

GATE INSTALLATION INSTRUCTIONS

- 1) Ensure posts for gate are fully installed. Posts need to be securely fastened to decking or concrete such that they will not sag with weight of the gate.

For a single gate:

$$\text{Inside-Inside Gate Span} = \text{Gate Panel Width} + 1\text{-}1/2''$$

i.e. A 34.5" wide gate panel can be used to achieve a 36" post opening (inside-inside).

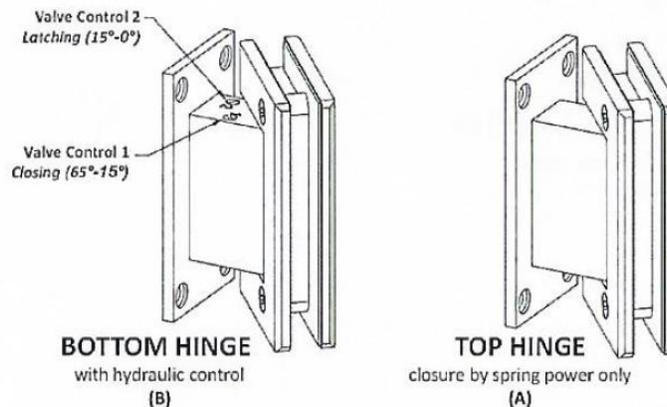
For a double gate:

$$\text{Inside-Inside Gate Span} = \text{Operating Panel Width} + \text{Semi-Fixed Panel Width} + 7/8''$$

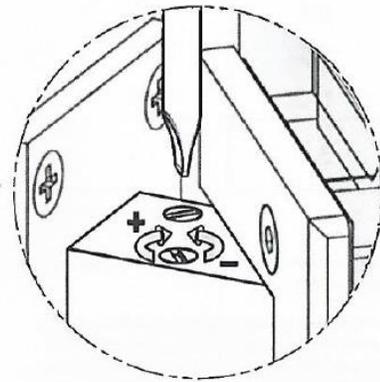
i.e. A 34.5" wide operating gate panel and a 36.614" wide semi-fixed panel can be used to achieve a 72" post opening (inside-inside).

- 2) Install gate hinges onto glass panel. Install the hinge with hydraulic control (set screw valves) as the bottom hinge.

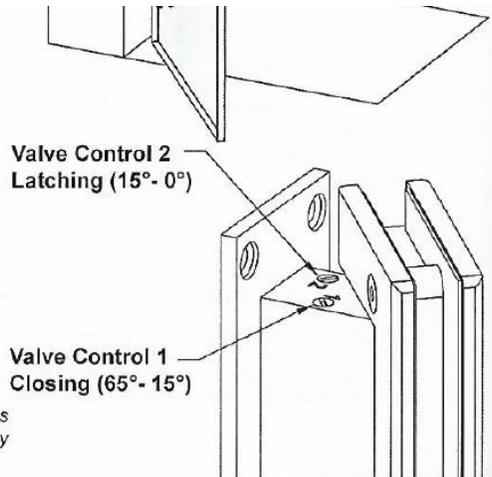
Hinge Package always comes in set of 2 hinges – one hinge (B) with hydraulic control and one hinge (A) with spring loaded only.



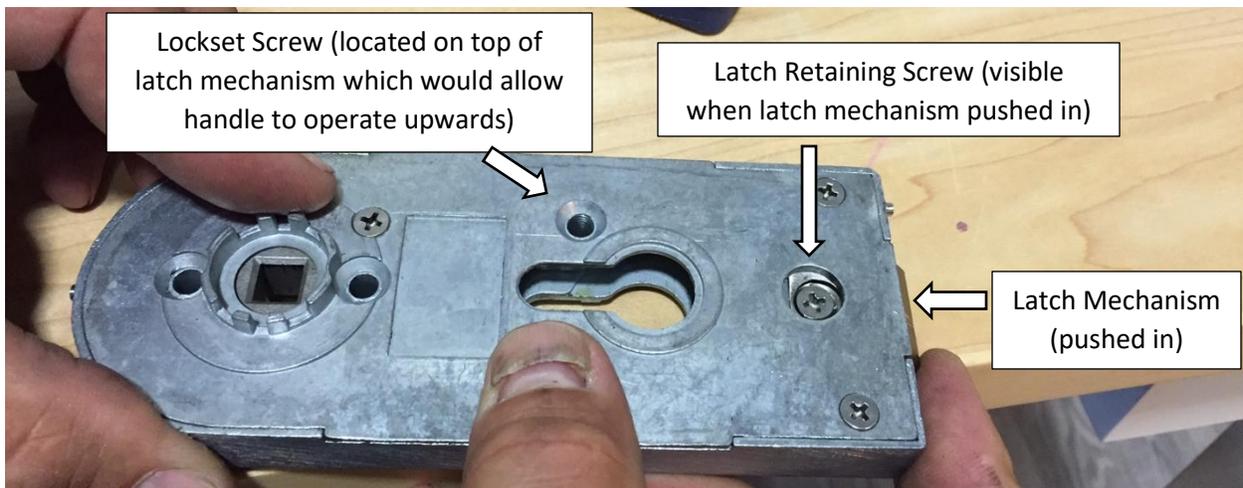
- 3) Position the glass panel with hinges on the post such that the top of the glass is at the required rail height and/or at the same height as the other railing panels. At this position, mark on the post where the fasteners for the hinges should be drilled.
- 4) If necessary, predrill holes in post for fasteners. Use fasteners to install hinges onto post.
- 5) Remove plastic retaining block on hinges and adjust closing speed of hinges. If strong latch action is not necessary, always adjust the closing speed by valve 1 only.



WARNING: Do not over loosen the screw valves and this will damage hydraulic flow path. Warranty will be void if screw valves are over loosened.



- 6) Install gate latch onto glass panel.
 - a. Latch mechanism cover & latch backing cover are retained by (3) Allen set screws each (Allen key provided). Turn screws clockwise to loosen completely. Remove covers.

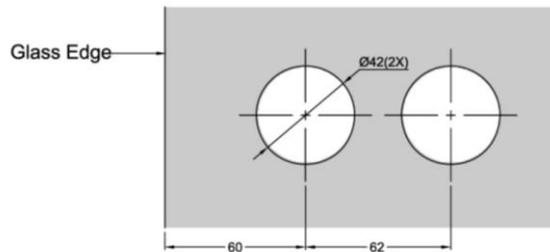


- b. Insert male handle temporarily into latch mechanism. Handle should be installed such that it is not covering key hole. Determine orientation of handle by operating. If desired handle movement is to be operated down then lockset screw should be on bottom of latch mechanism. If desired male handle to operate upwards, position lockset screw on top of latch mechanism.
 - c. Left & right operation of gate can be altered by flipping latch mechanism 180°. If need be, actual latch mechanism can also be turned 180° by pushing in latch mechanism manually, whereby exposing a retaining screw. Loosen retaining screw then flip latch mechanism 180° and replace latch mechanism screw.
 - d. At this point, confirm that the operation of the male handle is still in the correct orientation. Assemble latch mechanism, gaskets, glass, and latch

backing sandwiching the glass between these parts and securing with latch mechanism backing screws. Align latch mechanism with edge of glass less 1/8" to make room for cover.

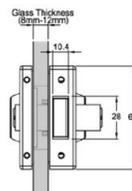
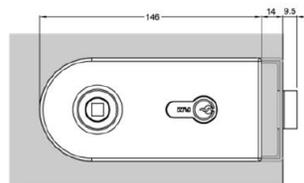
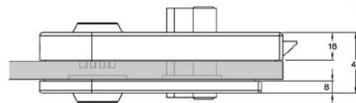
- e. Install lockset through latch mechanism and latch backing and secure with lockset screw. Either on top or bottom orientation depending on left or right gate orientation. Attempt operating of lockset with keys to ensure a smooth operation of lockset. If keys do not operate smoothly, re-adjust alignment of all parts.
- f. At this point latch mechanism cover and latch backing cover can be installed. Once in place, to retain and position covers properly remember to turn Allen keys counter clockwise to secure covers. Some alignment may be needed by alternating left and right adjustment of set screws.
- g. Install male handle through one handle grommet, through assembled latch mechanism, install second handle grommet and insert female handle into male end. Tighten Allen screw to secure handle parts. If safety button is to be utilized replace male handle with male safety button and place safety button on side of gate latch that you need to secure young children.

Glass Preparation



CL311S Central Lock

- Single Action
- Lock complete with PM88(55) Euro-profile Key Cylinder
- Lever handle options of LH01 or LH02
- Finish : Satin Stainless Steel



FOR SINGLE GATES

- 7) Position the latch keeper on the post. Keeper should be positioned such that the self closing hinges of the panel allow it to fully close with the latch engaged in the keeper. Once keeper is positioned, predrill for fasteners if required, then secure keeper to post using fasteners.
- 8) If required, horizontal slots in latch keeper allow for some horizontal adjustment. To reposition, loosen fasteners to allow for adjustment then tighten.



FOR DOUBLE GATES

- 5) Install hinges onto semi-fixed panel and install onto opposite post (same as steps 2 - 5).
- 6) Install semi-fixed panel keeper & drop-leg bolt onto semi-fixed panel.

