

# INSTALLATION INSTRUCTIONS

**IMPORTANT: PROPER BACKING MATERIAL AND MOUNTING HARDWARE MUST BE USED TO MOUNT THIS SHOWER SEAT FOR SAFE USE AND AS REQUIRED BY A.D.A. GUIDELINES.**

*Your Shower seat should be installed as an assembled unit.*

**PLEASE READ THESE INSTALLATION INSTRUCTIONS THOROUGHLY PRIOR TO INSTALLING THE SEAT TO IDENTIFY THE TOOLS RECOMMENDED FOR INSTALLATION, AS WELL AS THE MOUNTING HARDWARE REQUIRED TO COMPLETE THE INSTALLATION.**

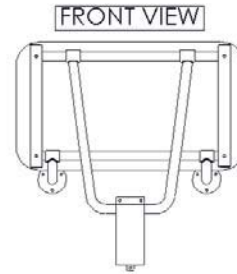
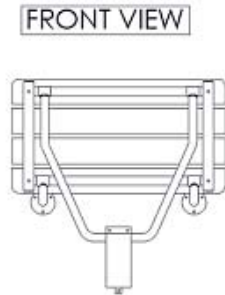
**WEIGHT CAPACITY: SSL, SSR or SSB MODELS MEET ADA CODE REQUIREMENTS (250 Lbs. of Force) WHEN PROPERLY INSTALLED.**

1. Determine whether the seat has a phenolic or naugahyde cushion seat top.

## PHENOLIC

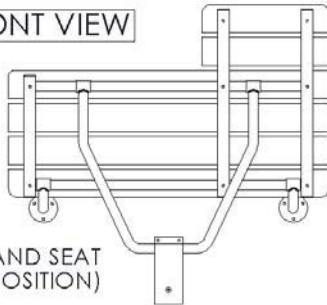
## NAUGAHYDE

SLATTED SEAT  
(SHOWN IN  
RAISED POSITION)



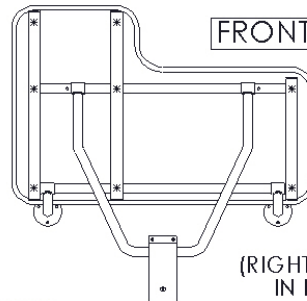
CUSHION SEAT  
(SHOWN IN  
RAISED POSITION)

FRONT VIEW



(LEFT HAND SEAT  
SHOWN IN RAISED POSITION)

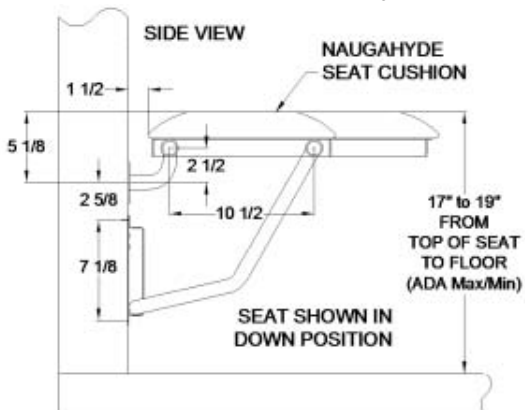
FRONT VIEW



(RIGHT HAND SEAT SHOWN  
IN RAISED POSITION)

2. Determine seat height from the floor and location relative to the inside back wall.

*ADA regulations specify a finished seat height of 17" to 19" above the finished floor and 1½" of clearance between the seat edge and the side wall.*



Ensure that the appropriate finished seat height line is at the desired height and is level.

Verify that the seat edge is at the desired distance from the side wall and is level and plumb.

Upon selecting the height & location of the seat, mark a horizontal line at the height. **Be sure the line is horizontal and level to the floor.**

**3. Determine the location of the Mounting Flanges.... This will vary depending upon the Width of the Seat and if the seat top is Phenolic, Padded Naugahyde or HDPE material.**

After marking the height of the seat, the next line to establish is a vertical center line (c/l). To determine the c/l, it is one-half (1/2) of the width of the seat plus 1-1/2" clearance from the side wall to the edge of the seat.

That c/l is the following for each width of seat:

18" wide...	10-1/2" c/l	Measured from the Side Wall
22" wide	12-1/2" c/l	Measured from the Side Wall
24" wide	13-1/2" c/l	Measured from the Side Wall
26" wide	14-1/2" c/l	Measured from the Side Wall
28" wide	15-1/2" c/l	Measured from the Side Wall
30" wide	16-1/2" c/l	Measured from the Side Wall
32" wide	17-1/2" c/l	Measured from the Side Wall

*Example:*

Set the height of the seat at 19" from the floor, and the width 32" (17-1/2" c/l)

- a. Scribe a short vertical line 17-1/2" from the inside wall on the 19" horizontal finished seat height line.
- b. Next, determine the mounting position of the 3" dia. flanges. To do this you need to know the material of your seat, that being Phenolic, Padded Naugahyde or HDPE.

If your seat is 1/2" Phenolic or HDPE, the horizontal line for mounting the 3" dia. mounting flanges is **3-5/8"** below the horizontal height line for the top of the Phenolic or HDPE seat. (See Diagram 3A).

If your seat is Padded Naugahyde, the horizontal line for mounting the 3" dia. mounting flanges is **5-1/8"** below the horizontal height line for the top of the Padded Naugahyde seat. (See Diagram 3B).

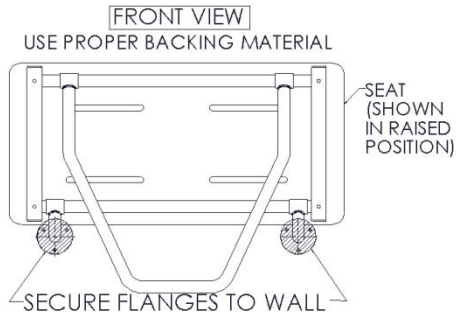
- c. Draw the new 5-1/8" or 3-5/8" horizontal line approximately 24" long.
- d. On this new established horizontal line, you will determine the c/l location for each of the 3" dia. mounting flanges. Those two new c/l locations for the 3" dia. mounting flanges will depend upon the width of your seat. The following table shows the **left & right** distances from the vertical c/l to the c/l for each of the 3" dia. mounting flanges.

<u>Width of Seat</u>	<u>Left &amp; Right c/l dimensions for each 3" dia. Flange</u>
18"	5-3/4"
22"	7-1/4"
24"	7-1/4"
26"	9-1/8"
28"	9-1/8"
30"	11-1/2"
32"	11-1/2"

- f. Utilizing the round paper template provided for the 3" dia. flanges, place the template on each of the newly established c/l's and mark each of the three (3) mounting holes for each of the flanges.

Refer to the information in the **BACKING MATERIALS** Section and use the suitable diameter drill and drill the six (6) holes for the mounting flanges.

## 4. Mounting the seat to the wall.



Holding the seat assembly in an upright and raised position against the wall, tightly secure the two mounting flanges to the wall **AND INTO PROPER BACKING MATERIAL**, using mounting hardware suitable for your specific mounting application.

### **Backing Materials**

*For installations where concealed in-wall backing material is:*

- **Wood with 2" minimum thickness:**  
Use 1/8" diameter drill & drill 6 holes 2" deep.  
**Procure (8) #10-24 x 2½" stainless steel screws** (not supplied by manufacturer) to secure mounting flanges to the wall.
- **Minimum 12 ga. steel anchor plate:**  
Use #0.147" drill & drill through steel plate. Tap holes to #10-24 NC.  
**Procure (8) #10-24 x 2½" stainless steel screws** (not supplied by manufacturer) to secure mounting flanges to the wall.

***Use reinforced backing behind wall where mounting screws or anchoring devices are installed to ensure adequate support for the shower seat. All anchoring devices must be appropriate for specific wall construction. Severe personal injury and / or property damage may result from improper mounting.***

## 5. Determining the Location of the mounting holes for the Guide Bracket:

- a. Using the Guide Bracket as a template, locate the Guide Bracket on the established c/l of the seat. Locate the top two holes in the Guide Bracket, **2-5/8"** (c/l) below the horizontal line for the mounting flanges. Mark the two top holes and the bottom hole. (See Diagram 5A).
- b. Drill the two top holes for the Guide Bracket according to the Backing Materials Information above (Section 4).
- c. **DO NOT DRILL A HOLE** for the bottom tab hole of the Guide Bracket. Use the 1" Flat Head Stainless steel screw that is provided.

Place the Guide Bracket around the Leg Support tube and secure the Guide Bracket at the two top mounting holes with suitable hardware.

- a. For wood backing, **procure** two (2) #10-24 x 2-1/2" stainless steel screws (not provided).
- b. For 12ga. steel backing, **procure** two (2) #10-24 x 2-1/2" stainless steel screws (not provided) to secure the Guide Bracket to the wall.

Utilizing the #10 x 1" Oval Head stainless steel screw, place and secure the screw into the bottom hole.

***THIS COMPLETES THE INSTALLATION OF THE SSL, SSR or SSB SHOWER SEAT.***

***THIS SHOWER SEAT IS PROUDLY MADE IN AMERICA.***

**Recommended tools required for installing the seat where there is concealed, in-wall wood backing:**

Tape measure, clear tape, 1/4" power drill, 1/4" carbide tip drill (if you have tile, marble or granite surface), 1/4" plain drill (if you have acrylic or fiberglass surface), 1/8" plain drill, pen or pencil, center punch, level, hammer, phillips head screw driver.

**Recommended tools required for installing the seat where there is concealed, in-wall steel backing:**

Add a 0.147" drill bit and a #10-24-NC Tap to the list of tools above.

17" to 19" Finished Mounting Height for Naugahyde Seat Top

17" to 19" Finished Mounting Height for Phenolic / HDPE Seat Top

$\frac{1}{2}$ "

$\frac{5}{8}$ "

$\frac{1}{5}$ "

3" Dia

1" Dia. Hole

Ø2.317

Bolt Circle

(Wingnuts Compatible)

Ø0.265<sup>+0.010</sup>  
<sub>-0.000</sub>  
(3 Plcs)

120° (typ)

Shower Seat Mounting Flange Template

