

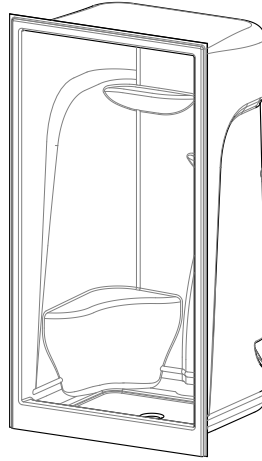
Installation Instructions

Acrylic Shower Modules

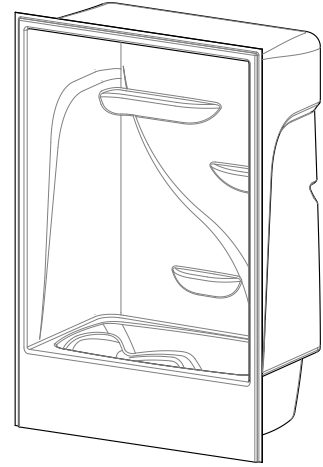
Product Type	Overall Dimensions: Inches (mm)
48" Shower Module	48"W X 36"D X 90"H
60" Shower Module	60"W X 36"D X 90"H
Tub-Shower Module	60"W X 34"D X 90"H



60" with Seat



48" with Seat



Tub-shower

A. PRE-INSTALLATION PLANNING

- Unit must be placed within bathroom area before completion of door framing or, if preferred, studs may be omitted or knocked-out to permit unit placement.
- Make sure framed-in alcove is of proper size, square and plumb; check floor for levelness.
- If fire-rated alcove is required, approved finish material must be in place prior to unit installation to meet fire safety requirements of local building code and/or FHA/HUD Minimum Property Standards. **NOTE: finished alcove must have interior dimensions shown on rough-in diagram to permit installation of unit.**
- Casting plaster or other foundation materials are recommended. Shimming may be needed to level unit and for additional support.
- If a shower door is to be installed, measure enclosure opening before ordering, or order a Aquatic Door for a quality custom fit.
- If dome light will be installed, cut out required area within molded 12" (305) sq. flat area in center of dome. Use fine-tooth or abrasive-grit blade. Cut from inside. Light fixture must have UL label, and be water- and steam-tight.

B. CRITICAL PRE-INSTALLATION ROUGH-IN REQUIREMENTS

Make sure these provisions have been made before attempting to install unit:

- 6" (150) diameter floor opening for 2" (50) IPS and drain connection [Fig. 1] for shower unit.
- 6" x 12" (150 x 305) diameter floor opening for drain and overflow plumbing [Fig.1] for tub-shower unit. Be sure hole location matches type of tub-shower: left or right hand unit.
- Front corner posts are double 2" x 4" (50 x 100) studs for flush mounting.

ALCOVE			
DIMENSION	48" Shower Module	60" Shower Module	Tub-Shower Module
W	46" (1170)	58" (1475)	58" (1495)
D	36" (915)	36" (915)	34" (865)

HEIGHT, WIDTH DIMENSIONAL TOLERANCE +0, - $\frac{3}{8}$ " (± 5 mm)
 GENERAL DIMENSION TOLERANCE: + $\frac{3}{8}$ " (10mm), - $\frac{3}{8}$ " (5mm)

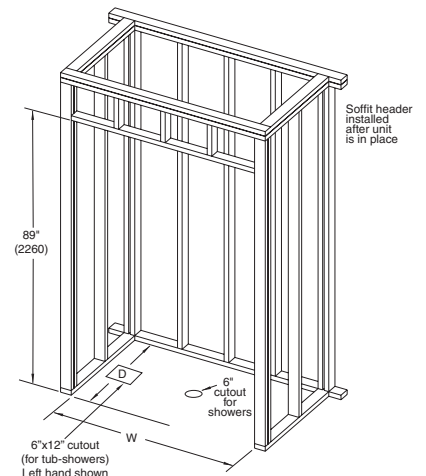


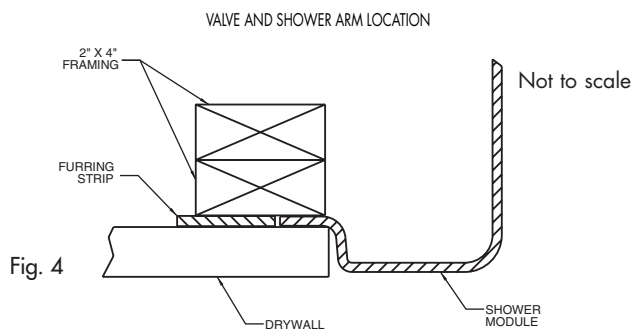
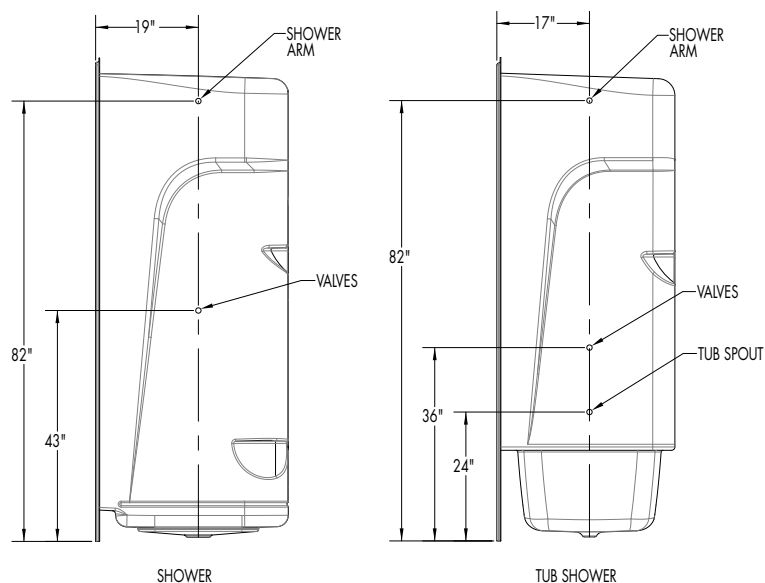
Fig. 1 Framing

Installation Instructions

Acrylic Shower Modules

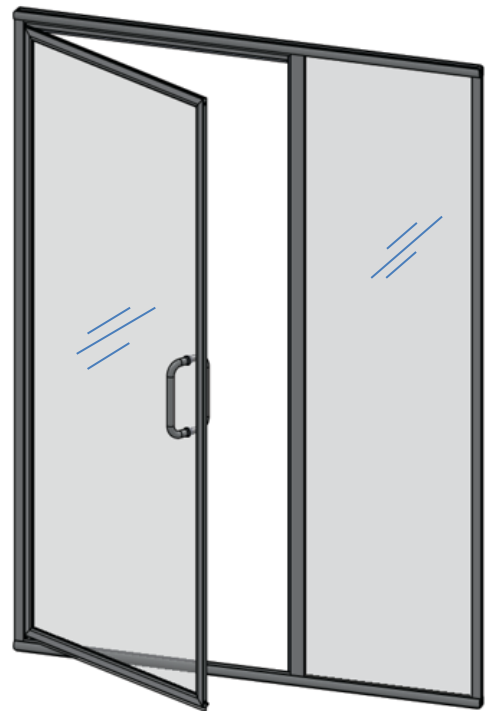
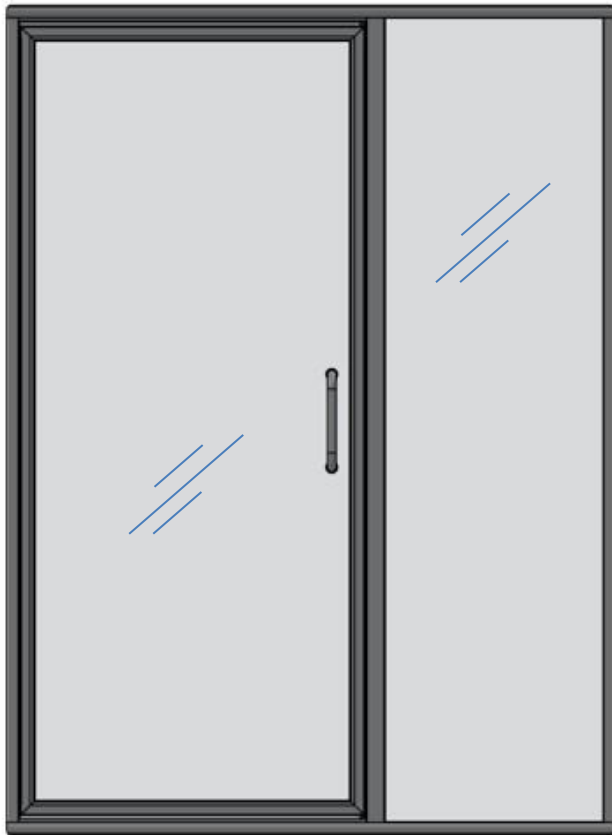
C. INSTALLATION PROCEDURE

1. To avoid obstruction, make sure that supply lines and valve plumbing are not strapped to studs and do not project into alcove.
2. On outside of plumbing endwall of unit, mark locations of shower arm, valve/s and tub spout in accordance with dimensions shown in Fig. 2 and Fig. 3. Double-check location of marks. Drill 1/4" (5) pilot holes.
3. From inside of unit [glossy side], using proper size hole saw with fine-tooth or abrasive grit cutting edge, cut openings for shower arm, valve/s and tub spout. Fasten shower drain fitting at this time.
4. If using casting plaster, mix 3 gallon bucket. Place 3 or 4 mounds starting near drain approximately twice as high as the cavity under the unit.
5. Place unit into alcove — use care not to crack or break lower corners when pushing or walking unit into alcove.
NOTE: If shower drain fitting does not nest with drain pipe, tilt unit forward while adjusting drain pipe.
Be sure unit's weight does not rest on drain pipe.
6. Level unit for proper drainage. Use a 3' (915) long level on top of dam and on front face. Shim where necessary to assure level unit, or depress grout mounds until level.
7. Install soffit header above unit as shown in Fig. 1.
8. Using holes provided, screw [do not nail] unit to framing. For wood framework, use #8 x 1 1/2" (40) flathead wood screws. For metal framework, use #8 x 1 1/2" (40) sheet metal screws. Start at holes at lower left and right, proceeding upward alternately on each side and across the top. Drive screws snugly but do not overtighten. **CAUTION:** Do not nail into face of mounting flange. Do not strike flange with any tool. Striking unit may cause irreparable damage.
9. Make final connections to supply lines and waste pipe in accordance with plumbing code requirements. Strap water lines and valve/s to studs.
10. Finish front of the unit with drywall, as shown [Fig. 4].



D. CLEAN-UP

1. **DO NOT REMOVE WARRANTY LABEL!** Leave on the unit for owner or occupant. [Code Requirement]
2. Use sponge with warm water and a liquid non-abrasive detergent. **DO NOT USE** scouring pads, steel wool, metal scrapers, sand paper or anything else that might scratch, mar, or dull the finish. Plaster, latex paint, or other foreign materials may be removed with water, liquid detergent, and plastic scraper. **CAUTION: DO NOT USE heat or solvent based cleaning fluids.**
3. Dull areas and light scratches may be removed by buffing with a light colored automotive rubbing compound and soft cloth. Entire unit can be waxed with light colored automotive wax. **DO NOT WAX BOTTOM OF UNIT.**
4. **PREVENT STAINING.** Remove all debris before leak testing for plumbing inspection. **Drain** and **wipe** clean immediately after testing and inspection.



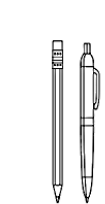
*Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda*

PREPARATION / PRÉPARATION / PREPARACIÓN

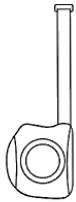


Approximate Installation Time: 60 minutes
Temps d'installation approximatif : 60 minutes
Tiempo aproximado de instalación: 60 minutos

TOOLS / OUTILS / HERRAMIENTAS



Pencil or
Felt Tip Pen
Crayon ou feutre
Lápiz o marcador



Measuring
Tape
Ruban à mesurer
Cinta métrica



Phillips
Screw Driver
Tournevis cruciforme
Destornillador
Phillips



Flathead
Screw Driver
Tournevis à tête plate
Destornillador cabeza
plana



Cutting
Pliers
Pince coupante
Alicates de corte



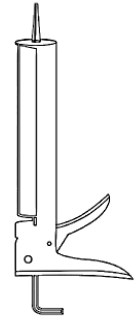
Rubber
Mallet
Maillet en
caoutchouc
Mazo de goma



Hacksaw or
Miter/Chop Saw
Scie à métaux
Sierra para metal



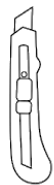
Level
Niveau
Nivel



100% Clear Silicone
& Caulking Gun
100% silicone transparent et
pistolet à calfeutrer
100 % silicona transparente y
pistola de calafateo.



Electric Drill
Perceuse électrique
Taladro eléctrico



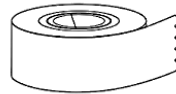
Box Cutter
Couteau à lame
rétractable
Cuchillo multiuso



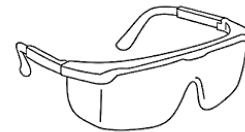
#2 Phillips Bit
Foret cruciforme #2
Broca phillips #2



7/64" + 1/8" + 3/16"
Metal Drill Bits
Forets à métaux
Brocas para metales



Masking
Tape
Ruban de masquage
Cinta de enmascarar



Safety
Glasses
Lunettes de protection
Lentes de seguridad

Preparations

- This model is reversible for Left-hand or Right-hand door swing.
- The Left-hand door swing installation will be shown as an example throughout this manual.
- All drawings in this manual are for illustrative purposes only and are not drawn to scale.
- Remove the protective film from the extrusions prior to installation.
- Inspect that all installation surfaces are clean and free of debris prior to installation.
- Do not install the handle onto the door glass until instructed. Do not attempt to lift the door glass by the handle!






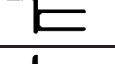





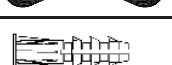

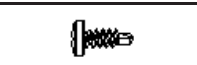






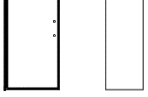
Les préparatifs

- Ce modèle est réversible pour ouverture de porte à gauche ou à droite.
- L'installation d'ouverture de porte à gauche sera illustrée à titre d'exemple tout au long de ce manuel.
- Tous les dessins de ce manuel sont fournis à titre indicatif uniquement et ne sont pas à l'échelle.
- Retirez le film protecteur des extrusions avant l'installation.
- Vérifiez que toutes les surfaces d'installation sont propres et exemptes de débris avant l'installation.
- N'installez pas la poignée sur la vitre de la porte avant d'en avoir reçu les instructions. N'essayez pas de soulever la porte vitrée par la poignée !

Preparativos

- Este modelo es reversible para abrir puertas a la izquierda o a la derecha.
- La instalación de puerta batiente izquierda se mostrará como ejemplo a lo largo de este manual.
- Todos los dibujos en este manual son solo para fines ilustrativos y no están dibujados a escala.
- Retire la película protectora de las extrusiones antes de la instalación.
- Inspeccione que todas las superficies de instalación estén limpias y libres de residuos antes de la instalación.
- No instale la manija en el vidrio de la puerta hasta que se le indique. ¡No intente levantar el vidrio de la puerta por la manija!

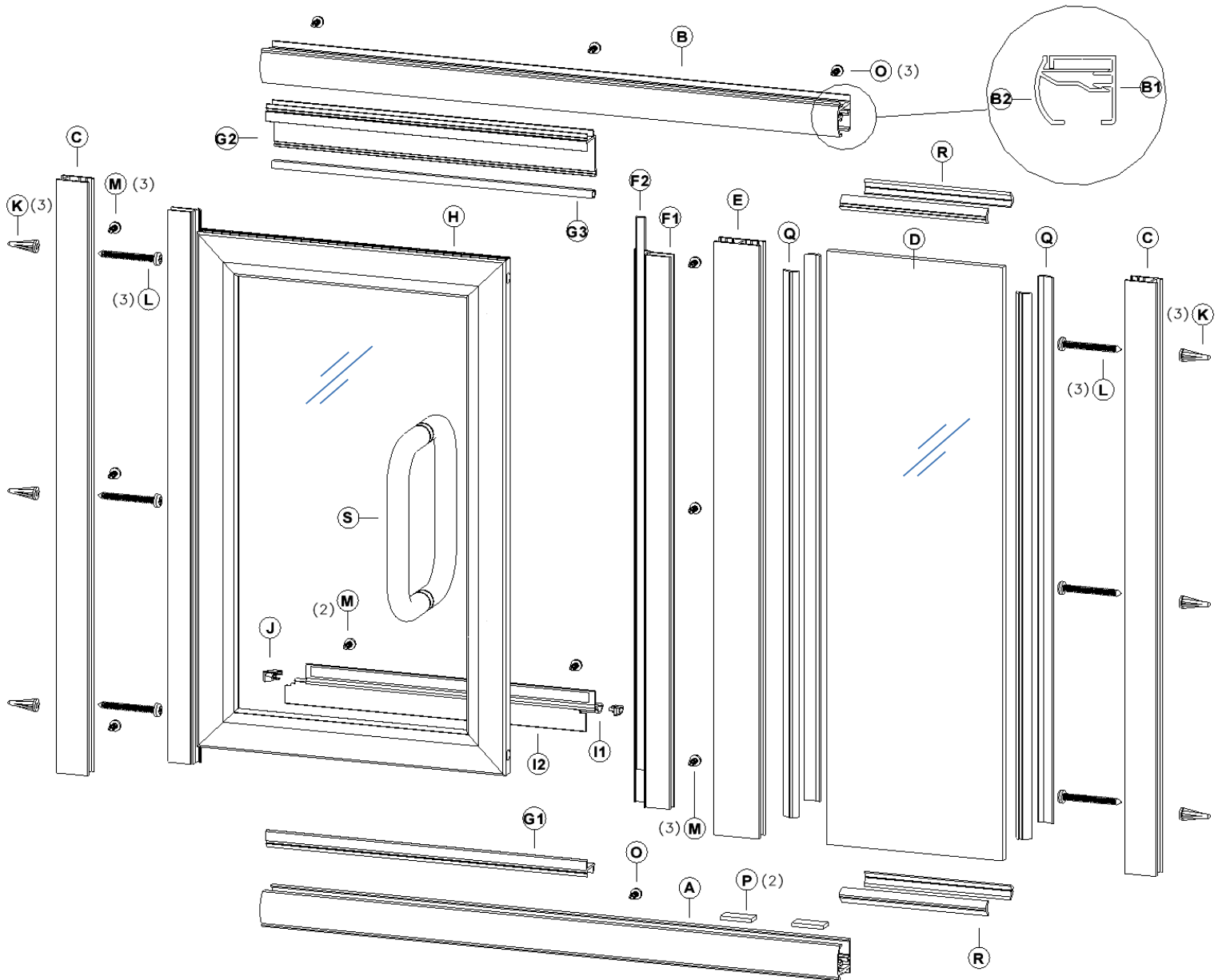
PARTS LIST / LISTE DES PIÈCES / LISTA DE PARTES

ITEM	PART / PIÈCE / PIEZA	DESCRIPTION / DESCRIPCIÓN	QTY / QTÉ / CANT.
A		Sill w/ Double-Sided Foam Tape / Seuil avec ruban mousse double face / Umbral con cinta de espuma de doble cara	1
B1		Inside 2-pc Header w/ Double-Sided Tape / Rail intérieur 2 pièces avec ruban adhésif double face / Riel interior de 2 piezas con cinta de doble cara	1
B2		Outside 2-pc Header Snap Cover / Couvercle extérieur à enclenchement pour rail en 2 pièces / Cubierta exterior a presión para riel de 2 piezas	1
C		Wall Jamb / Montant mural / Montante mural	2
E		Inline Post / Poteau en ligne / Poste en línea	1
F1/F2		Strike Post (F1) w/ pre-installed Magnetic Strip (F2) / Montant mural (F1) avec bande magnétique préinstallée (F2) / Montante mural (F1) con banda magnética preinstalada (F2)	1
G1		Dam Sill / Seuil de barrage / Umbral de presa	1
G2		Header Steam Seal / Joint de rail pour vapeur / Sello de riel para vapor	1
G3		Steam Seal Vinyl / Vinyle d'étanchéité pour vapeur / Vinilo para sellado de vapor	1
I1		Drip Rail w/ Double-Sided Tape / Rail d'égouttement avec ruban adhésif double face / Riel de goteo con cinta de doble cara	1
I2		Clear Vinyl Sweep / Balayage en vinyle transparent / Barrido de vinilo transparente	1
J		Drip Rail Plug (Left/Right Set) / Bouchon de rail d'égouttement (jeu gauche/droit) / Tapón de riel de goteo (juego izquierdo/derecho)	1
K		Plastic Wall anchor / Ancrage mural / Anclaje mural	6
L		Installation Screw (#6 Pan Head - #8 x 1-1/4") / Vis d'installation à tête cylindrique (#6 Pan Head - #8 x 1-1/4") / Tornillo de instalación (Cabeza troncocónica n.º 6 - n.º 8 x 1-1/4")	6
M		Hinge / Strike / Drip Rail Adjustment Screw (#6 x 3/8" Drilling) / Charnière / Gâche / Vis de réglage du rail d'égouttement (perçage n.º 6 x 3/8") / Bisagra / golpe / tornillo de ajuste del riel de goteo (perforación n.º 6 x 3/8")	8
O		Header / Sill Screw (#6 x 3/8" Truss Head) / Vis de rail / de seuil (tête bombée n.º 6 x 3/8") / Tornillo de riel / umbral (cabeza segmentada n.º 6 x 3/8")	4
P		Setting Block / Bloc de réglage / Bloque de ajuste	2
Q		Vertical Push-in Vinyl / Vinyle enfichable vertical / Vinilo de inserción vertical	1 strip of 4pcs
R		Horizontal Push-in Vinyl / Vinyle enfichable horizontal / Vinilo de inserción horizontal	1 strip of 2pcs
S		8" Back-to-Back C-Pull Handle / Poignée en C dos à dos de 8 po / Tirador en C espalda con espalda de 8"	1
H		Framed Door Assembly / Assemblage de porte encadrée / Ensamble de la puerta enmarcada	1
D		Stationary Glass Panel / Panneau de verre fixe / Panel fijo de vidrio	1

Compare the contents of your box (es) with the above parts list. / Comparez le contenu de votre/vos boîte(s) avec la liste des pièces ci-dessus. / Compare el contenido de su(s) caja(s) con la lista de piezas anterior.

If any part is missing or damaged, do not attempt to install the product. / Si une pièce est manquante ou endommagée, n'essayez pas d'installer le produit. / Si falta alguna pieza o está dañada, no intente instalar el producto.

PARTS DIAGRAM / SCHÉMA DES PIÈCES / DIAGRAMA DE PARTES



Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 1

POSITION SILL AT CENTER OF SHOWER CURB / POSITIONNER LE SEUIL AU CENTRE DU BORDURE DE DOUCHE

1. Position the pre-cut **Sill (A)** onto the threshold per the diagram and dimensions shown below. (**Fig 1a/1b**)

2. Remove the paper backing from the pre-installed double-face tape and firmly attach the **Sill (A)** to the threshold. (**Fig 1c**)

NOTE: The installation area must be clean and free of debris prior to installation.

1. Positionnez le seuil prédécoupé (A) sur le seuil selon le schéma et les dimensions indiqués ci-dessous. (Fig. 1a/1b)

2. Retirez le support en papier du ruban adhésif double face préinstallé et fixez fermement le seuil (A) au seuil. (Figure 1c)

REMARQUE : La zone d'installation doit être propre et exempte de débris avant l'installation.

1. Coloque el Umbral precortado (A) en el umbral según el diagrama y las dimensiones que se muestran a continuación. (figura 1a/1b)

2. Retire el respaldo de papel de la cinta de doble cara preinstalada y fije firmemente el umbral (A) al umbral. (Figura 1c)

NOTA: El área de instalación debe estar limpia y libre de residuos antes de la instalación.

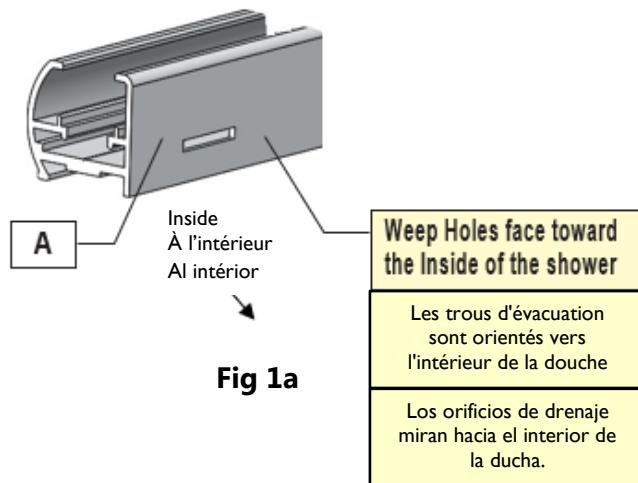


Fig 1a

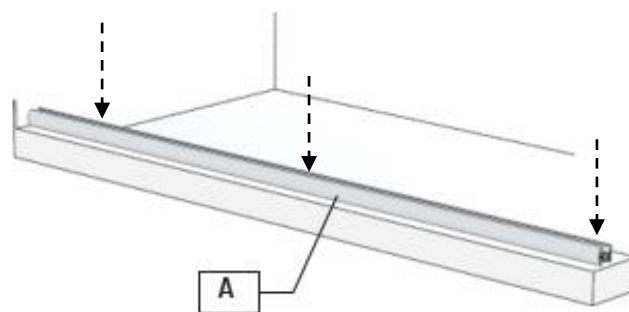


Fig 1c

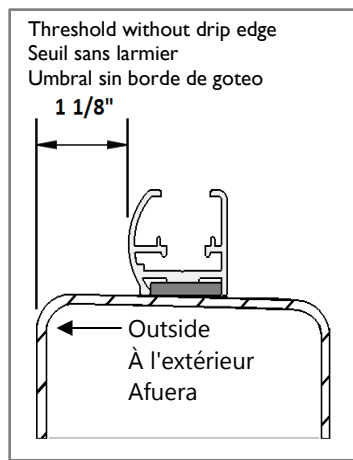
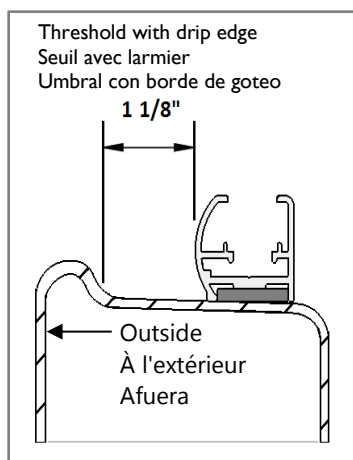


Fig 1b

STEP/ÉTAPE/ETAPA 2 INSTALL WALL JAMBS AGAINST SHOWER WALLS

1. Place the **Wall Jambs (C)** into the **Sill (A)** and against the shower walls. Use a level to hold plumb and mark the position on the wall for reference. **(Fig 2a)**

2. Mark the 3-hole locations on both walls through the pre-drilled holes in the **Wall Jambs (C)**. **(Fig 2b)**

1. Drill six $\varnothing 1/8"$ pilot holes $\sim 1"$ deep into the wood.
2. Secure both **Wall Jambs (C)** to the walls with the **#8 x 1-1/4" PH Installation Screws (L)**.

1. Placez les **montants de mur (C)** dans le **seuil (A)** et contre les murs de la douche. Utilisez un niveau pour tenir d'aplomb et marquez la position sur le mur pour référence. **(Fig 2a)**

2. Marquez les emplacements des 3 trous sur les deux murs à travers les trous pré-perçés dans les **montants de mur (C)**. **(Fig 2b)**

1. Percez six avant-trous $\varnothing 1/8"$ $\sim 1"$ de profondeur dans le bois.
2. Fixez les deux **montants de mur (C)** aux murs avec les **Vis d'installation #8 x 1-1/4" PH (L)**.

1. Coloque las **jambas de pared (C)** en el **umbral (A)** y contra las paredes de la ducha. Use un nivel para mantener la plomada y marque la posición en la pared como referencia. **(Figura 2a)**

2. Marque las ubicaciones de los 3 orificios en ambas paredes a través de los orificios pretaladrados en las **jambas de pared (C)**. **(Figura 2b)**

1. Taladre seis orificios guía de $\varnothing 1/8"$ $\sim 1"$ de profundidad en la madera.
2. Fije ambas **jambas murales (C)** a las paredes con los **Tornillos de instalación PH #8 x 1-1/4" (L)**.

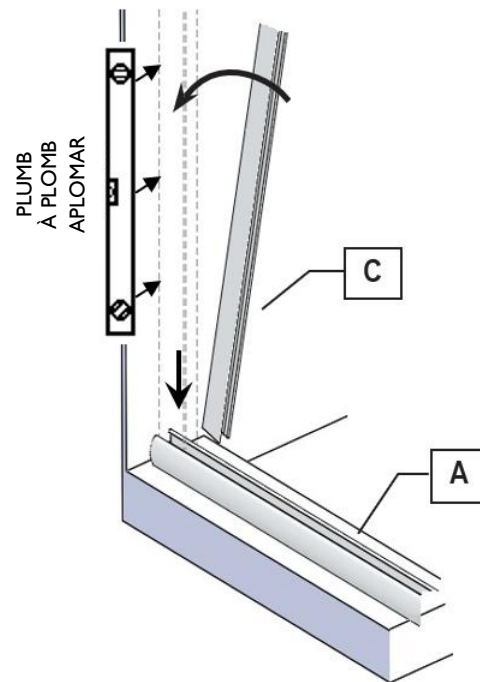


Fig 2a

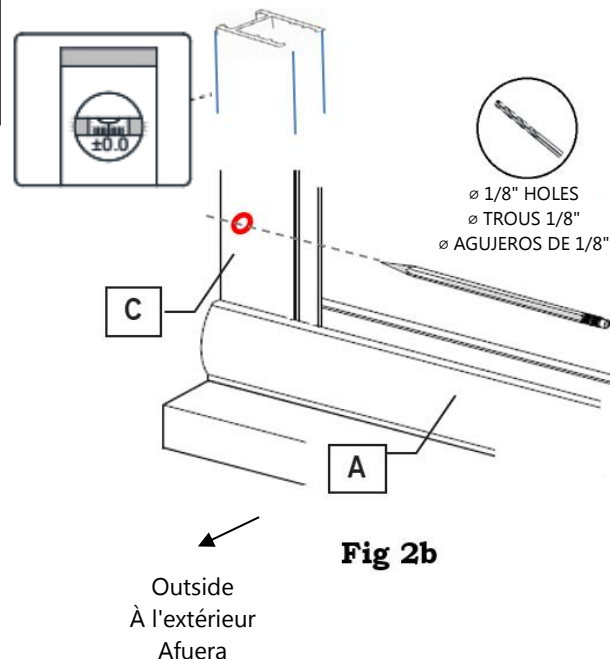


Fig 2b

NOTE: The **Wall Anchors (K)** will not be necessary when screwing into wood reinforcement behind the acrylic walls.

REMARQUE : Les **ancrages muraux (K)** ne seront pas nécessaires lors du vissage dans l'armature en bois derrière les murs en acrylique.

NOTA: Los **anclajes de pared (K)** no serán necesarios cuando se atornille el refuerzo de madera detrás de las paredes de acrílico.

STEP/ÉTAPE/ETAPA 3 IDENTIFY OPENING of DOOR / IDENTIFIER L'OUVERTURE DE LA PORTE / IDENTIFICAR LA APERTURA de la PUERTA

1. Determine the proper opening for the door. The installation of a Left-hand door opening will be used as an example throughout this manual. **(Fig 3)**

1. Déterminez l'ouverture appropriée pour la porte. L'installation d'une ouverture de porte à gauche sera utilisée comme exemple tout au long de ce manuel. **(Fig3)**

1. Determinar la apertura correcta de la puerta. La instalación de una apertura de puerta hacia la izquierda se usará como ejemplo a lo largo de este manual. **(Fig. 3)**

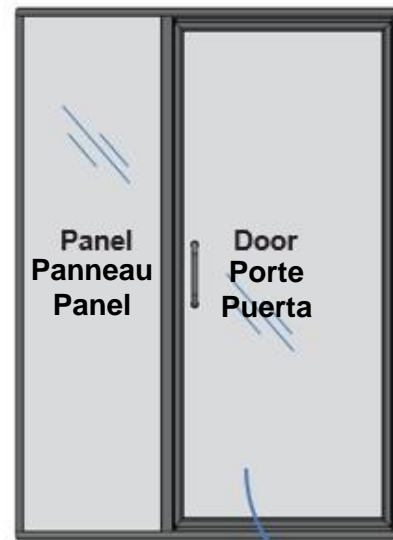
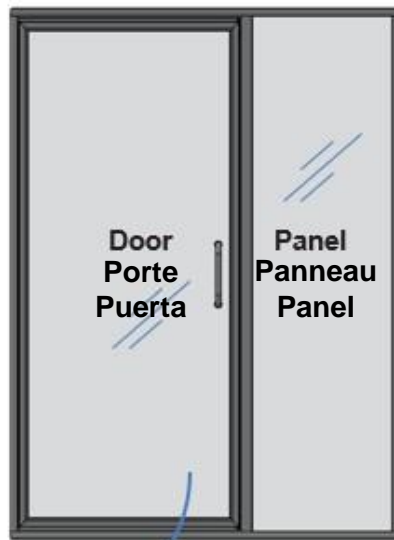


Fig 3

LEFT swing door
Porte battante à GAUCHE
Puerta batiente IZQUIERDA

(shown as an example throughout this manual)

(Shown as an example throughout this manual)
(Montré à titre d'exemple tout au long de ce manuel)
(Se muestra como un ejemplo a lo largo de este manual)

RIGHT swing door
Porte battante à DROITE
Puerta batiente DERECHA

(as viewed from the outside)
(vu de l'extérieur)
(visto desde fuera)

STEP/ÉTAPE/ETAPA 4 INSTALL STATIONARY GLASS PANEL / INSTALLER LE PANNEAU DE VERRE STATIONNAIRE / INSTALE EL PANEL DE VIDRIO FIJO

1. Place **Setting Blocks (P)** inside the **Sill (A)**, one at the **Wall Jamb (C)** and the other located at the other end of the **Stationary Glass (D)**. (Fig 4a/4b)

2. Carefully set the **Stationary Glass (D)** down onto the **Setting Blocks (P)** and then slide it into the **Wall Jamb (C)**. (Fig 4b)

1. Placez les **blocs de réglage (P)** à l'intérieur du **seuil (A)**, l'un au **montant du mur (C)** et l'autre situé à l'autre extrémité du **panneau de verre fixe (D)**. (Fig. 4a/4b)

2. Déposez soigneusement le **panneau de verre fixe (D)** sur les **blocs de réglage (P)**, puis glissez-la dans le **montant de mur (C)**. (Fig. 4b)

1. Coloque los **bloques de ajuste (P)** dentro del **umbral (A)**, uno en la **jamba mural (C)** y el otro ubicado en el otro extremo del **vidrio estacionario (D)**. (figura 4a/4b)

2. Coloque con cuidado el **panel fijo de vidrio (D)** sobre los **bloques de ajuste (P)** y luego deslícelo dentro del **montante mural (C)**. (Figura 4b)

TIP: Use painter's tape to temporarily hold the Panel Glass in place until the Push-in Vinyl can be installed.

CONSEIL : Utilisez du ruban adhésif pour peintre pour maintenir temporairement le panneau vitré en place jusqu'à ce que le vinyle à emboîter puisse être installé.

CONSEJO: Use cinta de carroceros para sujetar temporalmente el panel de vidrio en su lugar hasta que se pueda instalar el vinilo a presión.

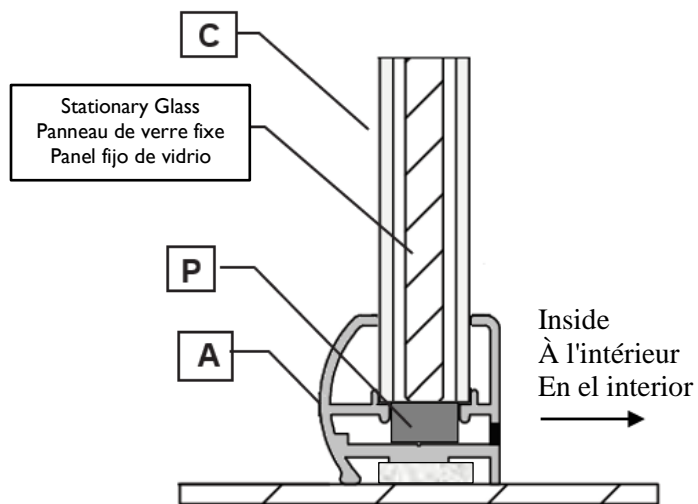


Fig 4a

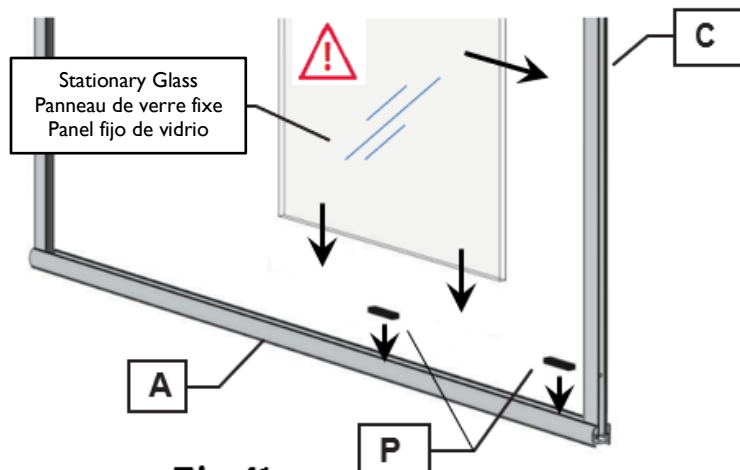


Fig 4b



USE CAUTION WHEN HANDLING AND INSTALLING THE STATIONARY PANEL GLASS!



SOYEZ PRUDENT LORS DE LA MANIPULATION ET DE L'INSTALLATION DU PANNEAU DE VERRE FIXE !



¡TENGA PRECAUCIÓN AL MANIPULAR E INSTALAR EL VIDRIO DEL PANEL FIJO!

STEP/ÉTAPE/ETAPA 5
POSTE EN LÍNEA

INSTALL INLINE POST / INSTALLER LE POTEAU EN LIGNE / INSTALE EL

1. Set the **InLine Post (E)** into the **Sill (A)** and slide the side with the smaller cavity onto the edge of the **Stationary Glass (D)**. (Fig 5a/5b)



NOTE: The **InLine Post (E)** must be installed correctly with the large cavity toward the Door side and the smaller cavity toward the Panel Glass.

1. Placez le **poteau en ligne (E)** dans le **seuil (A)** et faites glisser le côté avec la plus petite cavité sur le bord du **panneau de verre fixe (D)**. (Fig. 5a/5b)



REMARQUE : Le **montant en ligne (E)** doit être installé correctement avec la grande cavité vers le côté de la porte et la plus petite cavité vers le panneau vitré.

1. Coloque el **poste en línea (E)** en el **alféizar (A)** y deslice el lado con la cavidad más pequeña hacia el borde del **panel de vidrio fijo (D)**. (figura 5a/5b)



NOTA: El **poste en línea (E)** debe instalarse correctamente con la cavidad grande hacia el lado de la puerta y la cavidad más pequeña hacia el panel de vidrio.

TIP: Use several pieces of painter's tape to temporarily hold the InLine Post to the Stationary panel glass during the next few steps until the Push-in Vinyl can be installed.

CONSEIL : Utilisez plusieurs morceaux de ruban adhésif pour peintre pour maintenir temporairement le poteau en ligne sur le panneau de verre fixe au cours des prochaines étapes jusqu'à ce que le vinyle à enfoncer puisse être installé.

CONSEJO: Use varios pedazos de cinta de pintor para sujetar temporalmente el poste en línea al vidrio del panel estacionario durante los próximos pasos hasta que se pueda instalar el vinilo a presión.

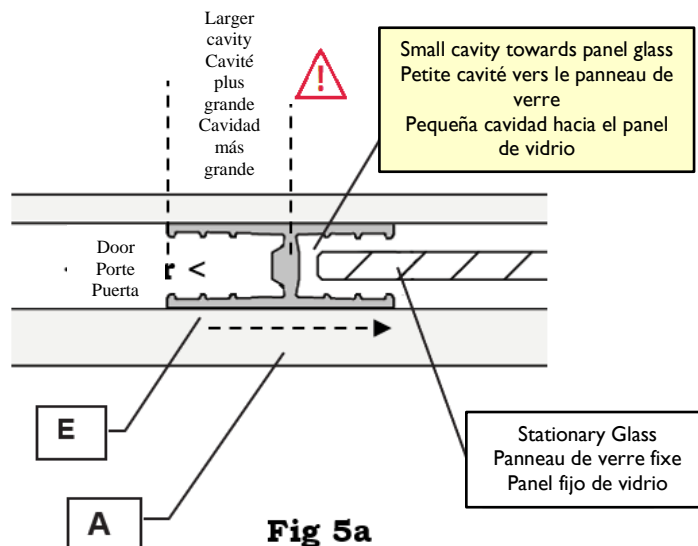


Fig 5a

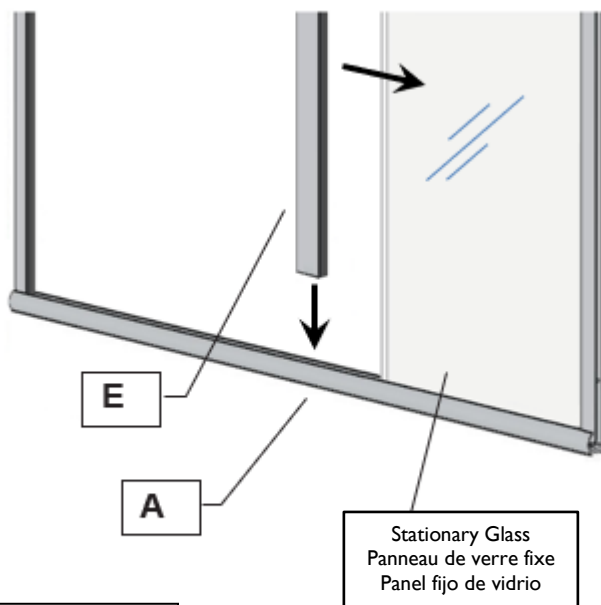


Fig 5b

Left-Hand Swing door installation shown

Installation de porte battante à gauche illustrée

Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 6 INSTALL SNAP HEADERS

1. Remove the tape backing from the **Inside Snap Header (B1)**.
2. Position the **Inside Snap Header (B1)** over the **Wall Jambs (C)** from the inside of the shower.
3. Snap the **Outside Snap Header (B2)** into the **Inside Header (B1)**. (Fig 6a)
4. Push the **2pc Header Assembly (B1 / B2)** firmly up to tape it to the ceiling of the enclosure.
5. Drill $\varnothing 1/8"$ pilot holes through the interior of the **2pc Header Assembly (b1 / B2)** at 2" from **Wall Jamb (C)** and **Inline Post (E)**. Drill the holes $23/32"$ (0.719) from the back of the **Inside Header (B1)**, just inside the **Outside Snap Header (B2)**. (Fig 6b/6c)
6. Secure the **Outside Snap Header (B2)** to the **Inside Header (B1)** with two **#8 x 3/4" PHPT Header Snap Cover Screws (T)**. (Fig. 6b/6c)

1. Retirez la bande adhésive du **rail intérieur 2 pièces (B1)**.
2. Positionnez le **rail intérieur (B1)** sur les **montants muraux (C)** depuis l'intérieur de la douche.
3. Enclenchez le **couvercle à encliquetage extérieur (B2)** dans le **rail intérieur (B1)**. (Fig. 6a)
4. Poussez fermement l'**ensemble de rail 2 pc (B1 / B2)** pour le coller au plafond de la niche.
5. Percez des avant-trous de $\varnothing 1/8$ po à travers l'intérieur de l'**assemblage de linteau 2pc (b1 / B2)** à 2 po du **montant de mur (C)** et du **poteau en ligne (E)**. Percez les trous à $23/32$ po (0,719) de l'arrière du rail intérieur (B1), juste à l'intérieur du **couvercle extérieur à déclic (B2)**. (Fig. 6b/6c)
6. Fixez le **couvercle à encliquetage extérieur (B2)** au **rail intérieur (B1)** avec deux **vis de couvercle à enclenchement du rail PHPT n° 8 x 3/4 po (T)**. (Fig. 6b/6c)

1. Quite la cinta protectora del **riel de presión interior (B1)**.
2. Coloque el **riel de presión interior (B1)** sobre los **montantes murales (C)** desde el interior de la ducha.
3. Encaje la **cubierta de ajuste exterior (B2)** en el **riel interior (B1)**. (Figura 6a)
4. Empuje el **conjunto de riel de 2 piezas (B1 / B2)** firmemente hacia arriba para pegarlo al techo del nicho.
5. Taladre orificios piloto de $\varnothing 1/8"$ a través del interior del **conjunto de riel de 2 piezas (b1 / B2)** a 2" del **montante mural (C)** y el **poste en línea (E)**. Taladre los orificios a $23/32"$ (0,719) desde la parte posterior del riel interior (B1), justo dentro del **riel de presión exterior (B2)**. (figura 6b/6c)
6. Fije el **riel exterior a presión (B2)** al **riel interior (B1)** con dos **tornillos PHPT de cubierta a presión del riel #8 x 3/4" (T)**. (Figura 6b/6c)

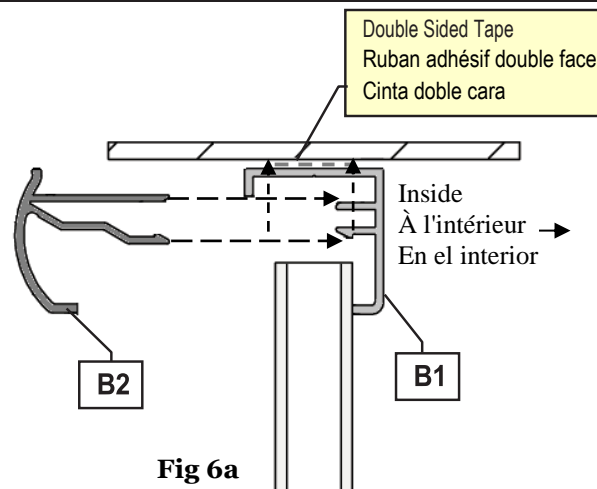


Fig 6a

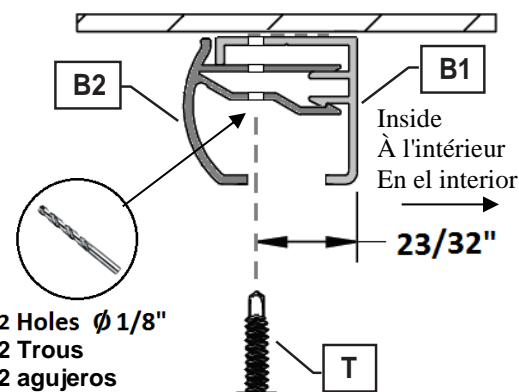


Fig 6b

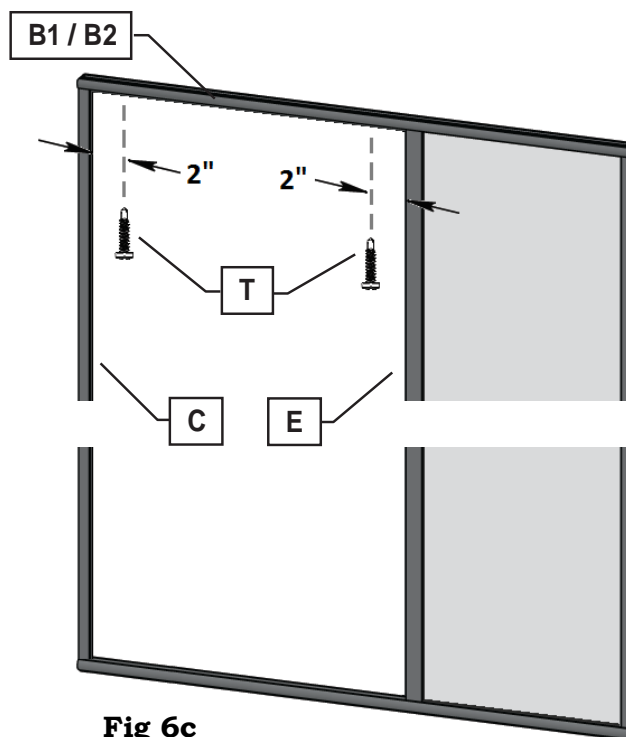


Fig 6c

Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 7 ATTACH 2PC HEADER TO THE WALL JAMBS / FIXEZ LE RAIL 2PC AUX JAMBAGES MURAUX / FIJE EL CABEZAL DE 2 PIEZAS A LAS JAMBAS DE PARED

1. Drill $\varnothing 7/64$ " pilot holes through the back of the **Inside Snap Header (B1)** into the **Wall Jambs (C)** at $3/8$ " from each wall. Locate the holes $1/4$ " up from the edge of the Header. (**Fig 7a**)

⚠ IMPORTANT: DO NOT drill into the Stationary Panel Glass! Temporarily slide the Stationary Panel Glass aside as necessary while drilling to prevent damage.

2. Secure the **Inside Header (B1)** to the **Wall Jambs (C)** with the **#6 x 3/8" TH Header/Sill Screws (O)**. (**Fig 7b**)

1. Percez des avant-trous de $\varnothing 7/64$ po à l'arrière du rail à enclenchement intérieur (B1) dans les montants muraux (C) à $3/8$ po de chaque mur. Localisez les trous à $1/4$ po du bord du linteau. (**Fig 7a**)

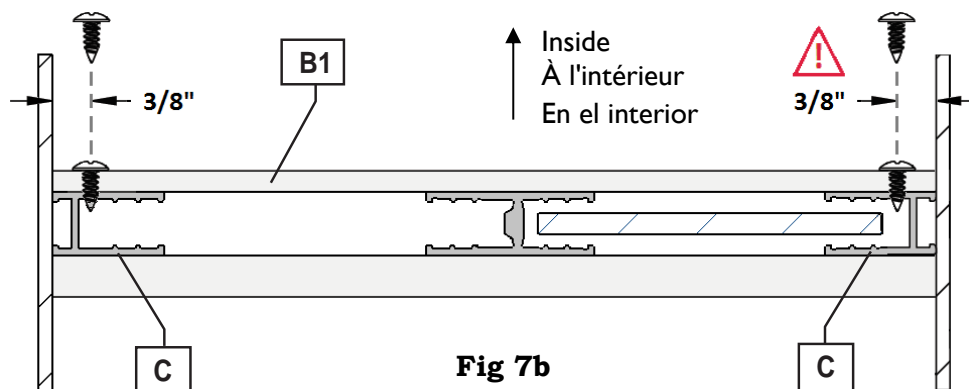
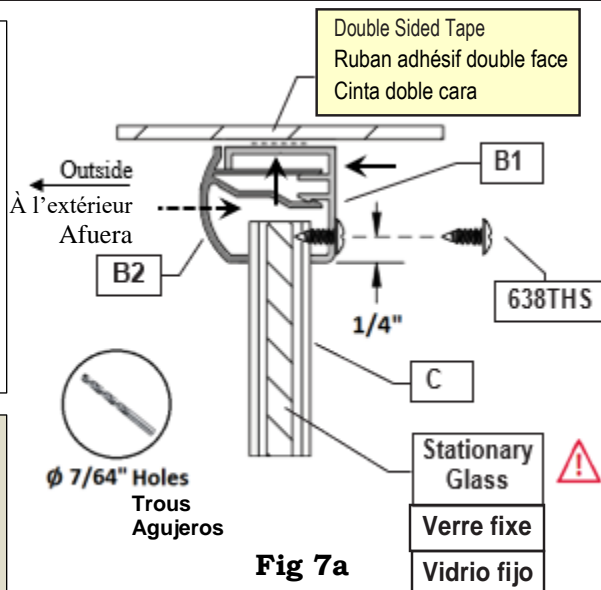
⚠ IMPORTANT : NE PAS percer dans le panneau de verre fixe ! Faites glisser temporairement le panneau vitré fixe sur le côté si nécessaire pendant le perçage pour éviter tout dommage.

2. Fixez le rail intérieur (B1) aux montants de mur (C) avec les vis de rail/seuil TH n° 6 x $3/8$ po (O). (**Fig. 7b**)

1. Taladre orificios piloto de $\varnothing 7/64$ " a través de la parte posterior del riel de presión interior (B1) en los montantes murales (C) a $3/8$ " de cada pared. Ubique los orificios $1/4$ " hacia arriba desde el borde del dintel. (**Figura 7a**)

⚠ IMPORTANTE: ¡NO perforo el vidrio del panel fijo! Deslice temporalmente el vidrio del panel fijo a un lado según sea necesario mientras perfora para evitar daños.

2. Asegure el dintel interior (B1) a los montantes murales (C) con los tornillos de riel/umbral TH #6 x $3/8$ " (O). (**Figura 7b**)



STEP/ÉTAPE/ETAPA 8

INSTALL DAM SILL AND HEADER COVER / INSTALLER LE SEUIL DE BARRAGE ET LE
COUVERCLE DU RAIL / INSTALAR LA CUBIERTA DEL UMBRAL Y DEL RIEL

1. The **Header Steam Seal (G2)** is sent 2" longer than required with a notch at both ends. Cut the **Header Steam Seal (G2)** to the same length as the bottom **Dam Sill (G1)**. Cut from the pivot-side only based on the handing of the door. **(Fig 8a)**

(The 9/16" notched end of the flange must be installed toward the strike-side of the opening.)

2. Slide the **Steam Seal Vinyl (G3)** into the **Header Steam Seal (G2)** and trim off the excess.

3. Snap the **Header Steam Seal (G2)** into the **2pc Header Assembly (B1 / B2)** with the flange toward the inside of the shower. *

4. Snap the **Dam Sill (G1)** into the **Sill (A)** with the lip toward the outside of the shower. * **(Fig 8b/8c)**

***TIP:** Crimp the snap legs of the Header Steam Seal and Dam Sill prior to installing them into the 2pc Header Assembly and Sill.

1. Le **joint de rail pour vapeur (G2)** est envoyé 2" plus long que nécessaire avec une encoche aux deux extrémités. Coupez le **joint de rail pour vapeur (G2)** à la même longueur que le **seuil du barrage (G1)**. Couper du côté pivot uniquement en fonction du sens de la porte. (Fig. 8a) (L'extrémité à encoche de 9/16 po de la bride doit être installée vers le côté gâche de l'ouverture.)

2. Glisser le **joint en vinyle pour vapeur (G3)** dans le **joint de rail pour vapeur (G2)** et couper l'excédent.

3. Enclenchez le **joint de rail pour vapeur (G2)** dans l'**ensemble de collecteur 2pc (B1 / B2)** avec la bride vers l'intérieur de la douche. *

4. Enclenchez le **seuil du barrage (G1)** dans le **seuil (A)** avec la lèvre vers l'extérieur de la douche. * **(Fig. 8b/8c)**

***CONSEIL :** Insérer en angle les pattes à pression du joint de vapeur du collecteur et du seuil du barrage avant de les installer dans l'assemblage du collecteur et du seuil en 2 pièces.

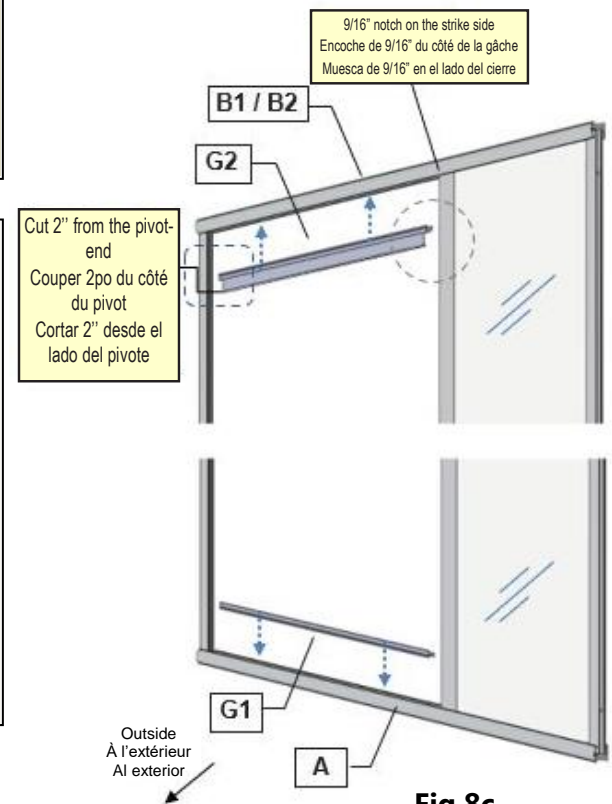
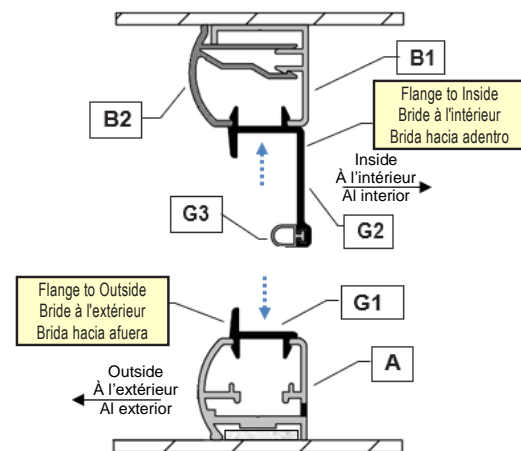
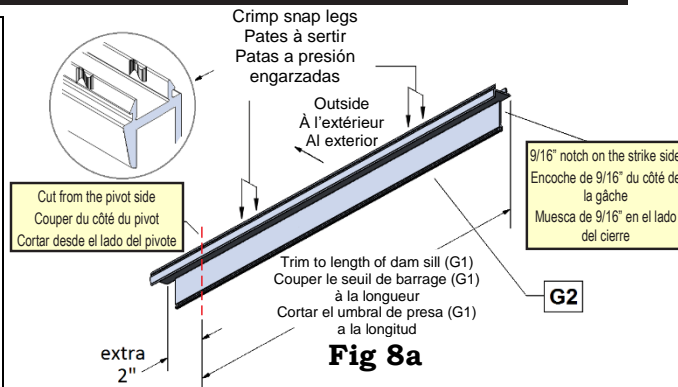
1. El **sello de vapor del riel (G2)** se envía 2" más largo de lo requerido con una muesca en ambos extremos. Corte el **sello de vapor del riel (G2)** a la misma longitud que el **umbral inferior de la presa (G1)**. (Figura 8a) (El extremo con muescas de 9/16" de la brida debe instalarse hacia el lado de contacto de la abertura).

2. Deslice el **vinilo del sello de vapor (G3)** en el **sello de vapor del riel (G2)** y recorte el exceso.

3. Encaje el **sello de vapor del riel (G2)** en el **ensamblaje del cabezal de 2 piezas (B1 / B2)** con la brida hacia el interior de la ducha. *

4. Encaje el **umbral de presa (G1)** en el **umbral (A)** con el borde hacia el exterior de la ducha. * **(figura 8b/8c)**

***CONSEJO:** engarce las patas a presión del sello de vapor del riel y el umbral de la presa antes de instalarlos en el conjunto del riel y el umbral de 2 piezas.



Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 9

SECURE THE INLINE POST / SÉCURISEZ LE POTEAU EN LIGNE / ASEGURE EL POSTE EN LÍNEA

1. Push the **Inline Post (E)** tight against the **Dam Sill (G1)** and **Header Steam Seal (G2)**. The door opening must measure 3/8" larger than the Door's top and bottom Rails. (Fig 9a)

2. Locate screw holes 1/4" from the edge of the **Inside Header (B1)** and the **Sill (A)**. Drill $\varnothing 7/64$ " pilot holes through the back of the **Inside Header (B1)** and the **Sill (A)** into the **Inline Post (E)** at 3/8" from the strike side of the **Inline Post (E)**. (Fig 9b)

IMPORTANT:

DO NOT drill into the side of the Inline Post where the Stationary Glass is installed!

3. Secure the **Inline Post (E)** to the **Inside Header (B1)** and the **Sill (A)** with the **#6 x 3/8" TH Header/Sill Screws (O)**. (Fig 9c)

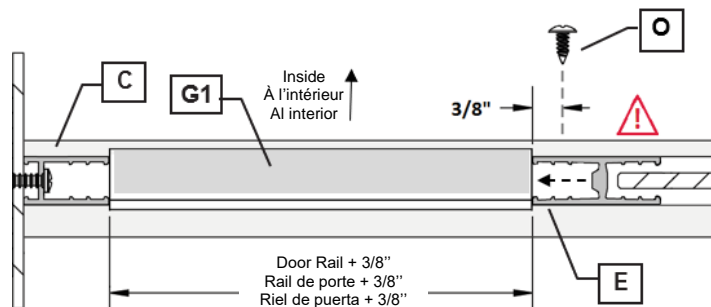


Fig 9a

1. Poussez fermement le **poteau en ligne (E)** contre le **seuil du barrage (G1)** et le **joint de vapeur du rail (G2)**. L'ouverture de la porte doit mesurer 3/8 po de plus que les rails supérieur et inférieur de la porte. (Fig. 9a)

2. Localisez les trous de vis à 1/4 po du bord du **rail intérieur (B1)** et du **seuil (A)**. Percez des avant-trous $\varnothing 7/64$ " à travers l'arrière du **rail intérieur (B1)** et du **seuil (A)** dans le **poteau en ligne (E)** à 3/8" du côté de la gâche du **poteau en ligne (E)**. (Fig. 9b)

IMPORTANT:

NE PAS percer dans le côté du poteau en ligne où le verre fixe est installé !

3. Fixez le **poteau en ligne (E)** au **rail intérieur (B1)** et au **seuil (A)** avec les **vis de rail/seuil TH n° 6 x 3/8 po (O)**. (Fig. 9c)

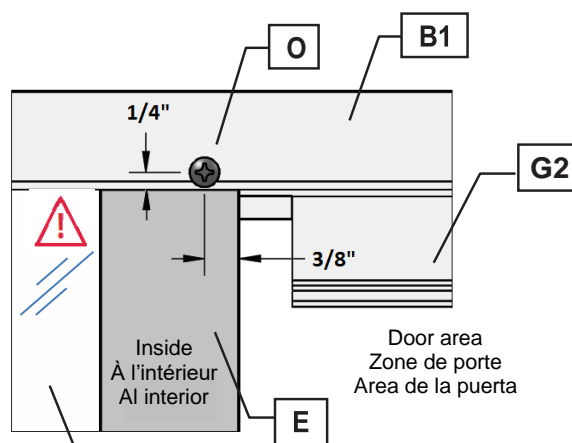


Fig 9b

1. Empuje el **poste en línea (E)** firmemente contra el **umbral de presa (G1)** y el **sello de vapor del riel (G2)**. La abertura de la puerta debe medir 3/8" más que los rieles superior e inferior de la puerta. (Figura 9a)

2. Ubique los orificios para tornillos a 1/4" del borde del **riel interior (B1)** y **umbral (A)**. Taladre orificios piloto de $\varnothing 7/64$ " a través de la parte posterior del **riel interior (B1)** y el **umbral (A)** en el **poste en línea (E)** a 3/8" del lado de impacto del **poste en línea (E)**. (Figura 9b)

IMPORTANTE:

¡NO perfore el costado del poste en línea donde está instalado el panel de vidrio fijo!

3. Asegure el **poste en línea (E)** al **riel interior (B1)** y al **umbral (A)** con los **tornillos de riel/umbral TH #6 x 3/8" (O)**. (Figura 9c)

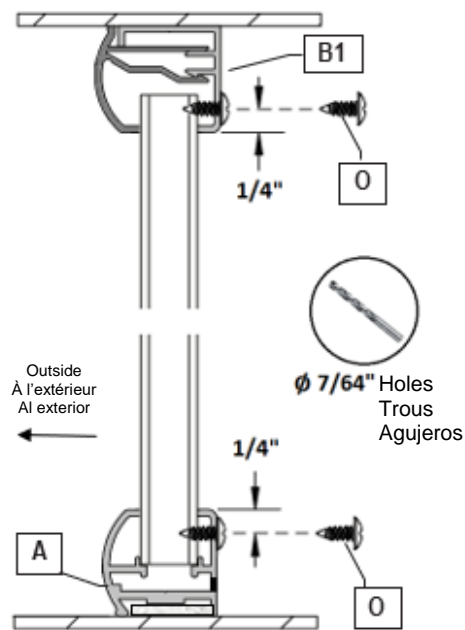


Fig 9c

Left-Hand Swing door installation shown

Installation de porte battante à gauche illustrée

Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 10 **INSTALL PUSH-IN VINYL AT FIXED PANEL / INSTALLER LE VINYLE PUSH-IN SUR LE PANNEAU FIXE / INSTALE EL VINO EMPUJABLE EN EL PANEL FIJO**

1. Measure the exposed **Stationary Panel Glass (D)** width at the top and bottom.
2. Separate and cut the two strips of the **Horizontal Push-In Vinyl (R)** into two pieces of each dimension previously measured. Push the vinyls into the space between the **Panel Glass (D)** and **Sill (A)** and between the **Panel Glass (D)** and the **2pc Header (B1 / B2)** from both the inside and outside of the enclosure. **(Fig 10a)**
3. Measure the exposed **Stationary Panel Glass (D)** height. Separate and cut four pieces of the **Vertical Push-In Vinyl (Q)** to length and push the Vinyls into the space between the **Panel Glass (D)** and **Wall Jamb (C)** and the **Panel Glass (D)** and **Inline Post (E)** on both sides. **(Fig 10b)**

TIP: Apply a small amount of soapy water to lubricate the Vinyls for easier installation.

1. Mesurez la largeur exposée du **panneau de verre fixe (D)** en haut et en bas.
2. Séparez et coupez les deux **bandes de Vinyle Horizontal enfichable (R)** en deux morceaux de chaque dimension précédemment mesurée. Poussez les vinyles dans l'espace entre le **panneau vitré (D)** et le **seuil (A)** et entre le **panneau vitré (D)** et le **rail 2pc (B1 / B2)** à la fois de l'intérieur et de l'extérieur de l'enceinte. **(Fig 10a)**
3. Mesurez la hauteur exposée du **panneau vitré fixe (D)**. Séparez et coupez quatre morceaux de **vinyle à enfoncer vertical (Q)** à la longueur et poussez les vinyles dans l'espace entre le **panneau de verre (D)** et le **montant de mur (C)** et le **panneau de verre (D)** et le **poteau en ligne (E)** sur les deux côtés. **(Fig. 10b)**

CONSEIL : Appliquez une petite quantité d'eau savonneuse pour lubrifier les vinyles pour une installation plus facile.

1. Mida el ancho expuesto del **panel fijo de vidrio (D)** en la parte superior e inferior.
2. Separe y corte las dos **tiras de Vinilo de inserción Horizontal (R)** en dos piezas de cada dimensión medida previamente. Empuje los vinilos en el espacio entre el **panel de vidrio (D)** y el **umbral (A)** y entre el **panel de vidrio (D)** y el **riel de 2 piezas (B1 / B2)** desde el interior y el exterior del recinto. **(Figura 10a)**
3. Mida la altura expuesta del vidrio del **panel fijo (D)**. Separe y corte cuatro piezas de **vinilo vertical a presión (Q)** a la medida y empuje los vinilos en el espacio entre el **panel de vidrio (D)** y el **montante de pared (C)** y el **panel de vidrio (D)** y el **poste en línea (E)** a ambos lados. **(Figura 10b)**

CONSEJO: aplique una pequeña cantidad de agua jabonosa para lubricar los vinilos y facilitar la instalación.

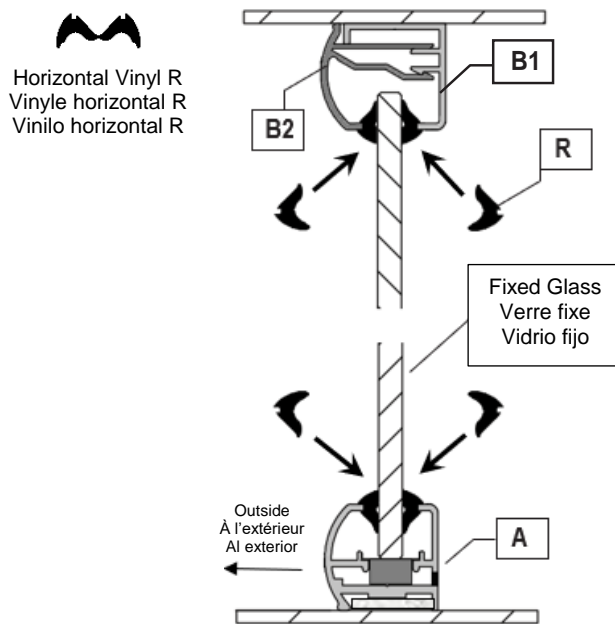


Fig 10a

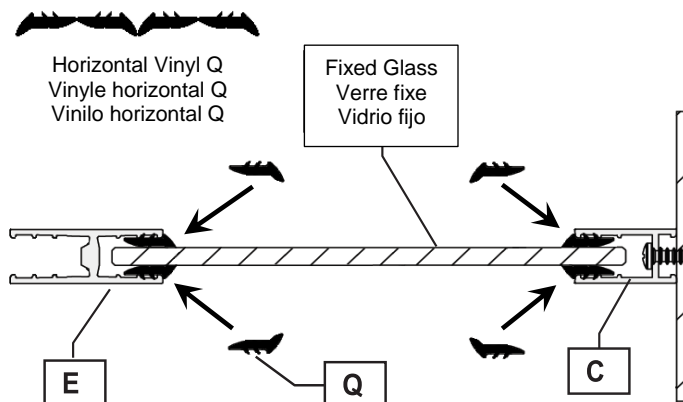


Fig 10b

*Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda*

STEP/ÉTAPE/ETAPA 11 INSERT STRIKE POST / INSÉRER LE MONTANT MURAL / INSERTAR EL MONTANTE MURAL

1. Confirm that the **Magnetic Strip (F2)** is installed into the **Strike Post (F1)** with the polarity ID groove in the proper orientation toward the two legs. Align the **Magnetic Strip (F2)** with the bottom of the **Strike Post (F1)** and trim the excess from the top. (**Fig 11a**)

2. Insert the **Strike Post (F1)** into the **Inline Post (E)** with the **Magnetic Strip (F2)** facing outward. (**Fig 11a/11b**)

TIP: Crimp the bottom of the Strike Post to prevent the Magnetic Strip from sliding out at the bottom.

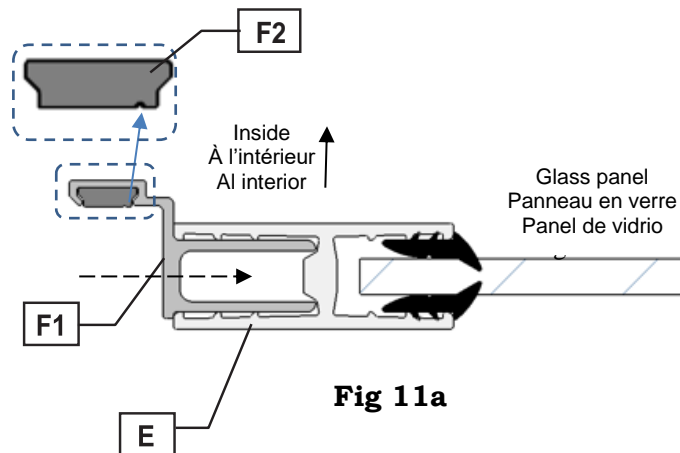


Fig 11a

1. Confirmez que la **bande magnétique (F2)** est installée dans le **montant mural (F1)** avec la rainure d'identification de polarité dans la bonne orientation vers les deux pattes. Alignez la **bande magnétique (F2)** avec le bas du **montant mural (F1)** et coupez l'excédent à partir du haut. (**Fig 11a**)

2. Insérez le **montant mural (F1)** dans le **poteau en ligne (E)** avec la **bande magnétique (F2)** tournée vers l'extérieur. (**Fig. 11a/11b**)

CONSEIL : Sertissez le bas du poteau de frappe pour empêcher la bande magnétique de glisser vers le bas.

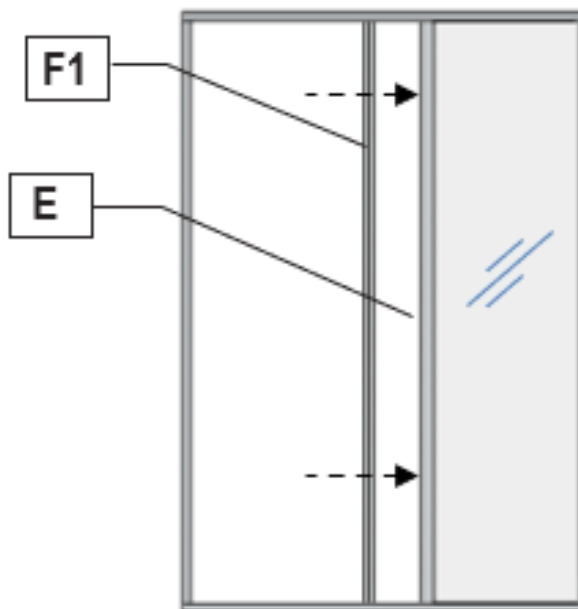


Fig 11b

1. Confirme que la **tira magnética (F2)** esté instalada en el **Montante mural de impacto (F1)** con la ranura de identificación de polaridad en la orientación correcta hacia las dos patas. Alinee la **tira magnética (F2)** con la parte inferior del **montante de impacto (F1)** y recorte el exceso de la parte superior. (**Figura 11a**)

2. Inserte el **montante de impacto (F1)** en el **poste en línea (E)** con la **banda magnética (F2)** hacia afuera. (**figura 11a/11b**)

CONSEJO: Engarce la parte inferior del Poste en línea para evitar que la banda magnética se deslice por la parte inferior.

STEP/ÉTAPE/ETAPA 12 INSTALL DOOR ASSEMBLY / INSTALLER L'ENSEMBLE DE PORTE / INSTALE EL CONJUNTO DE LA PUERTA

1. Starting at the bottom: Insert the Door Hinge Post fully into the Wall Jamb (C) ensuring the Door swings out from the shower enclosure. (Fig 12a)

2. Temporarily secure the Door Hinge Post to the Wall Jamb (C) from inside the shower with one #6 x 3/8" PHPT Adjustment Screws (M) Locate the screw at 3" from the top and 1/4" from the edge of the Wall Jamb (C). (Fig 12b/12c)

NOTE: It is important to hold the Door Assembly (H) in position temporarily for the next few steps.

1. En commençant par le bas : Insérez complètement le montant de la charnière de la porte dans le montant du mur (C) en veillant à ce que la porte pivote hors de la cabine de douche. (Fig 12a)

2. Fixez temporairement le montant de la charnière de la porte au montant du mur (C) depuis l'intérieur de la douche avec une vis de réglage #6 x 3/8" PHPT (M). Placez la vis à 3" du haut et à 1/4" du bord du montant de mur (C). (Fig 12b/12c)

REMARQUE : Il est important de maintenir temporairement l'ensemble de porte (H) en position pour les prochaines étapes.

1. Comenzando desde abajo: inserte completamente el poste de la bisagra de la puerta en el montante mural (C) asegurándose de que la puerta gire hacia afuera del recinto de la ducha. (Figura 12a)

2. Fije temporalmente el poste de la bisagra de la puerta al montante mural (C) desde el interior de la ducha con un tornillo de ajuste PHPT n.º 6 x 3/8" (M). Ubique el tornillo a 3" desde la parte superior y a 1/4" del borde del montante mural (C). (figura 12b/12c)

NOTA: Es importante mantener el ensamblaje de la puerta (H) en su posición temporalmente durante los próximos pasos.

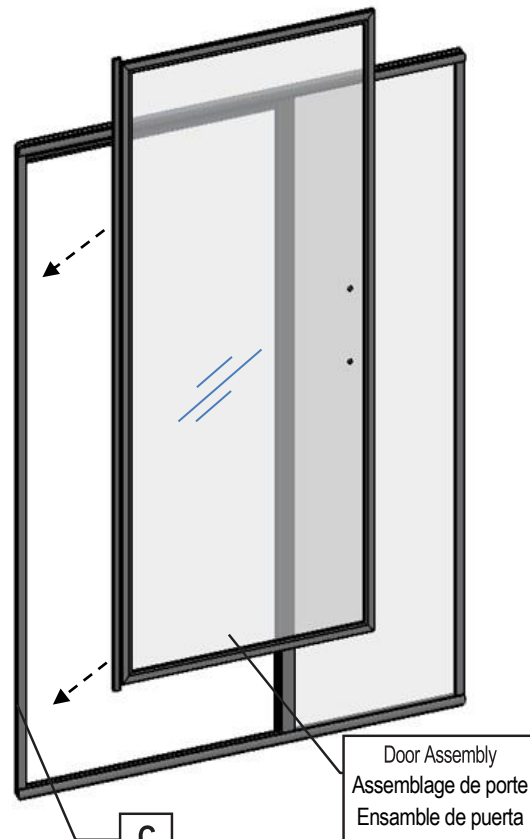


Fig 12a

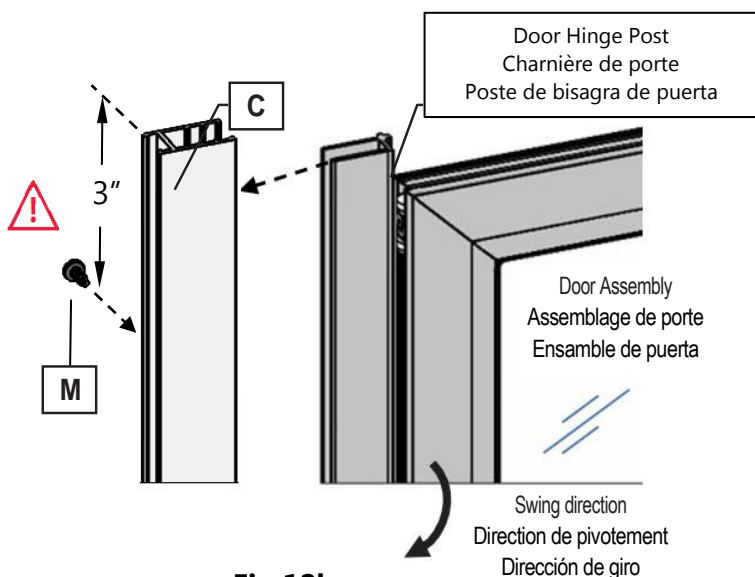


Fig 12b

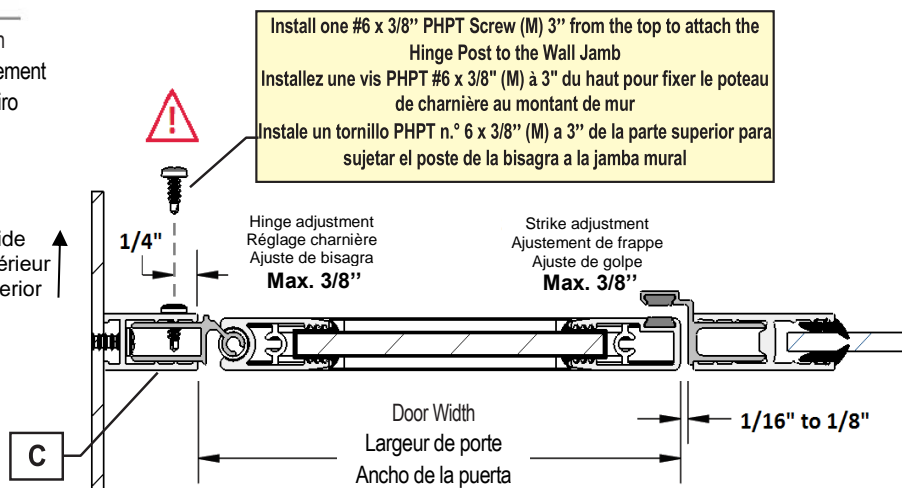


Fig 12c

*Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda*

STEP/ÉTAPE/ETAPA 13

SECURE DOOR ASSEMBLY AND STRIKE POST / SÉCURISER ASSEMBLAGE DE LA
PORTE ET MONTANT MURAL / MONTAJE DE PUERTA Y POSTE DE CIERRE

1. Adjust the **Door Assembly (H)** and **Strike Post (F1)** so that the **Door Magnetic Strike** meets the **Magnet (F2)** in the **Strike Post (F1)**. (Fig 13b)

NOTE: There should be an even gap between the Door Strike and the Strike Post from top to bottom.

2. When satisfied with the adjustments, secure the Hinge Post to the **Wall Jamb (C)** from inside the shower using three **#6 x 3/8" PHPT Adjustment Screws (M)**. Place one screw in the center, and the other two at 3" from the top and bottom. (Fig 13a/13b)

3. Inspect the magnetic closure again. Then secure the **Strike Post (F1)** to the **Inline Post (E)** from inside the shower using three **#6 x 3/8" PHPT Adjustment Screws (M)**. Place one screw in the center, and the other two 3" from the top and bottom. (Fig 13a/13b)

1. Ajustez l'**assemblage de la porte (H)** et le **montant mural (F1)** de sorte que le **montant magnétique de la porte** rencontre l'**aimant (F2)** dans le **montant mural (F1)**. (Fig 13b) **REMARQUE :** Il doit y avoir un espace égal entre la gâche de porte et le poteau de gâche de haut en bas.

2. Lorsque vous êtes satisfait des ajustements, fixez le montant de la charnière au **montant du mur (C)** depuis l'intérieur de la douche à l'aide de trois **vis de réglage PHPT n° 6 x 3/8 po (M)**. Placez une vis au centre et les deux autres à 3" du haut et du bas. (Fig. 13a/13b)

3. Inspectez à nouveau la fermeture magnétique. Fixez ensuite le **montant mural (F1)** au **poteau en ligne (E)** depuis l'intérieur de la douche à l'aide de trois **vis de réglage PHPT #6 x 3/8" (M)**. Placez une vis au centre et les deux autres à 3 po du haut et du bas. (Fig. 13a/13b)

1. Ajuste el **ensamblaje de la puerta (H)** y el **montante mural (F1)** de modo que el **cierre magnético de la puerta** se encuentre con el **imán (F2)** en el **montante mural (F1)**. (Figura 13b) **NOTA:** Debe haber un espacio uniforme entre la cerradura de la puerta y el poste de la cerradura de arriba a abajo.

2. Cuando esté satisfecho con los ajustes, asegure el poste de la bisagra al **montante mural (C)** desde el interior de la ducha usando tres **tornillos de ajuste PHPT #6 x 3/8" (M)**. Coloque un tornillo en el centro y los otros dos a 3" de la parte superior e inferior. (figura 13a/13b)

3. Inspeccione el cierre magnético nuevamente. Luego asegure el **montante mural (F1)** al **poste en línea (E)** desde el interior de la ducha usando tres **tornillos de ajuste PHPT #6 x 3/8" (M)**. Coloque un tornillo en el centro y los otros dos a 3" de la parte superior e inferior. (figura 13a/13b)

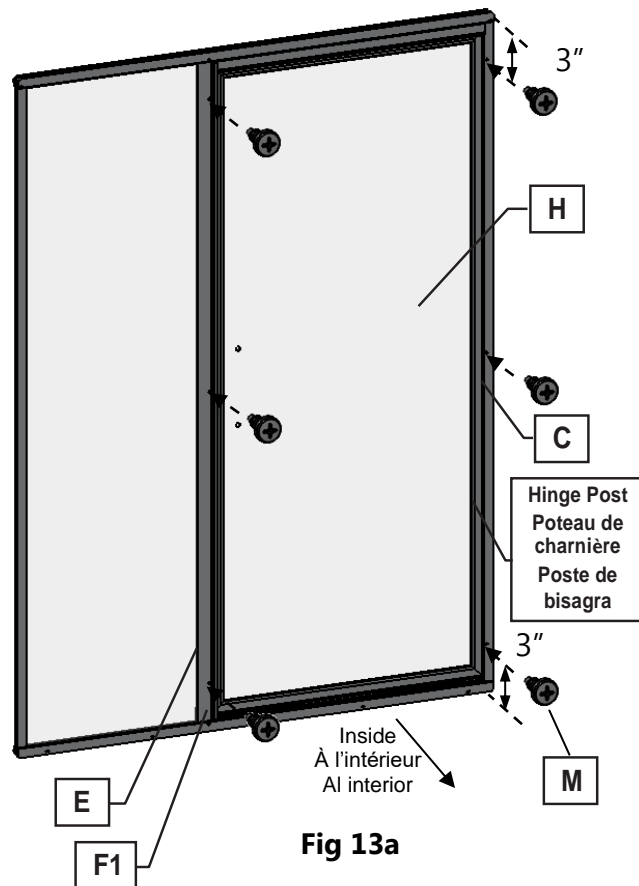


Fig 13a

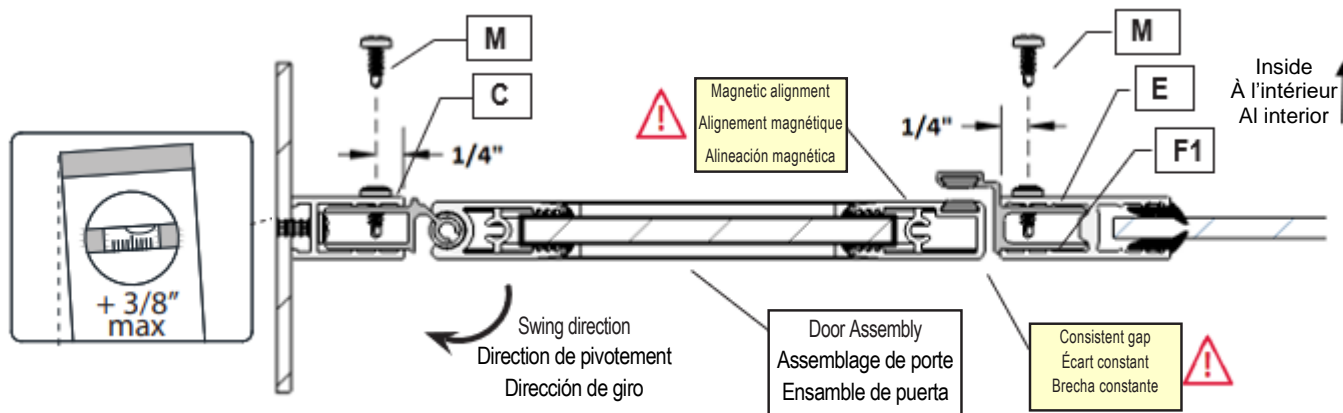


Fig 13b

Left-Hand Swing door installation shown

Installation de porte battante à gauche illustrée

Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 14 INSTALL DOOR HANDLE / INSTALLER LA POIGNÉE DE PORTE / INSTALE LA MANIJA DE LA PUERTA

1. Attach the outside **Handle (S)** to the **Door (H)** with a plastic washer on each side and a bushing in the holes in the glass. **(Fig 14)**

⚠ IMPORTANT: Hand tighten the cone head screws. Do not over-tighten the screws to prevent damage to the door **glass!**

2. Slide the inside handle over the cone head screws. Tighten the two set screws on the inside handle. **(Fig 14)**

1. Fixez la **poignée extérieure (S)** à la **porte (H)** avec une rondelle en plastique de chaque côté et une bague dans les trous de la vitre. **(Fig 14)**

⚠ IMPORTANT : Serrez à la main les vis à tête conique. Ne serrez pas trop les vis pour éviter d'endommager le **verre** de la porte !

2. Faites glisser la poignée intérieure sur les vis à tête conique. Serrez les deux vis de réglage sur la poignée intérieure. **(Fig 14)**

1. Fije la **manija exterior (S)** a la **puerta (H)** con una arandela de plástico en cada lado y un cojinete en los orificios del vidrio. **(Figura 14)**

⚠ IMPORTANTE: Apriete a mano los tornillos de cabeza cónica. ¡No apriete demasiado los tornillos para evitar daños en el **crystal** de la puerta!

2. Deslice la manija interior sobre los tornillos de cabeza cónica. Apriete los dos tornillos de fijación en la manija interior. **(Figura 14)**

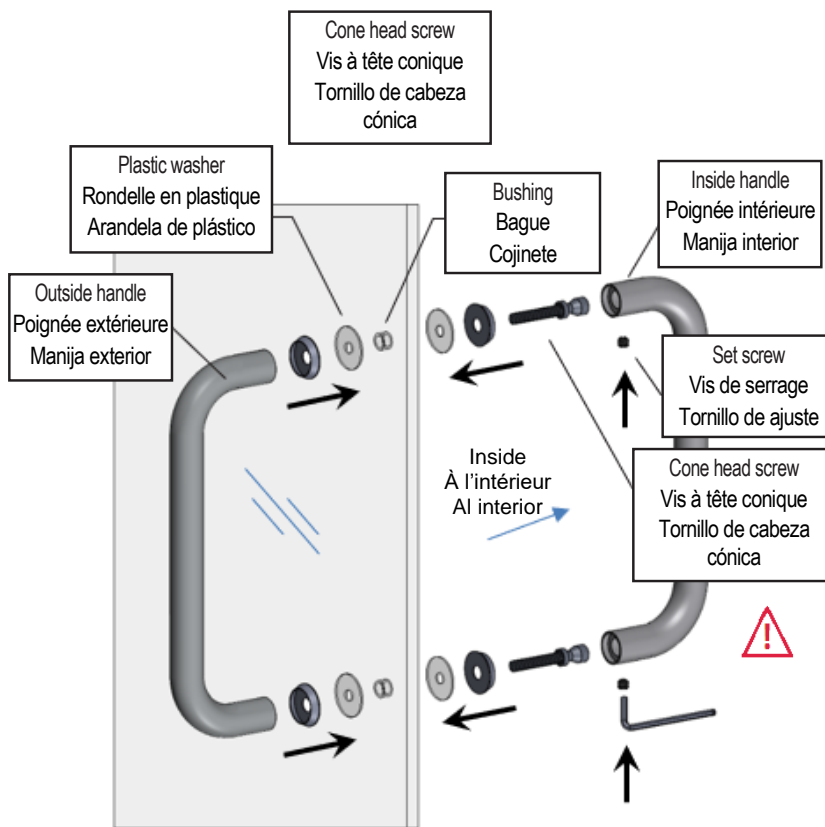
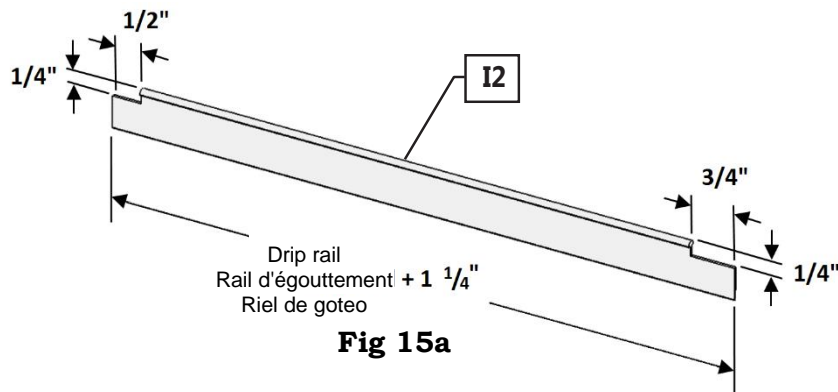


Fig 14

STEP/ÉTAPE/ETAPA 15 ASSEMBLE THE DRIP RAIL / ASSEMBLAGE DU RAIL D'ÉGOUTTEMENT / MONTAJE DEL CARRIL DE GOTEO

1. Trim the **Vinyl Sweep (I2)** to length of the **Drip Rail (I1)** + 1-1/4". (Fig 15a)
2. Notch the top edge of the **Vinyl Sweep (I2)** 1/2" on one end and 3/4" on the other end. (Fig 15a)
3. Slide the **Vinyl Sweep (I2)** into the **Drip Rail (I1)** with the long notch on the hinge side. (Fig 15b/15c)
4. Insert **Drip Rail Plugs (J)** in each end of the **Drip Rail (I1)**. **NOTE:** Remove the center of the **Drip Rail Plug (J)** on the hinge side. (Fig 15c)



1. Coupez le **balayage en vinyle (I2)** à la longueur du **rail d'égouttement (I1)** + 1-1/4". (Fig 15a)
2. Entailler le bord supérieur du **balayage en vinyle (I2)** 1/2" à une extrémité et 3/4" à l'autre extrémité. (Fig 15a)
3. Faites glisser le **balayage en vinyle (I2)** dans le **rail d'égouttement (I1)** avec la longue encoche sur le côté charnière. (Fig. 15b/15c)
4. Insérez les **bouchons du rail d'égouttement (J)** à chaque extrémité du **rail d'égouttement (I1)**. **REMARQUE :** Retirez le centre du **bouchon du rail d'égouttement (J)** du côté de la charnière. (Fig 15c)

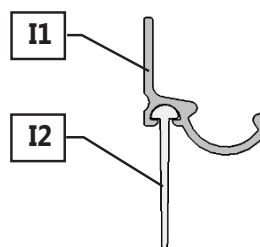


Fig 15b

1. Recorte el **barrido de vinilo (I2)** a la longitud del **riel de goteo (I1)** + 1-1/4". (Figura 15a)
2. Muesca el borde superior del **barrido de vinilo (I2)** 1/2" en un extremo y 3/4" en el otro extremo. (Figura 15a)
3. Deslice el **barrido de vinilo (I2)** en el **riel de goteo (I1)** con la muesca larga en el lado de la bisagra. (figura 15b/15c)
4. Inserte los **taponés del riel de goteo (J)** en cada extremo del **riel de goteo (I1)**. **NOTA:** Retire el centro del **tapón del riel de goteo (J)** en el lado de la bisagra. (Figura 15c)

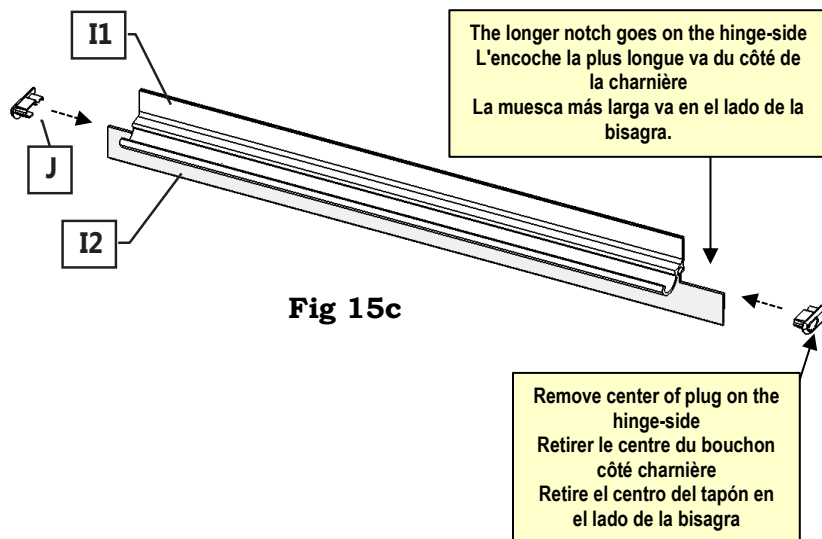


Fig 15c

*Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda*

STEP/ÉTAPE/ETAPA 16 INSTALL DRIP RAIL / INSTALLER LE RAIL D'ÉGOUTTEMENT / INSTALE EL CARRIL DE GOTEO

1. Remove the tape backing from the **Drip Rail (I1)**. Place the **Drip Rail (I1)** on the bottom rail of the **Door (H)** at 5/8" from the strike side. The **Vinyl Sweep (I2)** should extend to the **Sill (A)**. Angle the **Drip Rail (I1)** down a minimum of 1/8" towards the hinge side for drainage. (Fig 16a/16b)
2. Open and close the **Door (H)** to check for interference between **Vinyl Sweep (I2)** and the unit. Adjust the **Drip Rail (I1)** as necessary.
3. Secure the **Drip Rail (I1)** to the **Door (H)** with two #6 x 3/8" PHPT **Adjustment Screws (M)**. Locate screws 2" from each end. (Fig 16b)



IMPORTANT: DO NOT drill into the Door Glass!
Locate screws a minimum of 5/8" from the top edge of the Door bottom rail. (Fig 16a)

1. Retirez le ruban adhésif du **rail d'égouttement (I1)**. Placez le **rail d'égouttement (I1)** sur le rail inférieur de la **porte (H)** à 5/8" du côté de la gâche. Le **balayage en vinyle (I2)** doit s'étendre jusqu'au **seuil (A)**. Inclinez le **rail d'égouttement (I1)** vers le bas d'au moins 1/8 po vers le côté charnière pour le drainage. (Fig. 16a/16b)
2. Ouvrez et fermez la **porte (H)** pour vérifier les interférences entre le **balayage en vinyle (I2)** et l'appareil. Ajustez le **rail d'égouttement (I1)** si nécessaire.
3. Fixez le **rail d'égouttement (I1)** à la **porte (H)** avec deux **vis de réglage #6 x 3/8" PHPT (M)**. Localisez les vis à 2 po de chaque extrémité. (Fig 16b)



IMPORTANT : NE PAS percer la porte vitrée ! Placez les vis à au moins 5/8 po du bord supérieur du rail inférieur de la porte. (Fig 16a)

1. Retire la cinta adhesiva del **riel de goteo (I1)**. Coloque el **riel de goteo (I1)** en el riel inferior de la **puerta (H)** a 5/8" del lado de la cerradura. El **barrido de vinilo (I2)** debe extenderse hasta el **umbral (A)**. Incline el **riel de goteo (I1)** hacia abajo un mínimo de 1/8" hacia el lado de la bisagra para el drenaje. (figura 16a/16b)
2. Abra y cierre la **puerta (H)** para verificar si hay interferencia entre el **barrido de vinilo (I2)** y la unidad. Ajuste el **riel de goteo (I1)** según sea necesario.
3. Asegure el **riel de goteo (I1)** a la **puerta (H)** con dos **tornillos de ajuste PHPT #6 x 3/8" (M)**. Ubique los tornillos a 2" de cada extremo. (Figura 16b)



IMPORTANTE: ¡NO perfore el vidrio de la puerta! Ubique los tornillos a un mínimo de 5/8" del borde superior del riel inferior de la puerta. (Figura 16a)

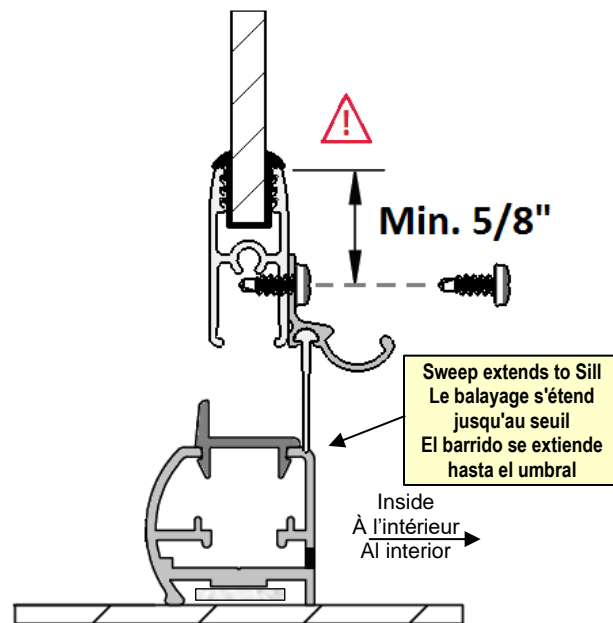


Fig 16a

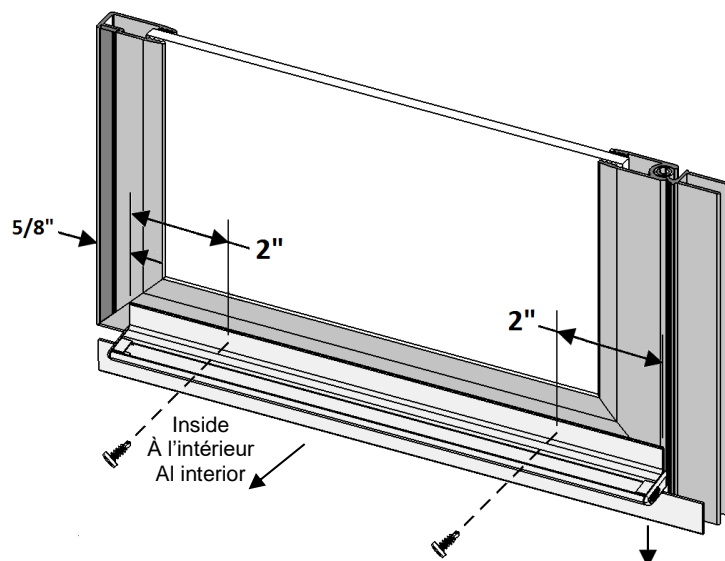


Fig 16b

Slope Down Minimum 1/8" to hinge side
Pente vers le bas d'au moins 1/8" du côté de la charnière
Pendiente hacia abajo Mínimo 1/8" al lado de la bisagra

Left-Hand Swing door installation shown
Installation de porte battante à gauche illustrée
Se muestra la instalación de la puerta batiente a la izquierda

STEP/ÉTAPE/ETAPA 17 SEAL YOUR INSTALLATION with SILICONE / ÉTANCHEZ VOTRE INSTALLATION avec du SILICONE / SELLA TU INSTALACIÓN con SILICONA

1. To complete the installation, run a bead of clear 100% silicone around the outside perimeter of the unit. Silicone the 2pc Header to the ceiling from the inside.

Allow 24 hours for the silicone to fully cure before using your new shower door

(follow the silicone manufacturer's recommendations on the curing time for their product).

1. Pour terminer l'installation, appliquez un cordon de silicone transparent à 100 % autour du périmètre extérieur de l'appareil. Calfeutrez le 2pc Header au plafond de l'intérieur.

Attendez 24 heures pour que le silicone durcisse complètement avant d'utiliser votre nouvelle porte de douche.

(suivre les recommandations du fabricant de silicone sur le temps de durcissement de leur produit).

1. Para completar la instalación, aplique una gota de silicona 100 % transparente alrededor del perímetro exterior de la unidad. Silicona el cabezal de 2 piezas al techo desde el interior.

Espere 24 horas para que la silicona se seque por completo antes de usar su nueva puerta de ducha.

(siga las recomendaciones del fabricante de silicona sobre el tiempo de curado de su producto).

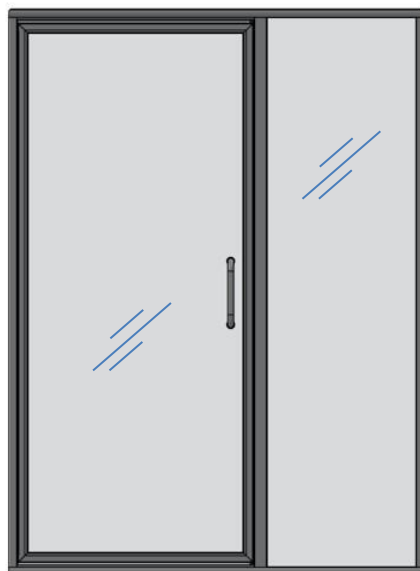


Fig 17

General Maintenance:

1. Inspect the door regularly for any loose hardware and proper alignment.
2. Inspect the vinyl seals and replace if worn or damaged to prevent leakage.
3. Inspect silicone and remove and replace as necessary to prevent leakage.

Entretien général:

1. Inspectez régulièrement la porte pour détecter toute quincaillerie desserrée et son bon alignement.
2. Inspectez les joints en vinyle et remplacez-les s'ils sont usés ou endommagés pour éviter les fuites.
3. Inspectez le silicone et retirez-le et remplacez-le si nécessaire pour éviter les fuites.

Mantenimiento general:

1. Inspeccione la puerta con regularidad en busca de herrajes sueltos y la alineación adecuada.
2. Inspeccione los sellos de vinilo y reemplácelos si están desgastados o dañados para evitar fugas.
3. Inspeccione la silicona y retírela y reemplácela según sea necesario para evitar fugas.

Left-Hand Swing door installation shown

Installation de porte battante à gauche illustrée

Se muestra la instalación de la puerta batiente a la izquierda



Installation, Operation and Maintenance Manual

5kw Steambath Generator Systems

IMPORTANT: Leave this material with the homeowner.

READ ME FIRST!

⚠️ WARNING As you follow these instructions, you will notice warning and caution symbols. This blocked information is important for the safe and efficient installation and operation of this generator. These are types of potential hazards that may occur during installation and operation:

⚠️ WARNING Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

⚠️ CAUTION Indicates a potentially hazardous situation, which, if not avoided may result in minor or moderate injury or product damage.

NOTICE is used to address practices not related to physical injury.

IMPORTANT NOTE: *This highlights information that is especially relevant to a problem-free installation. All information in these instructions is based on the latest product information available at the time of publication. American Bath Group (ABG) reserves the right to make changes at any time without notice.*

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL INSTRUCTIONS

2. **⚠️ WARNING** Supervise children at all times.

3. **⚠️ WARNING** Steam is hot and can cause injury or death if improperly used. Steam rooms contain steam and elevated temperatures. Please read and observe all warnings in this manual before installing or using a steam room.

4. **⚠️ WARNING** To reduce the risk of injury:

- A. The wet surfaces of steam enclosures may be slippery. Use care when entering or leaving.
- B. The steam head is hot. DO NOT touch the steam head and avoid the steam near the steam head.
- C. Prolonged use of the steam system can raise excessively the internal human body temperature and impair the body's ability to regulate its internal temperature

(hyperthermia). Limit your use of steam to 10-15 minutes until you are certain of your body's reaction.

- D. Excessive temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnancy or possibly pregnant women should consult a physician regarding correct exposure.
- E. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a steambath.
- F. Persons using medication should consult a physician before using a steambath since some medication may induce drowsiness while other medications may affect heart rate, blood pressure and circulation.

SAVE THESE INSTRUCTIONS

REDUCE THE RISK OF OVERHEATING AND SCALDING

1. EXIT IMMEDIATELY IF UNCOMFORTABLE, DIZZY OR SLEEPY. STAYING TOO LONG IN A HEATED AREA IS CAPABLE OF CAUSING OVERHEATING.
2. SUPERVISE CHILDREN AT ALL TIMES.
3. CHECK WITH A DOCTOR BEFORE USE IF PREGNANT, DIABETIC, IN POOR HEALTH OR UNDER MEDICAL CARE.
4. BREATHING HEATED AIR IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL, DRUGS, OR MEDICATION IS CAPABLE OF CAUSING UNCONSCIOUSNESS.
5. DO NOT CONTACT STEAM HEAD OR STEAM AT THE STEAM HEAD.

REDUCE THE RISK OF SLIPPING AND FALL INJURY

1. USE CARE WHEN ENTERING OR EXITING THE STEAM ROOM. FLOOR MAY BE SLIPPERY

NOTE: FOR ADDITIONAL SAFETY CONSIDERATIONS SEE OWNER'S MANUAL

WHICH IS KEPT:

USE OF STEAM ROOM IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL CAN BE DANGEROUS AND CAN RESULT IN INJURY THROUGH SLIP AND FALL OR OTHERWISE.

PUR100378PL 3.22

HYPERTHERMIA occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6° F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include:

- a) Failure to perceive heat;
- b) Failure to recognize the need to exit the steambath;
- c) Unawareness of impending risk;
- d) Fetal damage in pregnant women;
- e) Physical inability to exit the steambath and f) Unconsciousness.

⚠️ WARNING The use of alcohol, drugs, or medication can greatly increase the risk of hyperthermia.

⚠️ WARNING

This peel and stick warning label is an essential part of providing a safe environment for steam room users. This peel and stick warning label must be applied to the wall of the shower or steam enclosure, at a point that is visible to all users. Failure to install this sticker may result in serious injury or death. The location where this owner's manual is kept shall be written in the space provided on the label using permanent ink.

RESIDENTIAL STEAM BATH GENERATOR SYSTEMS

INSTALLATION, OPERATION & MAINTENANCE MANUAL

MODEL _____

SERIAL NO. _____

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BEFORE INSTALLING

Carefully inspect the Steam Generator and packaging for shipping damage. In the event of shipping damage, please contact the carrier for claim information. Our customer service department can assist you with any missing or damaged parts.

Read these instructions before installation or service. Although this steambath generator has been fully qualified for shipment by ABG, the following must be reviewed for proper, safe and enjoyable steam bathing:

1. Verify that the model and accessories specifications are correct for the incoming line voltage.
 2. This 5 kW steam generator has been designed for the use with enclosures supplied with steam proof doors.
 3. The physical size of the unit, clearance for plumbing servicing, and its distance from the steam room must all be considered before final installation.
 4. Consider any controls and accessories before initiating installation.
- NOTICE**
5. Record the serial number of the steam generator in the space provided in the table of contents of this manual.

STEAM ROOM GUIDELINES

1. Steam room must be completely enclosed, with full walls, door, floor and ceiling.
2. It is recommended that a gasketed door is used for steam containment.
3. **! WARNING** To prevent slip and fall hazards, nonslip flooring or non-slip floor strips must be installed in the steam room.
4. Check the suitability of any materials with the manufacturer. Walls and ceilings must be constructed of water-resistant, non-corrosive surface, such as tile, marble, molded acrylic, or other non-porous material.
5. The ceiling should be sloped to prevent dripping of condensate.
6. Provide a floor drain.
7. No heating, venting or air conditioning devices should be installed inside the steam room.
8. Steam room tile construction information is available from the Tile Council of America, Inc. by purchasing the TCA Handbook for Ceramic Tile Installation. Tel. (864) 646-8453 or www.tileusa.com.
9. Windows that are part of the steam room should be double paned and tempered safety glass.
10. Limit steam room ceiling height to 8 feet. Exceeding 8 feet may require a higher-rated steam generator.

! WARNING

REDUCE THE RISK OF OVERHEATING AND SCALDING

1. EXIT IMMEDIATELY IF UNCOMFORTABLE, DIZZY OR SLEEPY. STAYING TOO LONG IN A HEATED AREA IS CAPABLE OF CAUSING OVERHEATING.
2. SUPERVISE CHILDREN AT ALL TIMES.
3. CHECK WITH A DOCTOR BEFORE USE IF PREGNANT, DIABETIC, IN POOR HEALTH OR UNDER MEDICAL CARE.
4. BREATHING HEATED AIR IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL, DRUGS, OR MEDICATION IS CAPABLE OF CAUSING UNCONSCIOUSNESS.
5. DO NOT CONTACT STEAM HEAD OR STEAM AT THE STEAM HEAD.

REDUCE THE RISK OF SLIPPING AND FALL INJURY

1. USE CARE WHEN ENTERING OR EXITING THE STEAM ROOM. FLOOR MAY BE SLIPPERY

NOTE: FOR ADDITIONAL SAFETY CONSIDERATIONS SEE OWNER'S MANUAL WHICH IS KEPT:

USE OF STEAM ROOM IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL CAN BE DANGEROUS AND CAN RESULT IN INJURY THROUGH SLIP AND FALL OR OTHERWISE.

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Not Actual Size

! WARNING The peel and stick warning label located in this manual is an essential part of providing a safe environment for steam room users. The peel and stick warning label must be applied to the wall of the shower or steam enclosure, at a point that is visible to all users. Failure to install this sticker may result in serious injury or death. The location where this owner's manual is kept shall be written in the space provided on the label using permanent ink. For a replacement warning label contact ABG customer service.

- ! WARNING** Never use damaged equipment, doing so may result in an inoperative or hazardous installation.
- Discontinue use of the steam generator and control if the steam generator or control are damaged or otherwise not functioning properly. Doing so may result in an inoperative or hazardous installation
 - **ELECTRICAL SHOCK HAZARD.** ABG steam generators are connected to 240V line voltage and contain live electrical components. All installation and service to be performed by qualified and licensed electricians and plumbers only. Installation or service by unqualified persons or failure to use ABG parts may result in property damage or in a hazardous condition.
 - The series of steam generators are for residential use only. Commercial or other nonresidential applications void the warranty and may adversely affect product performance and may represent a safety hazard.

IMPORTANT NOTES:

This document contains important safety, operation and maintenance information. Leave this document with the homeowner. Do not discard this document.

The following general information should be used in conjunction with consultations with an architect, designer and contractor in determining factors necessary in providing a suitable and safe steam room. ABG steam generators are intended to be operated with ABG controls only, and are to be installed strictly in accordance with the specific instructions contained in this manual and as supplied in the manuals provided with the controls or accessories.

WATER QUALITY INFORMATION

For optimum results, the water supply should be tested prior to installation. If the mineral content exceeds the following recommended limits, various external treatment processes are recommended to correct the problem.

NOTICE An analysis of the on-site water must be made by a recognized and reliable water treatment company to ascertain the existing condition and treatment required.

Poor water quality can affect efficiency or result in steam generator damage. Water contains impurities in solution and suspension. These impurities concentrate in the generator. The concentration of these impurities increases as more feedwater is introduced into the generator and steam is produced. If the suspended solids are allowed to concentrate beyond certain limits, a deposit or "scale" will form on the generator internal surfaces. This deposit can interfere with the proper generator operation and cause generator failure. The concentration of these impurities is generally controlled by the water quality and by periodic draining of the generator.

RECOMMENDED FEEDWATER QUALITY

Hardness, ppm 8 – 85 (~0.5 – 5 gpg)
P-Alkalinity, ppm 85 – 410 (~5 – 24 gpg)
T. Alkalinity, ppm 200 – 500 (~7 – 0 gpg)
pH (strength of alkalinity) 8.0 – 11.4

Every 2 months, or more often in "hard" water areas, the manual drain valve should be opened fully flushing out accumulated materials, salts and other particles which are natural by-products of boiling water.

The optional Automatic Drain System feature automatically drains the ABG generator following each use. A time delay allows the water to cool down (about two hours) before it drains by gravity for a safe and gentle operation.

LOCATING THE STEAM GENERATOR

Select a location as near as practical to the steam room.

Typical locations include: closet, vanity cabinet, heated attic or basement.

NOTICE The standard length of the cable for connecting the control to the steam generator is 30 feet. The steam generator and control must be located accordingly. An optional 60 foot cable is available. The maximum cable length is 60 feet.

IMPORTANT NOTE: The control cable should be run in a dedicated 1" conduit to facilitate installation and service.

WARNING DO NOT route control wiring inside conduit together with power lines or close to hot water or steam piping. Doing so may result in an inoperative or hazardous installation.

WARNING (Items 1-4)

1. DO NOT install steambath generator inside steam room, a shock hazard will occur
2. DO NOT install steambath generator outdoors or wherever environmental conditions may result in a shock hazard or affect performance of the generator.
3. To prevent damage to the steam generator or a fire hazard DO NOT install steambath generator near flammable or corrosive materials or chemicals such as gasoline, paint thinners, or the like. Installation in areas having high concentrations of chlorine (such as pool equipment room) must be avoided.
4. Burn Hazard. Steam piping, safety valve, drain valve and plumbing become hot during operation and remain hot after shutdown for a period of time. Provide appropriate protection, including insulating plumbing lines. Avoid plumbing runs and steamhead locations that can come in contact with bathers.

CAUTION (Items 5-7)

5. DO NOT install steambath generator or plumbing lines in unheated attic or any locations where water could freeze and cause pipes to rupture and cause property damage.
6. Install steambath generator on a solid and level surface. Provide supports under steam generator when wall mounting. Keyhole slots are provided for wall mounting.

Insure the steam generator is properly secured and level when mounting with keyhole slots to prevent damage to the steam generator.

7. Install steambath generator in an upright position only to prevent damage to the generator.

IMPORTANT NOTES: (Items 8-12)

8. Install anti-water hammer device as necessary.
9. Provide a minimum of (12) inches at both ends and top of the steam generator or as required for servicing. See page 10.
10. Provide unions as required to facilitate installation and disconnection of piping.
11. ABG controls can be located inside the steam room or on the outside of the steam room. See the Control Installation Manual for your specific control package for specific details.
12. The steam generators are for residential use only. Commercial or other nonresidential applications void the warranty and may adversely affect product performance and may represent a safety hazard.

NOTICE

ABG Generators (inclusive of the Controls) are UL listed.

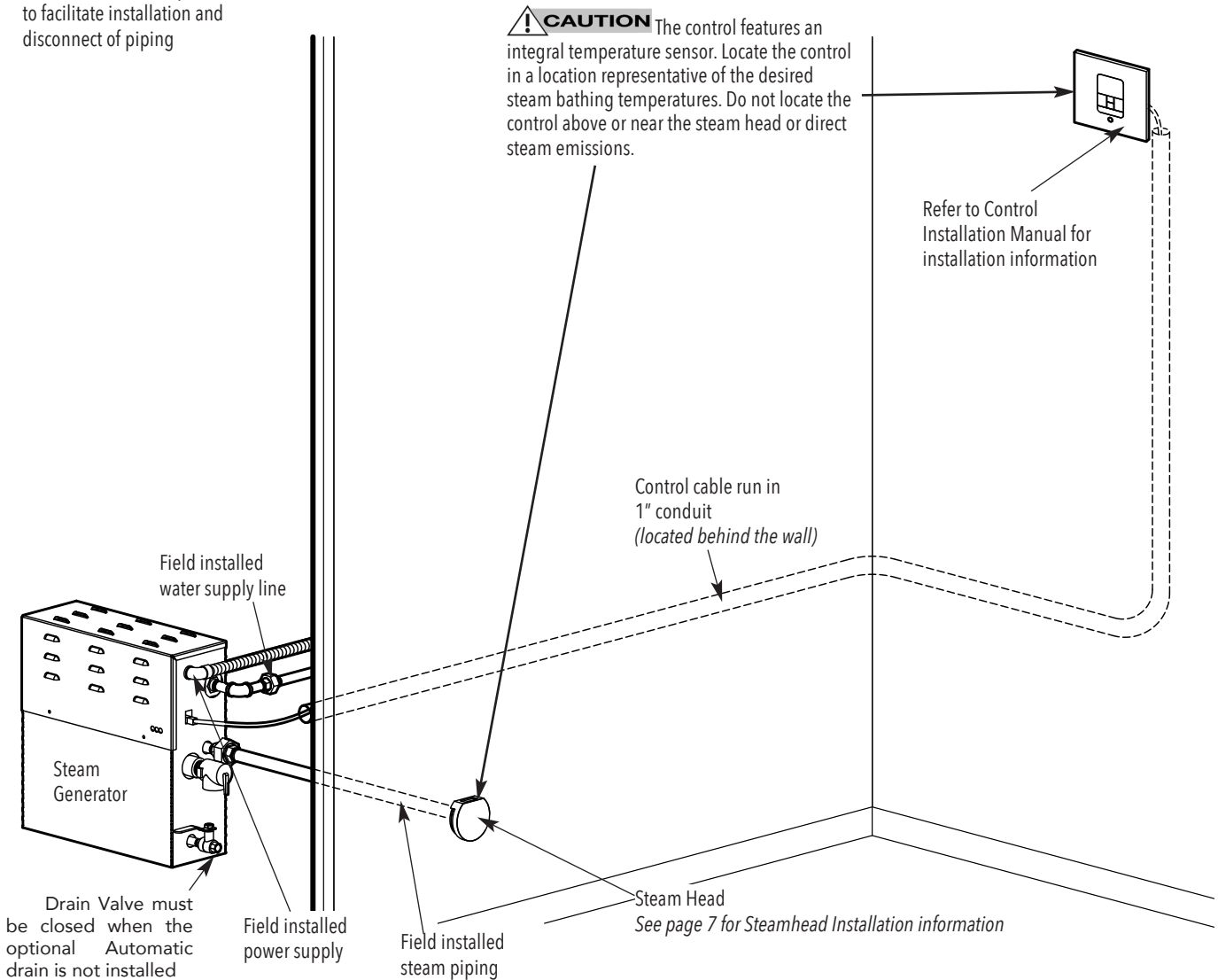
WARNING Suitable for operation in ambient not exceeding 45C (113° F)

TYPICAL INSTALLATION INSTRUCTION

NOTICE Drawings for illustrative purposes only.

Consult with qualified designer, architect or contractor for steam room construction details.

Provide unions as required to facilitate installation and disconnect of piping



CAUTION To avoid unintentional steambath operation, do not locate the control where other controls, accessories, shower heads, valves, body sprays or similar within the shower could cause confusion or interfere with the control's intended use and function.

INSTALLATION

PLUMBING

All plumbing shall be performed by a qualified licensed plumber and in accordance with applicable National and local codes.

1. Use unions on all pipe connections.
2. Use only brass piping or rigid copper tubing as permitted by codes.
3. DO NOT use black, galvanized, PVC pipe or PEX except as noted below.

! WARNING Water supply and steam piping must be flushed to remove flux and other debris prior to connecting the steam generator. Failure to flush the steam piping may result in flux poisoning or a hazardous condition. Failure to flush the steam piping may result in blockage or an inoperable system.

WATER SUPPLY (3/8" NPT)

1. Connect to cold water line.

NOTICE Water feed line may be flexible copper tubing, braided hose, PVC or PEX if permissible by local codes.

2. Provide a shut off valve in the water supply line upstream of the steambath generator.
3. DO NOT overheat inlet solenoid valve with solder connections. Overheating will damage parts.
4. Flush inlet water line thoroughly before making connection to unit.
5. Strainer recommended upstream of feed water connection.
6. In order to reduce operating noise, reducing feed water pressure to between 15 - 20 psi is recommended.
7. Provide anti-water hammer device as required.
8. Install an approved backflow preventer as required by local codes.

DRAIN (1/2" NPT)

! CAUTION The drain from the generator should not share an under sink trap, unless the generator is mounted higher than the sink to prevent damage to the generator if the drain backs up.

NOTICE A drain valve is provided to facilitate servicing. Provide a drain line connection from steambath generator drain valve according to National and local Codes. Check local plumbing code for receptor, trap and vent requirements. Do not connect Drain line and Safety Valve line together. **Unit drains by gravity.**

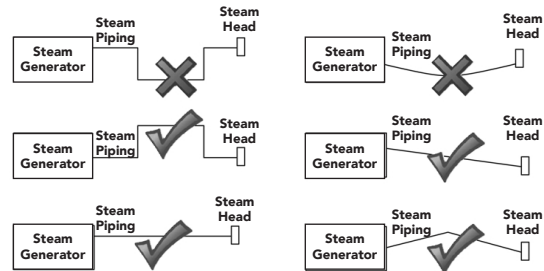
NOTICE Do not plumb the generator drain and condensation pan drain together in such a way that will cause drain water to back into condensation pan.

DO NOT drain into a steam enclosure or any location where accidental contact with drain water may occur. In the event of a power failure the Automatic Drain System valve will open and may discharge boiling water causing a scalding hazard.

! WARNING DO NOT connect the drain valve to the steam piping.

STEAM PIPING (1/2" NPT)

1. DO NOT install any valve in steam piping. Flow of steam must be unobstructed.
2. Use 1/2-inch brass pipe or copper tubing from unit to steam head as permitted by codes.
3. Insulate steam piping with fiberglass pipe insulation or similar insulation rated 212 F or higher. 4. Pitch steam piping 1/4" per foot towards steam head or steam generator to avoid valleys and trapping of condensate.



! WARNING Failure to pitch the steam piping as required for condensate to drain, may cause condensate to block the flow of steam. Blocking the steam flow may cause steam pressure to discharge boiling water through the steamhead, resulting in a scalding hazard. Blocking the flow of steam may cause steam to discharge through the safety valve, resulting in a scalding hazard.

NOTICE A 2 1/4" hole in the steam room is required to mount the steamhead.

SAFETY VALVE (3/4" NPT)

Where permitted by local codes, provide an outlet plumbing connection for safety valve.

! WARNING To insure proper and automatic safety valve operation: DO NOT connect a shut off valve or a plug at safety valve outlet. DO NOT connect a shut off valve or any obstruction in steam supply pipe. DO NOT connect the safety-valve output into the steam piping.

INSTALLING THE ROUND OR SQUARE AROMASTEAM STEAMHEAD (1/2" NPT)

NOTICE A 2 1/4" clearance hole around the steam pipe is needed to mount the steamhead.

STEP 1

Locate steam head 6-12 inches above floor, except for:

1. Holes should be drilled with a hole saw from the finished side of the enclosure
2. To prevent door seals from deteriorating do not locate the steam head where direct steam emission would contact door seals.
3. To reduce noise, do not locate steamhead within 6" from a wall.

STEP 2

Install steamhead with the oil well facing up as shown. Hand tightening is sufficient when teflon or equal pipe thread sealing compound is used.

STEP 3

Secure a bronze drop ear fitting to a header and run 1/2" copper steam piping from the steam generator to the drop ear fitting. Install a temporary nipple (6" or longer) in the drop ear fitting to locate the steamhead after the wall is finished.

STEP 4

After the wall has been finished, mark on the nipple where the surface of the wall is. Remove the nipple and measure the portion that was in the wall (the end to your mark). Subtract 1 3/8" from that dimension and select a brass nipple of that length to finish the installation.

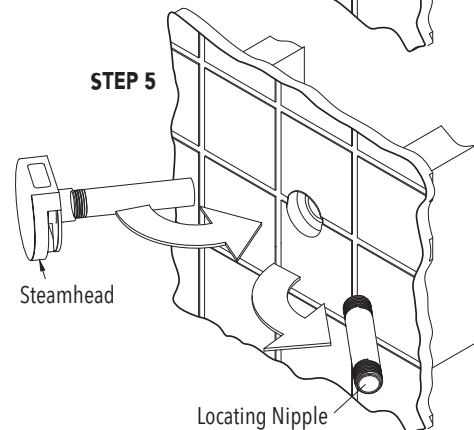
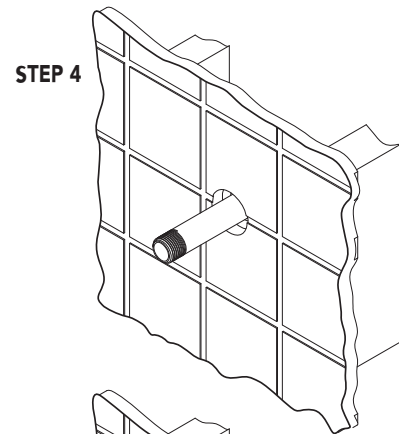
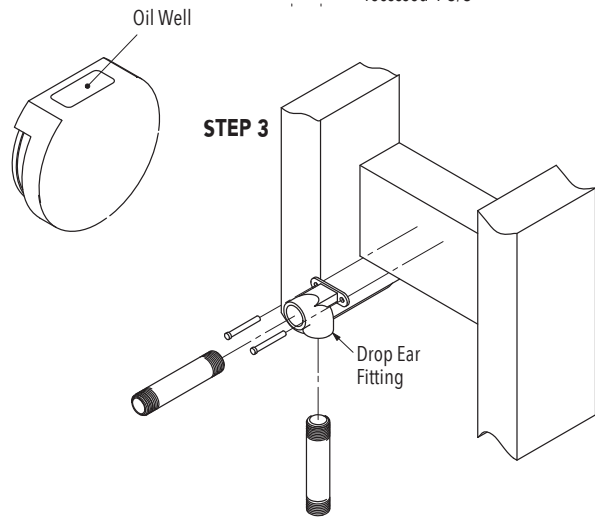
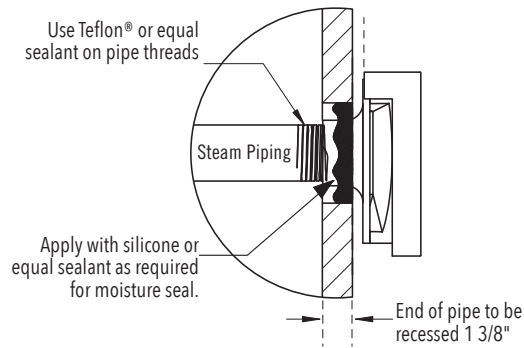
STEP 5

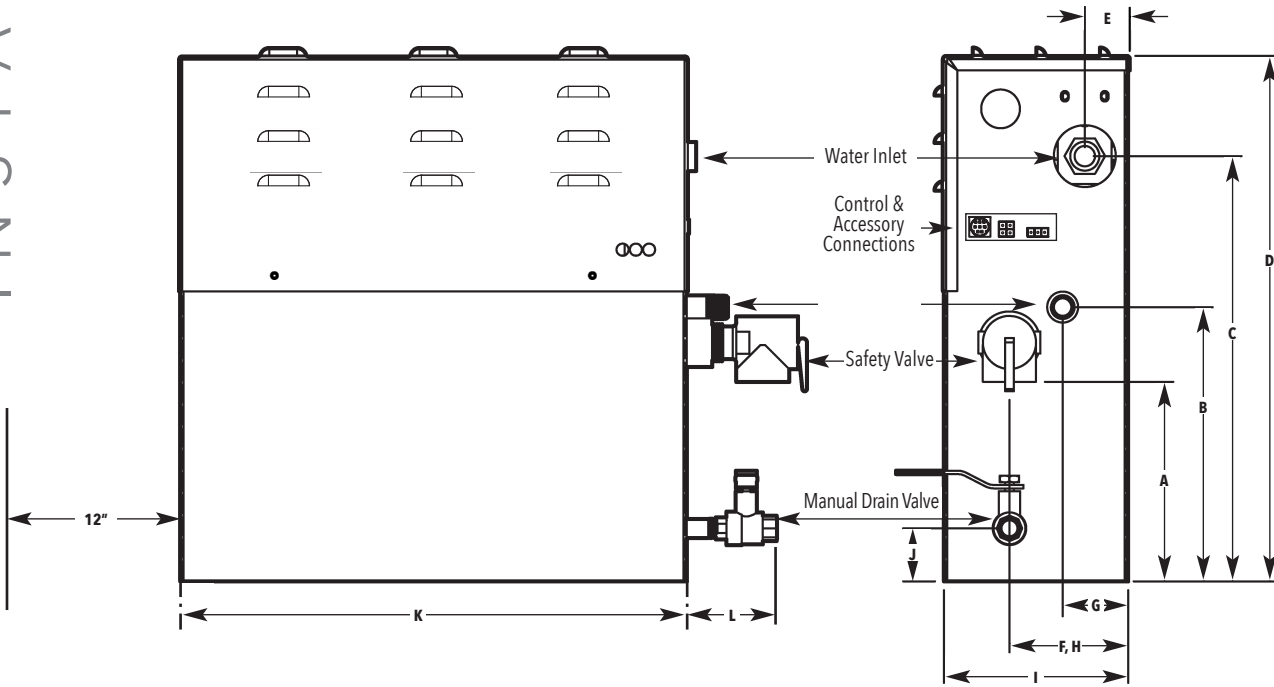
Apply Teflon pipe dope the threads of the new nipple and screw the nipple into the steamhead. Do not use wrenches or tools which would damage the steamhead's finish. Wrap teflon tape around the threads of the nipple and screw the nipple and steamhead assembly you just made into the drop ear fitting in the wall. The steamhead should be flush with the wall and the well must be facing up.

CAUTION To prevent steamhead damage only use pipe dope, not Teflon tape.

To preserve steam head finish, DO NOT use wrench or other tools to tighten. DO NOT use abrasive cleansers or chemicals. Use only water with mild soap and a non-abrasive sponge.

CAUTION Because the steam head and direct steam emissions are very hot, locate the steam head where incidental contact by bather with the steam head or direct steam emission cannot occur.



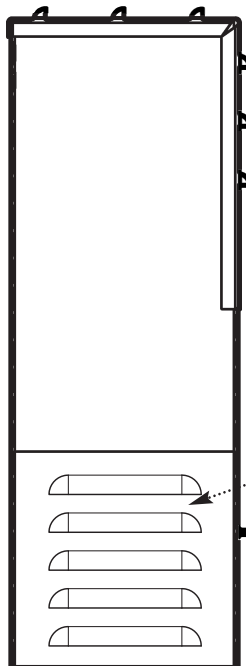


IMPORTANT NOTES:

Provide a minimum of (12) inches at both ends and top of the steam generator or as required for servicing. Alternately, provide unions as required to facilitate installation and disconnection of the steam generator.

The minimum clearance from combustibile surfaces is zero all around.

A	5 5/8" (138)
B	7 3/4" (197)
C	12" (305)
D	14 7/8" (378)
E	1 1/4" (32)
F	3 3/8" (86)
G	1 7/8" (48)
H	3 3/8" (86)
I	5 3/16" (132)
J	1 1/2" (38)
K	14 3/8" (365)
L	2 1/2" (64)



Side View Showing Element Access Panel

TO AVOID EQUIPMENT DAMAGE DO NOT CONNECT POWER SUPPLY DIRECTLY TO ELEMENTS!!!

NOTICE

All units in inches (MM)

WATER INLET	3/8" NPT
STEAM OUTLET	1/2" NPT
SAFETY VALVE	3/4" NPT
MANUAL DRAIN VALVE	1/2" NPT
AUTOMATIC DRAIN	1/2" NPT

ELECTRICAL

⚠ WARNING All electrical wiring to be installed by a qualified licensed electrician in accordance with National Electrical Code and local electrical code.

ELECTRICAL CHART

KW	Volts	Phase	Amps	Wire Size (AWG) for 40° C Ambient	Wire Size (AWG) for 45° C Ambient
5.0	240	1	21	10	10

POWER WIRING

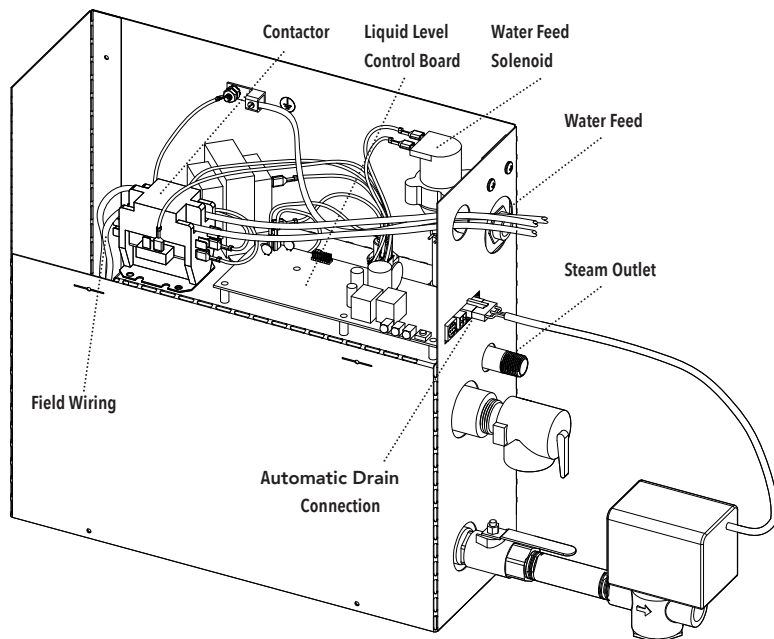
See "Field Power Wiring" Diagram (below)

1. Check power voltage. Use 240V rated unit when supply is greater than 208V. (Most homes have 240V, 1PH service).
2. Use minimum 90C/300V rated insulated copper conductors only, sized in accordance with National Electrical Code and local electrical code for the current in Ampere Chart. If allowed by codes, NM cable may require a larger wire size than as listed on the chart.
3. Connect suitably sized equipment grounding wire to ground terminal provided.
4. Install a separate circuit breaker between supply and unit. Provide a power supply disconnect within sight of the steam generator or one that is capable of being locked in the open position.
5. Use two-wire supply source and equipment grounding wire. Neutral (white) wire is not required.

⚠ WARNING PROVIDE A POWER SUPPLY DISCONNECT WITHIN SIGHT OF THE STEAM GENERATOR OR ONE THAT IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION AS REQUIRED BY CODE.

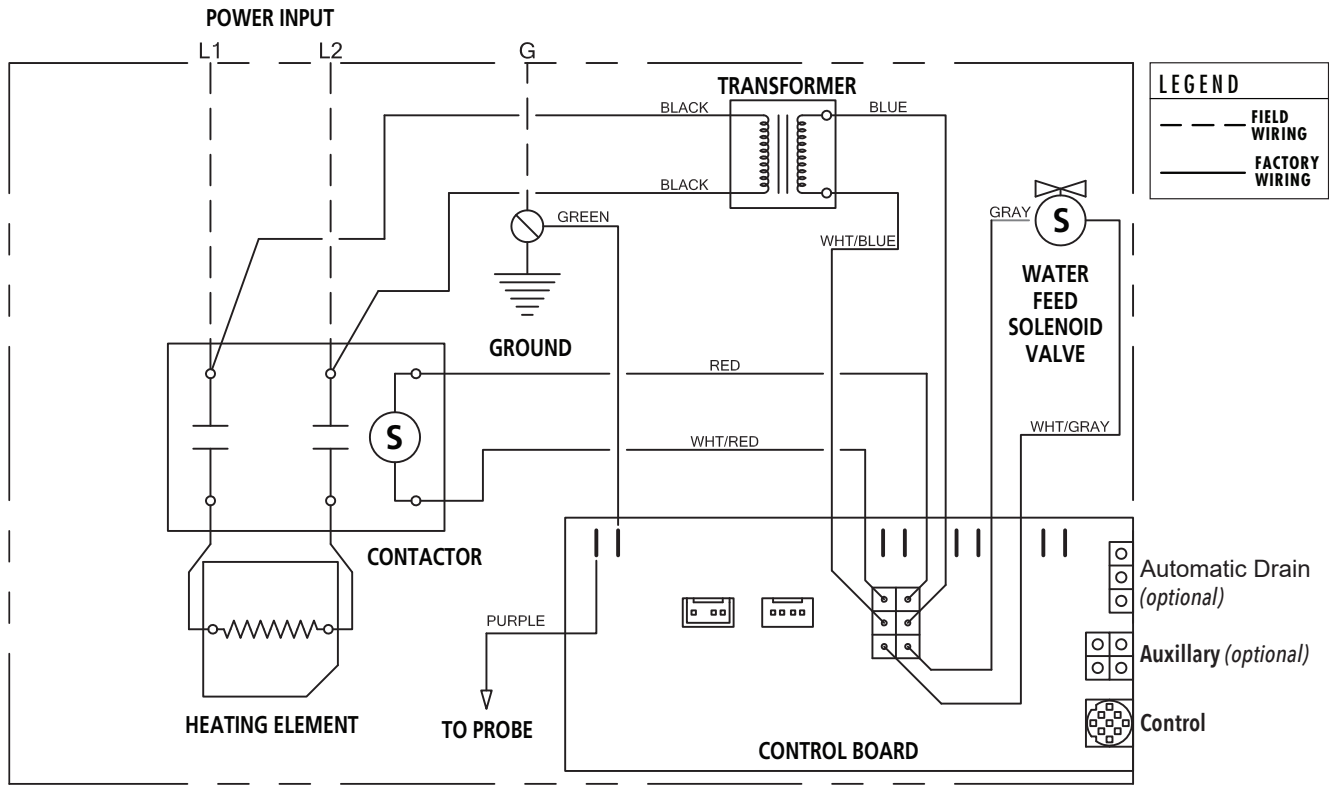
FIELD POWER WIRING

1. TO AVOID EQUIPMENT DAMAGE DO NOT CONNECT POWER SUPPLY DIRECTLY TO ELEMENTS!!!
2. L1, L2, Ground to be field wired
3. All Drawings are for illustrative purposes only. Consult with qualified licensed electrician for electrical installation.



All drawings are for illustrative purposes only

SINGLE PHASE 240 VOLT WIRING DIAGRAMS



INITIAL START-UP AND CHECKOUT

1. Turn on control. Follow specific instructions provided with controls.
2. Steam will begin to appear in approximately 5 minutes at the steam head. Steam will shut off when desired temperature is reached and will automatically resume when room temperature drops below set point.
3. Steam will shut off automatically when control counts down to zero. To shut steam off manually, turn control OFF. To clear steam from enclosure area, turn shower on before opening door.
4. If unit does not start and control does not turn ON (control display does not light up) then turn breaker off for 20 seconds and try again.
5. Check all internal and external plumbing fittings for leaks while the steam is on.

TROUBLESHOOTING

⚠ WARNING All electrical troubleshooting to be performed by a qualified licensed electrician

IMPORTANT NOTE: The model and serial number is printed on the data plate on the front of the steam bath generator.

Step 1

Check main incoming power to the unit.

Step 2

Ensure the black wires from the primary side of the transformer are connected to the quick connect tabs on the line side of the contactor.

Step 3

Verify that you have 24VAC coming out of the transformer, WHT & WHT/BLU wires, into the board.

Step 4

Verify that you have the green light on the PC board.

Step 5

Push the white test button to run the generator for 10 minute test cycle. Make sure the steam room is empty.

Step 6

Verify that you have 24 VAC to the water feed solenoid, GRY & WHT/GRY wires (will fill when needed).

Step 7

Temporarily short out the WLS (Purple wire) and GND (Green wire) terminals and verify the contactor engages.

Step 8

When the red light is on, verify 24 VAC, RED & WHT/RED wires, to the contactor.

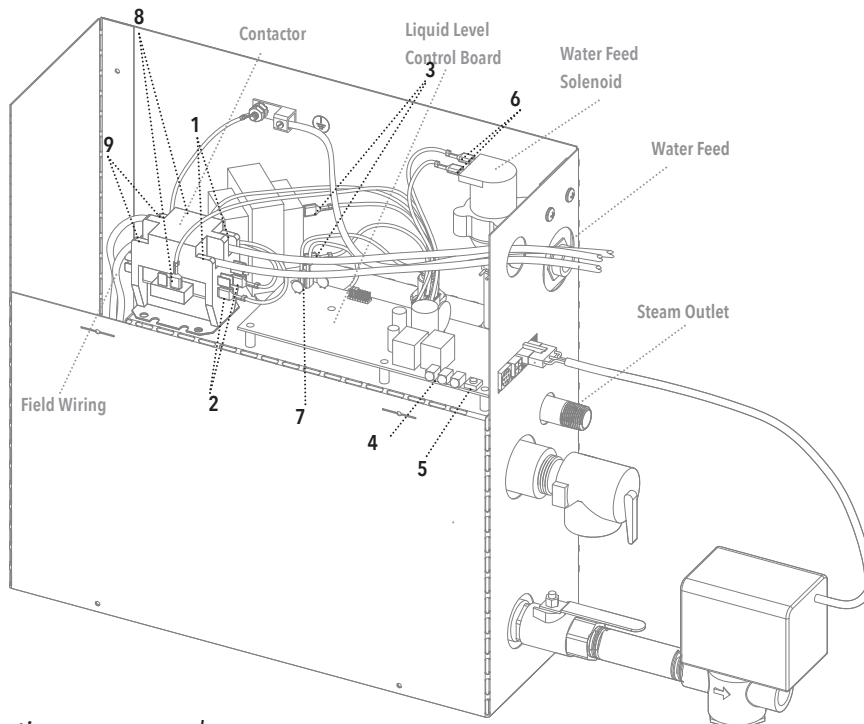
Step 9

Check main voltage on the load side of the contactor when it is engaged.

Step 10

If all steps on the power path were verified, turn off power to the unit and pull the heating element via the left hand access panel for inspection.

DO NOT disassemble internal components, internal components contain no serviceable parts.



All drawings are for illustrative purposes only

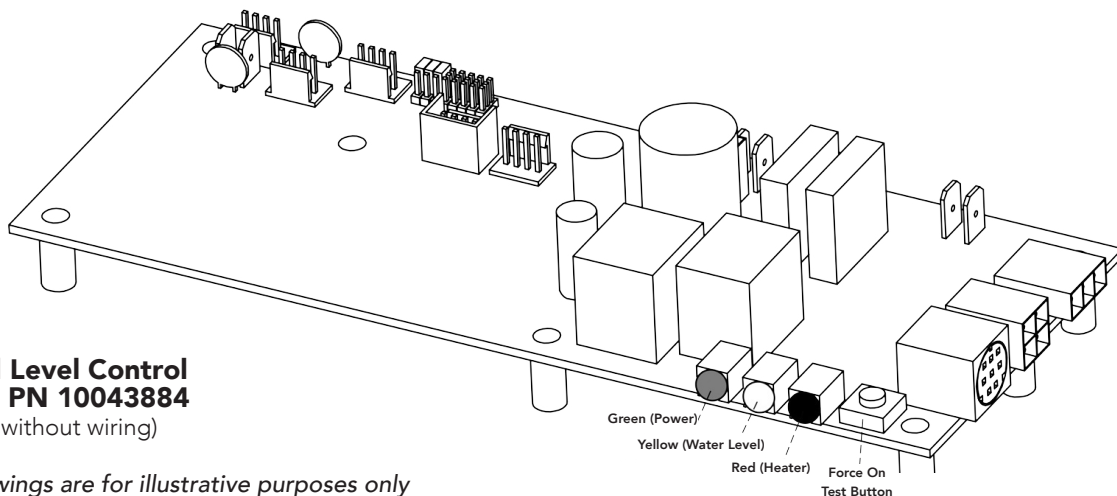
SYSTEM STATUS CODES

The control may display a status code if the steam generator is not functioning properly.

Code	Code Meaning	Probable Cause	Suggested Remedy
H20	Water level is not satisfied within 6 minutes	Water Supply is off	Turn on Water Supply
		Defective water feed solenoid	Check/replace water solenoid valve
		Water feed probe not functioning	Check/clean probe. Check probe wiring.
		Drain Valve Open	Check/Close drain valve
		AutoFlush not functioning	Check/Replace AutoFlush
Prr1 or Prr2	Temperature Probe Error	Control cable/cable cut	Replace control cable
		Internal Problem with control	Replace control
Err1	Incorrect Field Supply Voltage correct (green light on liquid level control board will be off)	Incorrect voltage supplied to Generator	Supply steam generator with the voltage noted on the data plate label.
Err2	Button on control is pressed for more than 5 minutes	Control cover misalignment	Remove and reinstall control cover
		Debris behind control cover	Remove control cover and clean cover, control and keypad with a damp cloth
Err7	Liquid Level Control Board malfunction	Memory error in LLCB	Press ON/OFF to clear. Replace control if code remains.

LIQUID LEVEL CONTROL BOARD Explanation of LED Indicators

GREEN	LED is ON when there is 208/240 Volt incoming power connected, 24 Volt transformer secondary output and on-board 5 Volt DC control power are present.
YELLOW	Water level indicator-LED is OFF when no water is detected (for more that 5 seconds). ON when water level is satisfactory. For units with AutoFlush, if more than five hours have elapsed since last usage and this LED is ON it is indicative of an AutoFlush or water level probe circuit malfunction.
RED	Contacting relay indicator-LED is ON when relay is closed and sending 24 Volts to the contactor coil. (This LED comes ON if the generator is ON.)
FORCE ON TEST BUTTON	Press this button to operate the generator. This button is for trouble shooting only and will operate if a control is connected or not. Pressing the button again will shut the generator OFF. The test button will only allow the generator to operate for 10 minutes.



Liquid Level Control Board PN 10043884
(shown without wiring)

All drawings are for illustrative purposes only

OPTIONAL AUTOMATIC DRAIN®

Box Contents

Automatic Drain Valve with Cord
Installation Instructions

OPERATION

The optional Automatic Drain System feature automatically drains the ABG generator following each use. A time delay allows the water to cool down (about two hours) before it drains by gravity for a safe and gentle operation.

INSTALLATION INSTRUCTIONS

1. Plumbing to be performed by a qualified plumber and shall be in accordance with applicable national and local codes. Unit drains by gravity. A drain line that is lower than the Automatic Drain assembly must be available. The Automatic Drain valve outlet is 1/2" NPT. Check plumbing code for receptor, trap and vent requirements.
2. Use copper or brass nipple 1/2" NPT x 3 1/2" or longer (not supplied) to connect Automatic Drain valve (end "B") to the Drain Valve (valve end "A" and "B" are indicated on bottom of AutoFlush Valve)

CAUTION DO NOT REMOVE THE DRAIN VALVE Removal may cause equipment and property damage. If there is not enough room for the valve, an elbow and a short nipple (not provided) can be added.

3. Open Drain Valve (handle must be aligned with brass nipple).
4. Connect the Automatic Drain valve cord connector to the three pin connector as shown.
5. The Automatic Drain valve must be installed within the orientation range shown.

WARNING DO NOT drain into a steam enclosure or any location where accidental contact with drain water may occur. In the event of a power failure the Automatic Drain valve will open and may discharge boiling water causing a scalding hazard.

SWEAT FITTINGS

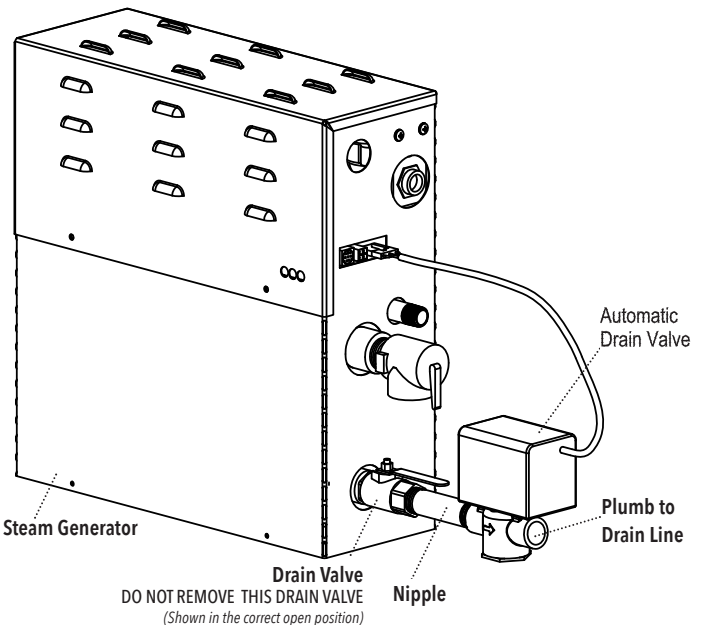
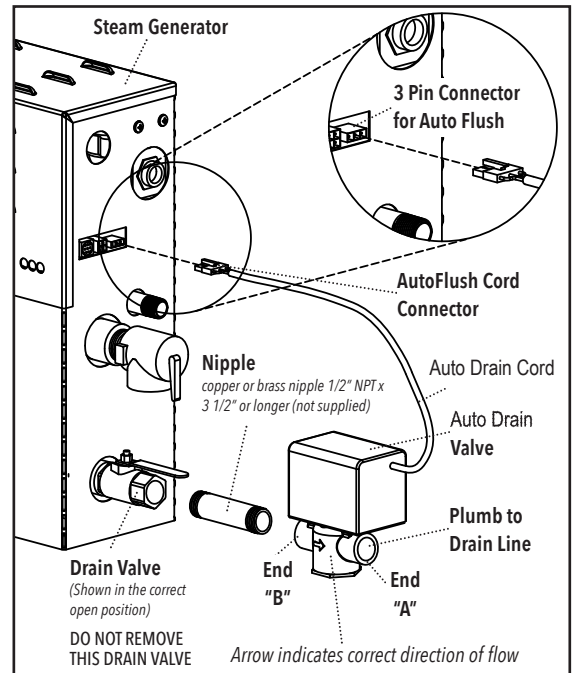
When using sweat fittings use only tin base solder with a melting point below 600 degrees F. DO NOT overheat. Ends of water supply tubing must be thoroughly clean for a minimum distance of 1" from ends. DO NOT remove valve cover.

TO CHECK OPERATION

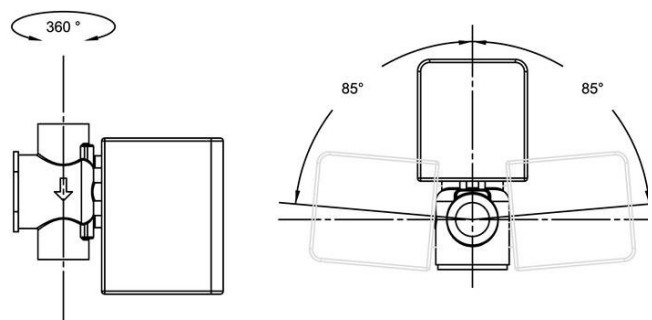
1. Turn on control and allow tank to fill with water.
2. Turn off control. Water should stay in tank.
3. Turn off power at the panel box. Water should discharge from tank.
4. Turn on power at panel box.
5. Repeat

PROVIDE DRAIN PLUMBING ACCORDING TO LOCAL CODES.
PLUMB AS REQUIRED FOR AUTOMATIC DRAIN VALVE.

All drawings are for illustrative purposes only



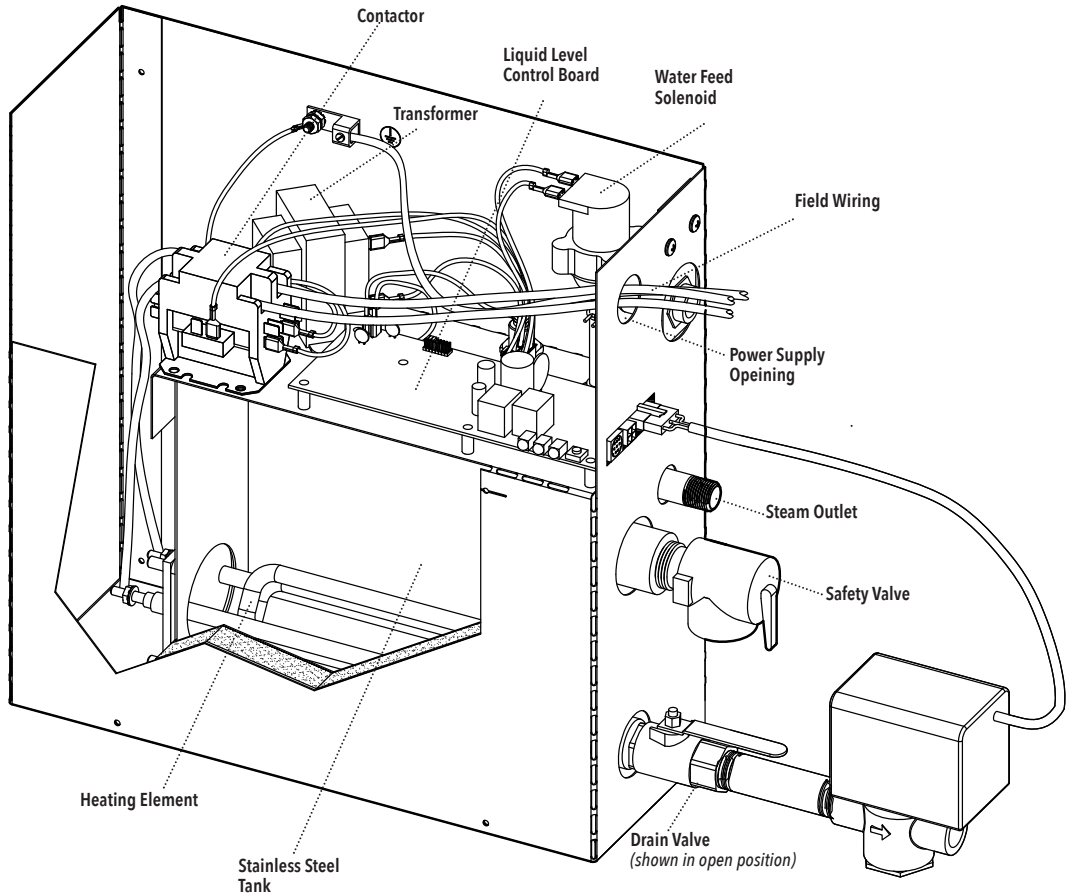
Automatic Drain Valve Shown Fully Assembled



PARTS IDENTIFICATION DIAGRAMS

NOTICE

FOR ILLUSTRATIVE PURPOSES ONLY.
Some components may be omitted or altered for clarity. DO NOT use for wiring, repair or other purposes not related to component identification.



REPLACEMENT PARTS LIST

Part No.	Description
10043890	Drain Valve
10043891	Safety Valve 15PSI
10043887	Water Feed Solenoid Valve
10043886	Transformer 24VAC
10043884	Liquid Level Control Board
10043893	Optional Control Cable (60 ft.)
10025818	Control Cable (30 ft.)
10043888	Contactors 50A 2-pole
10043883	Probe Assembly
10043882	Heating Element 5 KW 240V Single Phase
10043885	Element wire (2 per)
10043889	Wiring harness
10025471	Automatic Drain valve
10043892-001	Replacement control
10043894-001	Replacement steamhead

CONTROL INSTALLATION

Refer to Control Manual for specific installation requirements

BEFORE INSTALLING

Turn power to the steam generator OFF before connecting the control to the generator. Failure to turn the power off will result in an inoperable control.

To avoid unintentional steambath operation, DO NOT locate the control where other controls, accessories, shower heads, valves, body sprays or similar within the shower could cause confusion or interfere with the ABG control's intended use and function.

DO NOT controls without reading and understanding its own manual and the ABG steam generator Installation and Operation Manual. Failure to read and understand these instructions may result in an inoperative or hazardous installation.

A peel and stick warning sticker must be read and permanently affixed in a conspicuous location near the steam room. Failure to read and affix this warning sticker in a conspicuous location may result in serious injury or death. .

Install the controls according to installation instructions. Failure to install according to instructions will result in an inoperative control or hazardous overheating or inadequate heating of the steam room.

DO NOT route control wiring inside conduit together with power lines or close to hot water or steam piping. Doing so may result in an inoperative or hazardous installation.

DO NOT alter or modify any ABG product. Doing so may result in an inoperative or hazardous installation and will void the UL listing and warranty.

IMPORTANT NOTES:

1. Turn power to the steam generator OFF before connecting the control to the generator. Failure to turn the power off will result in an inoperable control.
2. DO NOT operate controls with other than a ABG compatible steam generator. ABG residential steam generators with serial numbers lower than 900000, or any other brand of steam generator are not to be operated with controls. Doing so may result in an inoperative or hazardous installation.
3. This document contains important safety, operation and maintenance information. Leave this document with the homeowner. Do not discard this document.
4. Discontinue use of the steam generator or control if the steam generator is damaged or otherwise not functioning properly. Operating a damaged steam generator may result in an inoperative or hazardous installation

CONTROL ROUGH IN

Refer to Installation Instructions for the specific control

IMPORTANT NOTE: The control cable should be run in a dedicated 1" conduit to facilitate installation and service.

1. Determine the desired installation location of the control. The controls are designed to be installed inside or outside the steam room as a matter of personal preference. If the control is installed inside the steam room the control must be located:
 2. 4 - 5 feet above the floor near the bather seating area.
 3. The control features an integral temperature sensor. Locate the control in a location representative of the desired steam bathing temperatures. DO NOT locate the control above or near the steam head or direct steam emissions.

4. On a vertical wall

The control cable length is 30 feet. Insure that the control and/or steam generator are located accordingly. An optional 60 foot cable is available, PN 10043893. Contact a ABG technical service representative if a 60 foot cable is required. Excess control cable should be neatly coiled and twisted into a figure 8. The maximum cable length is 60 feet.

Installation Instructions for Steam Generator Control

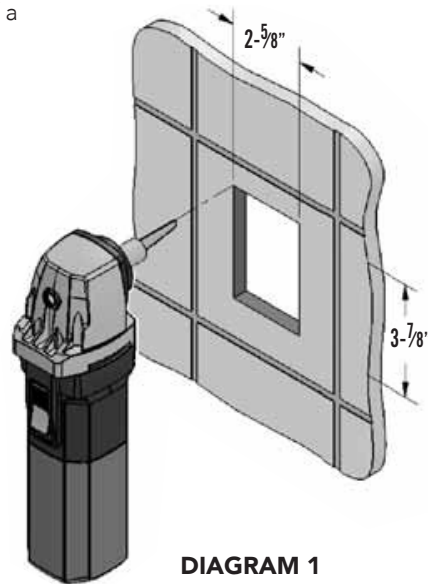
NOTE: The connector is keyed with the flat facing up. The control cable is the same at both ends.

Step 1

Determine the desired installation location of the control. The controls are designed to be installed inside or outside the steam room as a matter of personal preference. If the control is installed inside the steam room the control must be located:

- 4-5 feet above the floor near the bather seating area.
- The control features an integral temperature sensor. Locate the control in a location representative of the desired steam bathing temperatures. Do not locate the control above or near the steam head or direct steam emissions. Locating the controls near the steamhead or near direct steam emissions may result in poor steam room temperature control.
- On a vertical wall
- The control cable length is 30 feet. Insure that the control and/or steam generator are located accordingly. Contact technical service representative if a longer cable is required.

IMPORTANT NOTE: The control cable should be run in a dedicated 1" conduit to facilitate installation and service. Be careful not to strain, staple, pinch or otherwise damage the control cable. Route cable as required to permit replacement. Do not route cable inside conduit together with power lines or close to hot water or steam piping.



Step 2

Diagram 1

Make a 2-5/8" wide by 3-7/8" high cutout in the desired control location. Do not oversize or under size the cutout. Prior to cutting the area to be cut out should be covered with masking tape to protect the finished surface. The hole shall be cut from the finished side of the material.

Step3

Diagram 2

Route the control cable (provided with the control) from the wall cutout to the steam generator. Connect one end of the cable to the steam generator connector.

NOTE: The connector is keyed with the flat facing up. The control cable is the same at both ends.

Step 4

Diagram 3

Firmly connect the other end of the cable to the control. Turn on power to the steam generator and test the control to verify correct connections. Test per the instructions on pages 10-15. With verification of proper control function, proceed to Step 5.

CAUTION If the generator is on for more than a few minutes steam will start coming out of the steamhead. Insure that the steam room is not occupied.

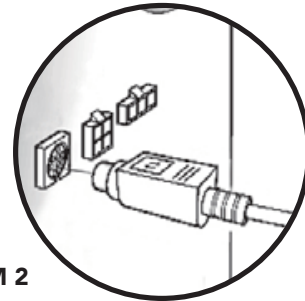


DIAGRAM 2

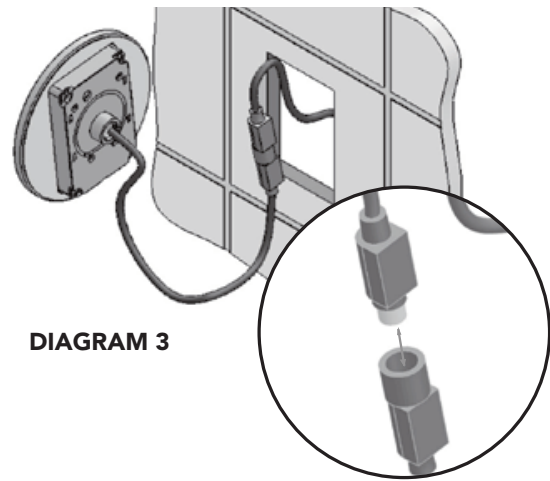


DIAGRAM 3

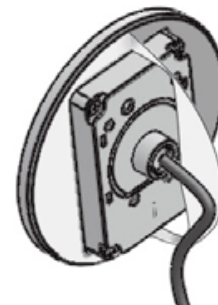


DIAGRAM 4

STEP 5 Diagram 4

Remove and discard peel-off paper to expose adhesive liner.

STEP 6 Diagram 4

Run a bead of silicone (provided) as shown to the outer edge of the control faceplate, following the contour of the circle or square shape. Use silicone as required to create a moisture seal.

NOTE: The silicone supplied by ABG can be used to meet a variety of sealing and gasketing. It cures to silicone rubber and adheres to glass, wood, metal, porcelain, ceramic tile, painted surfaces, many plastics and rubber. Surfaces must be clean and dry. Apply thin layer of product. Fit together and support if necessary. Allow excess material to cure, then trim with a sharp blade. Sealant "skins" in 5 minutes, dries to touch in 1 hour. Fully cures and bonds in 24 hrs.

IMPORTANT NOTE: Do not apply excessive amounts of silicone. Do not apply silicone to any other parts of the control including the adhesive gasket.

STEP 7 Diagram 6

Insure the mounting surface is clean and dry as required for good adhesion. Hold the control with the LED display in the 12 o'clock position and press the control against the wall until the adhesive sticks

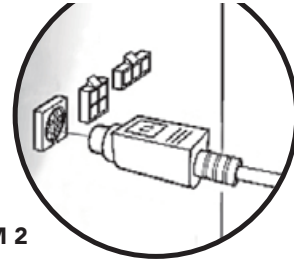


DIAGRAM 2

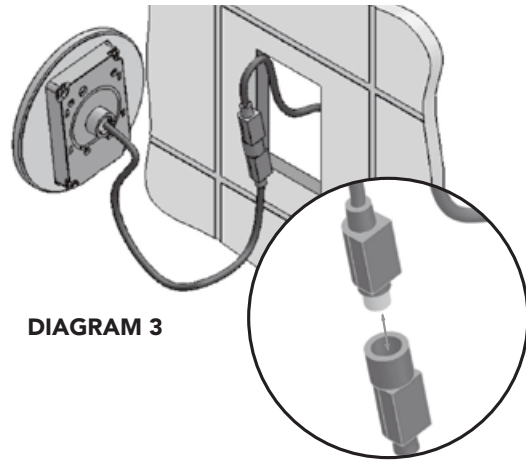


DIAGRAM 3

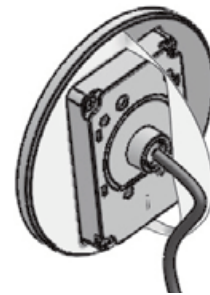


DIAGRAM 4

H O M E O W N E R S E C T I O N

READ ME FIRST!

⚠️ WARNING As you follow these instructions, you will notice warning and caution symbols. This blocked information is important for the safe and efficient installation and operation of this generator. These are types of potential hazards that may occur during installation & operation:

⚠️ WARNING Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

⚠️ CAUTION Indicates a potentially hazardous situation, which, if not avoided may result in minor or moderate injury or product damage.

NOTICE is used to address practices not related to physical injury.

IMPORTANT NOTE:

This highlights information that is especially relevant to a problem-free installation. All information in these instructions is based on the latest product information available at the time of publication. ABG reserves the right to make changes at any time without notice.

HYPERTHERMIA occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting.

The effects of hyperthermia include:

- Failure to perceive heat;
- Failure to recognize the need to exit the steambath;
- Unawareness of impending risk;
- Fetal damage in pregnant women;
- Physical inability to exit the steambath and
- Unconsciousness.

The use of alcohol, drugs, or medication can greatly increase the risk of hyperthermia.

When using this steam bath equipment, basic safety precautions should always be followed, including the following:

IMPORTANT SAFETY INSTRUCTIONS

1. READ AND FOLLOW ALL INSTRUCTIONS

2. ⚠️ WARNING

Supervise children at all times.

3. ⚠️ WARNING

Steam is hot and can cause injury or death if improperly used. Steam rooms contain steam and elevated temperatures. Please read and observe all warnings in this manual before installing or using a steam room.

4. ⚠️ WARNING

To reduce the risk of injury:

- The wet surfaces of steam enclosures may be slippery. Use care when entering or leaving.
- The steam head is hot. DO NOT touch the steam head and avoid the steam near the steam head.
- Prolonged use of the steam system can raise excessively the internal human body temperature and impair the body's ability to regulate its internal temperature (hyperthermia). Limit your use of steam to 10-15

minutes until you are certain of your body's reaction.

- Excessive temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnancy or possibly pregnant women should consult a physician regarding correct exposure.
- Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a steambath.
- Persons using medication should consult a physician before using a steambath since some medication may induce drowsiness while other medications may affect heart rate, blood pressure and circulation.

SAVE THESE INSTRUCTIONS

⚠️ WARNING The peel and stick warning label located in this manual is an essential part of providing a safe environment for steam room users. The peel and stick warning label must be applied to the wall of the shower or steam enclosure, at a point that is visible to all users. Failure to install this sticker may result in serious injury or death. The location where this owner's manual is kept shall be written in the space provided on the label using permanent ink.

⚠️ WARNING

REDUCE THE RISK OF OVERHEATING AND SCALDING

- EXIT IMMEDIATELY IF UNCOMFORTABLE, DIZZY OR SLEEPY. STAYING TOO LONG IN A HEATED AREA IS CAPABLE OF CAUSING OVERHEATING.
- SUPERVISE CHILDREN AT ALL TIMES.
- CHECK WITH A DOCTOR BEFORE USE IF PREGNANT, DIABETIC, IN POOR HEALTH OR UNDER MEDICAL CARE.
- BREATHING HEATED AIR IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL, DRUGS, OR MEDICATION IS CAPABLE OF CAUSING UNCONSCIOUSNESS.
- DO NOT CONTACT STEAM HEAD OR STEAM AT THE STEAM HEAD.

REDUCE THE RISK OF SLIPPING AND FALL INJURY

- USE CARE WHEN ENTERING OR EXITING THE STEAM ROOM. FLOOR MAY BE SLIPPERY

NOTE: FOR ADDITIONAL SAFETY CONSIDERATIONS SEE OWNER'S MANUAL WHICH IS KEPT:

USE OF STEAM ROOM IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL CAN BE DANGEROUS AND CAN RESULT IN INJURY THROUGH SLIP AND FALL OR OTHERWISE.

PUR100378PL 3.22

Not Actual Size

SETTING THE STEAM BATH TEMPERATURE

⚠️ WARNING Set the steam bathing temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting to gauge comfort and safety levels. This will allow the steam generator to heat up and begin producing steam.

SAFETY AND OPERATING INFORMATION

⚠️ WARNING DO NOT controls without reading and understanding the ABG steam generator Installation and Operation Manual. Failure to read and understand these instructions may result in an inoperative or hazardous installation.

⚠️ WARNING The peel and stick warning sticker located in this manual must be read and permanently affixed in a conspicuous location near the steam room. Failure to read and affix this warning sticker in a conspicuous location may result in serious injury or death.

If control is installed outside the steam room a Remote Temperature Probe must be installed inside the steam room per installation instructions supplied with the Remote Temperature Probe. Failure to install according to instructions will result in an inoperative control and overheating of the steam room.

⚠️ WARNING To prevent slip and fall hazards non-slip strips must be installed on the steam room floor.

⚠️ WARNING DO NOT alter or modify any ABG product. Doing so may result in an inoperative or hazardous installation and will void the UL listing and warranty.

IMPORTANT NOTES: Malfunction due to power spikes, lightning, fire, freezing or flooding is not covered under the warranty.

Discontinue use of the steam generator or control if the steam generator is damaged or otherwise not functioning properly. Doing so may result in an inoperative or hazardous condition.

CARE TIPS FOR ALL CONTROLS AND STEAMHEADS

1. Use only mild soap and water on a soft cloth to clean the control and steamhead.
2. DO NOT use abrasive cleansers.
3. If the decorative cover is damaged on the Control call ABG technical service for replacement parts.

NOTICE Replacement of the decorative covers requires removal and reinstallation of the control from the mounting surfaces.

STEAM GENERATOR MAINTENANCE

ABG steambath generators require little maintenance. Other than periodic draining, maintenance procedures are minimal. Every 2 months, or more often in "hard" water areas, the manual drain valve should be opened fully flushing out accumulated materials, salts and other particles which are natural by products of boiling water.

⚠️ CAUTION Flush a minimum of two-three hours after the control has been turned off to insure that the water has cooled.

⚠️ WARNING Draining immediately after a steam cycle may expose PVC and other piping to high temperature water. Check local codes. The unit will refill automatically when the control is activated again. In areas of hard water, a ABG AutoFlush system is recommended for generator longevity.

⚠️ WARNING Failure to allow the water to cool will expose the equipment and user to scalding water and cause property and personal injury.

IMPORTANT NOTE: The model and serial number is printed on the data plate on the front of the steam bath generator.

USING ABG ESSENTIAL OILS

Enjoy Aroma essential oils by placing a drop or two into an unheated steamhead as shown in the illustration. Only use ABG essential oils in the ABG steamhead.

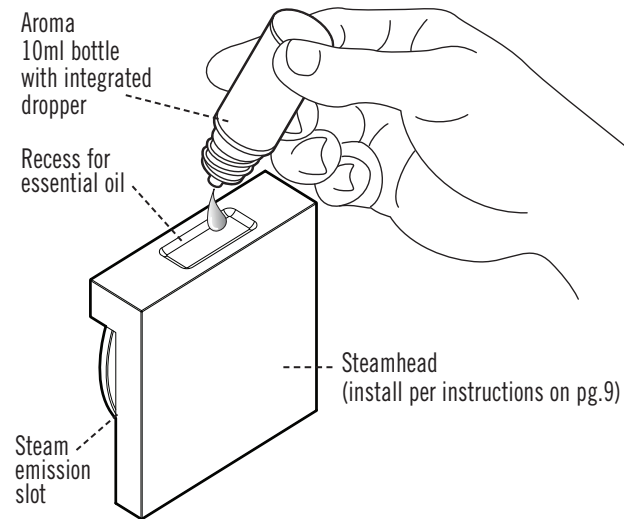
⚠ WARNING Essential oils and/or aroma therapy can cause inflammation, burns, headache, nausea and allergic reactions. Consult a physician before using aromatherapy.

⚠ CAUTION (Items 1-4)

1. Use essential oils with caution. Essential oils are for external use only. Keep out of reach of children. Essential oils are highly concentrated and are potent substances and should not be applied directly to the skin as they can be irritants. Use essential oils with caution.
2. Place the drops into the ABG steamhead recess prior to turning on the steambath. DO NOT place drops in a hot steam head as serious injury can result if you do not follow this warning.
3. Start with one drop to gauge strength and suitability. Limit to a maximum of a few drops for a steam bathing session.
4. The bather should exit the steambath IMMEDIATELY if dizziness occurs. If skin irritation occurs stop using the oils immediately. Remove any excess oil by washing in mild soap and water. If ingested, rinse mouth with water. Administer water or milk to dilute. Contact a physician immediately.

⚠ CAUTION Aromatic oils should be added to steamhead before turning on the steambath unit. DO NOT add oil during steam bathing or when the steam head is heated.

Tightly close bottles when storing oils. Keep bottles away from sources of ignition.



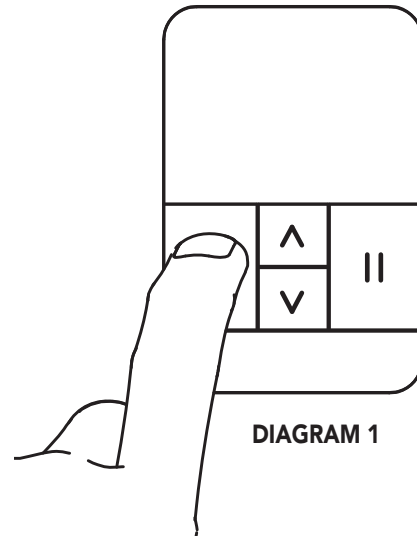
Operating Instructions

The Control features programmable digital temperature control, a fixed (60) minute duration, ON/OFF and PAUSE. The control can be set at a temperature range from 80°F up to 120°F

⚠ WARNING Set the steam bathing temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting for a very short duration to gauge comfort and safety levels.

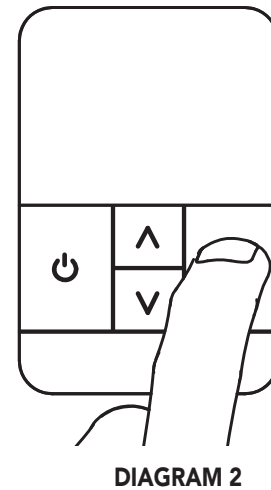
ON/OFF Diagram 1

Press the ON/OFF key to start or stop the flow of steam. Steam will begin to flow a few minutes after the control is turned ON. The duration required for the steam room to reach steam bathing temperatures depends on the steam room construction and steam generator specifications. Steam may continue to flow for a short time after the control is turned OFF.



PAUSE feature Diagram 2

If a pause in steam flow is desired press the PAUSE key. The display will flash while the control is in the PAUSE mode. The timer will continue to countdown while in the PAUSE mode. Steam may continue to flow for a short time after pause is pressed.



Products, information and specifications are subject to change without notice.
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