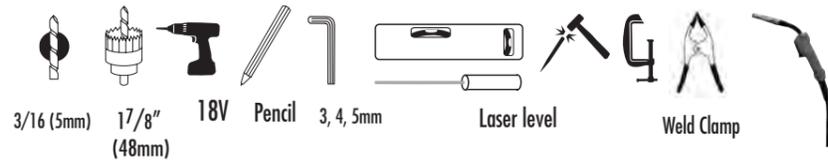


Installation Instructions

Center Mount Models	Hole diameter	Min Post Size
SM S (or W)	17/8" (48mm)	2 1/2" (64mm)
57 S (or W)	17/8" (48mm)	2 1/2" (64mm)
57SF S (or W)	17/8" (48mm)	2 1/2" (64mm)
108 S (or W)	17/8" (48mm)	3" (75mm)
108SF S (or W)	17/8" (48mm)	3" (75mm)

SCREW-ON & WELD-ON CENTER MOUNT MODELS



NOTE: For Screw-on models use #14 countersunk fasteners.

NOTE: If using SM hinge, always install at bottom of gate. 57 and 108 models should be installed on top.

1 MARKING HEIGHTS
HINGE GAP: 2 1/2-3" (64-75mm)
Mark hinge center lines
Support Blocks
Ensure post is vertical in the front and side elevations

2 MARK TOP & BOTTOM BRACKETS ON POST
Laser level
Drill 17/8" (48mm) holes in post.
NOTE: Apply corrosion protection to exposed metal surfaces.

3 FASTEN BRACKETS
3/16 (5mm)
For welding installations, general field welding operations with suitable heat transfer controls, clean up and rust protection procedures should be followed. See **CAUTION** advice next page.

4 ASSEMBLE HINGE TO POST BRACKET
NOTE: Apply grease to hinge threads to help prevent water from entering post.
Rotate hinge onto Bracket.
Back-off hinge so adjustment nozzle is facing upward.

5
Mark pencil lines around top and bottom Gate Bracket on the gate frame.

6
Place the Tool in front hole for leverage. Rotate the Bracket 90°. Remove screws and slide Gate Bracket away from hinge.

7
Return SF model to this position before refitting bracket. Tighten nozzle to slow movement and use smooth edge crescent wrench.
IMPORTANT: 57/108 models: Position raised ridge horizontal to fence post.

8
3/16" (5mm)
Mark holes in Bracket with a pencil. Center punch, drill and fix to gate.
WELD-ON MODELS
Protect hinge from weld spatter.
For welding installations, general field welding operations with suitable heat transfer controls, clean up and rust protection procedures should be followed. See **CAUTION** advice on next page.

9
Slide gate bracket back onto 57 and 108 closer from same side of fence removed from. SF models refer to Step 7.
Fasten Top and Bottom screws.

10
Rotate adjustment ring for correct horizontal gap. Ensure gate is level.

Installation Instructions



ADJUSTING THE CLOSING SPEED AND FINAL 'SNAP' ACTION (108 ONLY)

CAUTION: Sensitive adjustment, rotate 1/4 turn at a time.

V=Closing Speed

S=Final Snap Action

Turn nozzles clockwise to decrease speed & counterclockwise to increase speed.

If using a 57+57 or 108+108 combination, each closer must have equal closing speed at all times.



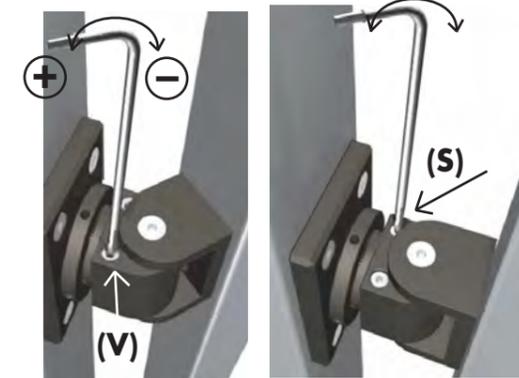
IMPORTANT: Use dimple to determine how far nozzle has turned.

DO NOT turn adjustment nozzles more than 2 complete rotations.

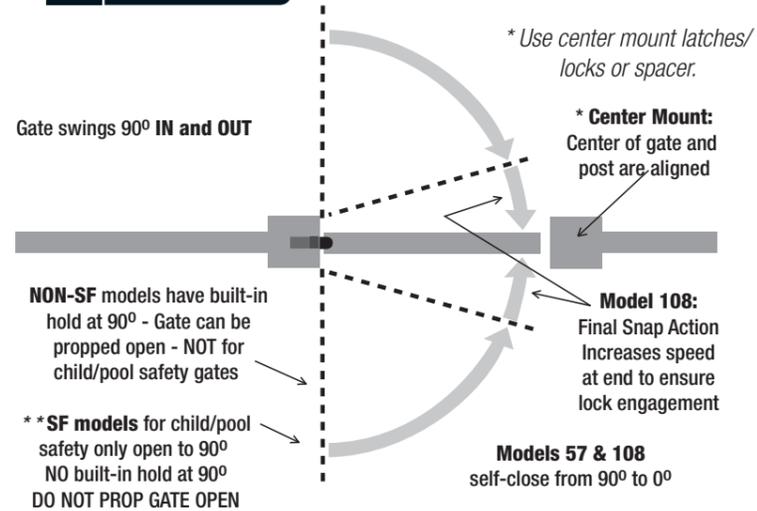
DO NOT unscrew nozzle past the surface of the body.

CAUTION:

DO NOT remove adjustment nozzles or disassemble hinge. Doing so voids warranty.



CENTER MOUNTING



Swimming Pool Gates for AU/NZ

Distance between hinges 35 1/2" (900mm) minimum

SF models have 5 dimples for identification

**** CAUTION:** When used on swimming pool gates, always consult local authorities for swimming pool Codes.

MAINTENANCE REQUIREMENTS

- Never use more than two (2) SureClose hinge/closers on any one gate.
- Remove all other types of hinges and self-closing devices.
- Always install SM hinge at bottom of gate and 57 or 108 closer on top.
- Ensure the gate does not swing through the line of the fence. Use a "gate stop" or a latch (with striker) to prevent this.
- All steel mounting brackets (gate and post) should be painted or powder coated. Spray painting is recommended.
- The anodized aluminum mounting brackets do not need finishing, but they may be painted or powder coated.
- DO NOT powder coat the hinge/closer, but they may be painted.
- DO NOT unscrew nozzle past the surface of the body.
- DO NOT turn the adjustment nozzles more than two (2) full rotations.
- DO NOT remove the adjustment nozzles or disassemble these hinges at any time. Doing so voids warranty.
- Ensure the hinges are kept free of sand, ice and other debris that could impair effective operation.

CAUTION: Overheating any SureClose product during welding may cause failure and will void warranty. To ensure threads on mounting bracket are not deformed, weld one surface at a time and alternate between top and bottom hinge. Finish with appropriate corrosion protection, avoiding thread contamination.

2 YEAR LIMITED WARRANTY:

For a downloadable Adobe Acrobat (.PDF) version of our 2 YEAR LIMITED WARRANTY, go to our website at www.ddtechglobal.com



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