:** Attach a 16” wide wall component to the previously installed mid-wall seam seal.
- STEP # 7:** Attach a corner seam seal to the previously installed 16” wide wall component.
- STEP # 8:** Attach any 40” wide wall component to the previously installed corner seam seal.
- STEP # 9:** Attach a mid-wall seam seal to the previously installed 40” wide wall component..
- STEP # 10:** Attach any 40” wide wall component to the previously installed mid-wall seam seal.
- STEP # 11:** Attach a corner seam seal to the previously installed 40” wide wall component.
- STEP # 12:** Attach a 16” wide wall panel to the previously installed corner seam seal.
- STEP # 13:** Attach a mid-wall seam seal to the previously installed 16” wide wall component.
- STEP # 14:** Attach any 40” wide wall component to the previously installed mid-wall seam seal.
- STEP # 15:** Attach a corner seam seal to the previously installed 40” wide wall component.
- NOTE:** At this time, if an IEP is to be installed, you need to position the unpackaged IEP Door Jamb inside the partially assembled enclosure.
- STEP # 16:** Attach any 40” wide wall component to the previously installed corner seam seal.
- STEP # 17:** Attach a mid-wall seam seal to the previously installed 40” wide wall component and the 40” wide wall component which was installed in STEP # 3.
- STEP # 18:** Install loop locks and male fasteners onto each of the four dangling straps located on the exterior surface of each wall component.
(Refer to Diagram - “C”)
- STEP # 19:** Attach and securely tighten all floor-to-wall fasteners. **NOTE:** Prior to tightening each strap, ensure that the black plastic edge protector is pushed tight against the floor and that the strap is centered.

MDL7296S

ASSEMBLY INSTRUCTIONS

Installation of Standard CEILING components:

NOTE: Refer to Diagram - "A"

STEP # 20:

- a. Position the first 72" x 48" ceiling component on top of the wall and seam seal components which were installed in STEPs # 3 through 8.
- b. Insert and center a black plastic edge protector between each strap/fastener and the ceiling. Then loosely attach each ceiling-to-wall fastener.
- c. Position the second 72" x 48" ceiling component on top of the remaining wall and seam seal components.
- d. Insert and center a black plastic edge protector between each strap/fastener and the ceiling. Then loosely attach each ceiling-to-wall fastener.
- e. Using 1 3/4" bolts with washers, attach the ceiling seam seal. Loosely thread the bolts, then ensure components are aligned and pushed tightly together prior to tightening the bolts.
- f. Securely tighten all ceiling-to-wall fasteners. **NOTE:** Do not tuck excess strapping at this time.

STEP # 21: Proceed with the "FINISHING TOUCHES" section of these instructions.

FINISHING TOUCHES

(02/22/07)

- **Install door:** It is highly recommended that two people participate. Also, be careful not to damage the rubber stripping around the perimeter of the door while handling.
 - a. Remove all packaging materials from the door.
 - b. Remove the small rubber band from each hinge pin on the door panel. It is there only to keep the plastic washer from falling off during transit.
 - c. Position the door perpendicular to the door frame panel and align the hinges. One person should support the bottom of the door and align the bottom hinge while the other person supports the top of the door and aligns the top hinge. Also, the door is intentionally bowed to ensure that the top and bottom have a tight seal. Because of this, it may be necessary to flex the middle of the door slightly inward to align the middle hinge.
 - d. Once the hinges are aligned, rock the door back and forth slightly and apply constant downward pressure until a full connection is made.
- **Install door knob:** Follow manufacturers' instructions and **pay particular attention to STEP # 7.** **Also, ignore STEPS # 10 and 11.** When installing the interior rose plate you may need to slightly bend the small metal prongs on the interior mounting plate in order to get the rose cover to stay attached. Simply use a screwdriver and wedge them out as necessary after attaching the mounting plate tightly. **NOTE:** If "IEP" is to be installed, do not install the interior rose and lever at this time.
- **Install adjustable strike plate:** Follow manufacturers' instructions. Screw holes have been predrilled and marked. Once installed, this will allow for the adjustment of the door seal. **It is important that the seal around the perimeter of the door be tight to prevent sound leakage.** There is a simple test to check this. With the door open, lay a dollar bill across the rubber seal just above the latch plate. Then close the door and gently tug on the dollar bill. You should feel a slight resistance. If not, you will need to adjust the strike plate by moving the plate closer to the rubber seal. **NOTE:** Do not over tighten. This could cause the door to become bowed outward at the top and bottom.

NOTE

If an Isolation Enhancement Package (IEP) is to be installed, you should hold off on performing the remainder of the " FINISHING TOUCHES " section and proceed to STEP # 2 of the "IEP" installation instructions at this time. When you have completed the "IEP" installation you will be directed to return to this point.

- **Fold and tuck excess strapping material:** Ensure that each fastener is pulled tight. Then fold the excess strapping material and neatly tuck it into loop locks previously installed. (**Refer to Diagram - "C"**).

FINISHING TOUCHES

(02/22/07)

NOTE: Excess strapping material over windows cannot be folded because of limited space. In this case, simply attach a 1 by 2 inch piece of adhesive backed Velcro® to the back side/end of the loose strap, fold it over onto the top of the ceiling and attach it. You will find spare Velcro® strips in your hardware package.

- **Install light(s):** See separate “ Light Attachment Blocks” instruction diagram.

- **Install ventilation system(s):**

NOTE: Refer to Diagram - “D”

- a. Ensure that the black, circular, 4" diameter port tubes, located on each ventilation wall panel, are protruding out on the exterior side. If a “STANDARD” model is being assembled the port tubes should be flush with the interior wall surface. If an IEP has been installed to convert to an “ENHANCED” model, interior duct covers will have been attached to the port tubes.
- b. Disconnect and loosen the fasteners located on the exterior surface of the ventilation wall components.
- c. Align the circular openings, located on the side of each ventilation duct, with the port tubes and push the duct until it is firm against the wall surface. **NOTE: Be careful not to push the port tube back through the wall.** The exhaust duct attaches to the port tube located to the upper right hand side and extends downward while the intake duct attaches to the lower left and extends upward.
- d. Carefully hold the ducts and attach the fasteners. Ensure that the loop locks are located on the outer side of the duct (side opposite the WhisperRoom). Ensure that each fastener is pulled tight. Then fold the excess strapping material and neatly tuck it into loop locks previously installed. (**Refer to Diagram - “C”**).
- e. Plug the remote control outlet into any standard electrical wall outlet.
- f. Plug the Remote Fan Unit (RFU) cord into the remote control outlet.
NOTE: A small multi-plug is provided with WhisperRoom units which have more than one RFU. Plug all RFU’s into the multi-plug. Then plug the multi-plug into the remote control outlet.
- g. Position the RFU(s) onto foam pads to prevent vibrations and structure born noise. The gray foam pieces used for packaging the ventilation system(s) will work perfectly.
- h. Attach the wireless remote control to the interior wall surface. Simply place a strip of the adhesive backed Velcro® (provided) to the back of the control, then attach it to the wall surface anywhere you desire.

FINISHING TOUCHES

(02/22/07)

- **Install interior acoustical foam:**

Several 2 by 4 foot sheets of acoustical foam are provided with each WhisperRoom unit. The number of sheets depends on the size of the unit. Two Velcro® brand fastening strips have been pre-attached at one end of each piece of foam. Position and attach the acoustical foam vertically (with both fasteners toward the top) on the interior wall surface as you desire. Press or tap firmly in the vicinity of the fastening strips. The foam can be attached and removed, repeatedly.

- **How to install cables through cable passage plugs:**

- a. Remove a plug from the wall component.
- b. Open the slotted side of the plug and insert a single large cable or a couple of smaller cables. **NOTE:** Ensure that the tapered side of the plug is toward the wall.
- c. Allow the linear footage of cable needed and push the cable end through the opening.
- d. Reinsert the plug into the wall and tap firmly. The plug should be flush with the wall surface.

MAINTENANCE:

- Hinges: Lubricate as necessary.
- Door Knob: Lubricate latch bolt as necessary.

OPTIONAL

VENTILATION SILENCING SYSTEM (VSS)

INSTALLATION

PARTS LIST:

- VSS duct with pre attached clamps (2)
- Hose (7 foot) (1)
- Hose (4 foot) (1)

TOOLS NEEDED: Phillips screw driver

- STEP # 1:** Loosen the four clamps and detach the Remote Fan Unit (RFU) from the Standard Exhaust Duct.
- STEP # 2:** Position a VSS duct against the wall at each side of the standard exhaust duct with the 4" holes, at the bottom side, facing to the left.
- STEP # 3:** Connect the tops of the two VSS ducts together with the seven foot hose. Simply position the ends of the hose over the holes and tighten the clamps until snug. Let the hose rest on the top of the standard, wall mounted, exhaust duct.
- STEP # 4:** Connect the RFU to the side of the VSS Duct # 2 as in the diagram.
- STEP # 5:** Connect the VSS Duct # 1 to the Standard Exhaust Duct with the four foot hose.

**OPTIONAL
VENTILATION SILENCING SYSTEM (VSS)
INSTALLATION**

