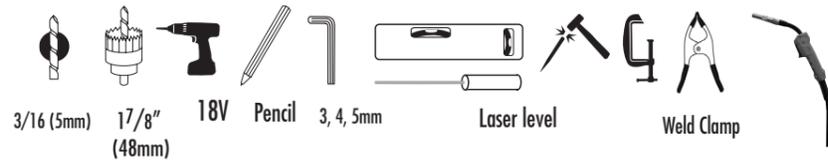


Installation Instructions

| 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

❖ For Swimming Pool Gates in AU/NZ (see Page 2)

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)

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.

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 Support Blocks

Using the supplied tool, rotate adjustment ring for correct horizontal gap. Ensure gate is level.

11 WELD-ON MODELS

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.

Protect hinge from weld spatter.

CAUTION: Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.

Installation Instructions



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

CAUTION: Sensitive adjustment, rotate MAX 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 3 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

Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.

** Use center mount latches/locks or spacer.*

*** Center Mount:** Center of gate and post are aligned

Gate swings 90° IN and OUT

NON-SF models have built-in hold at 90° - Gate can be propped open - NOT for child/pool safety gates

*** SF models for child/pool safety only open to 90° NO built-in hold at 90° DO NOT PROP GATE OPEN**

Model 108: Final Snap Action Increases speed at end to ensure lock engagement

Models 57 & 108 self-close from 90° to 0°

❖ 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**
- Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.
 - 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



Installation Instructions



| Flush Mount Models | Hole diameter | Min Post Size |
|--------------------|----------------|---------------|
| SM AT90 S | 1 9/16" (40mm) | 2" (50mm) |
| 57 AT90 S | 1 9/16" (40mm) | 2" (50mm) |
| 57SF AT90 S | 1 9/16" (40mm) | 2" (50mm) |
| 108 AT90 S | 1 9/16" (40mm) | 3" (75mm) |
| 108SF AT90 S | 1 9/16" (40mm) | 3" (75mm) |



NOTE: If using SM hinge, always install at bottom of gate. 57 and 108 models should be installed on top. Use #14 countersunk fasteners.

FLUSH MOUNT MODELS - SCREW-ON

1 DETERMINE THE HANDING

2 MARKING HEIGHTS

GAP: 5/16" - 1/2" (8-13mm)

For Swimming Pool Gates in AU/NZ (see Page 2)

3 MARK HINGE BRACKET LOCATION ON GATE FRAME

4 FASTEN, CENTERED ON SET SCREW

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.

5 MARK TOP AND BOTTOM BRACKETS ON POST

NOTE: Apply corrosion protection to exposed metal surfaces.

6 SCREW POST BRACKET ONTO HINGE

NOTE: Apply grease to hinge threads to prevent water from entering post.

7 ASSEMBLE HINGE TO BRACKETS ON GATE

8 REPLACE HINGE PINS AND INSERT INTO POST

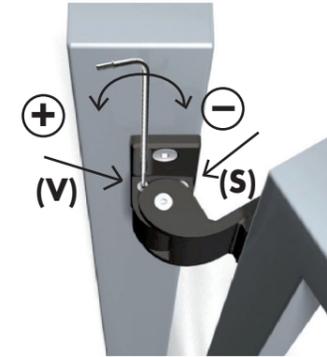
9 FASTEN BRACKETS TO FENCE POST

10 SET SCREW

Installation Instructions



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



CAUTION: Sensitive adjustment, rotate MAX 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:

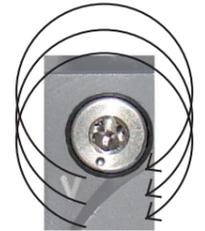
Use dimple to determine how far nozzle has turned.

DO NOT turn adjustment nozzles more than 3 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.



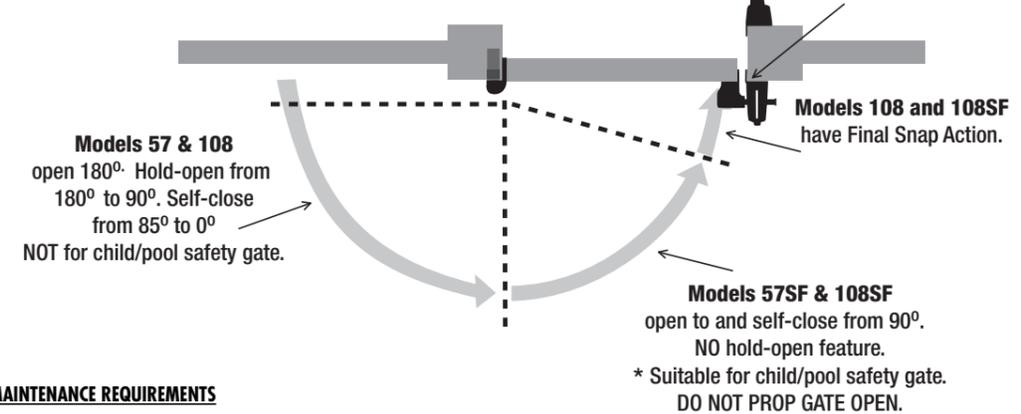
SUREClose Flush Mount Screw-On



Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.

Use flush mount latches/locks.

Flush Mount
Face of gate and post are aligned



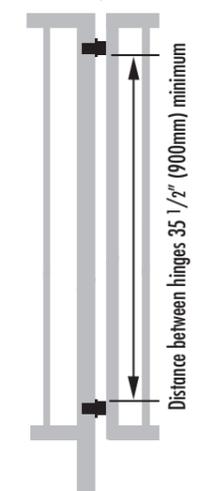
MAINTENANCE REQUIREMENTS

- Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.
- 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 turn the adjustment nozzles more than two (2) full rotations.
- DO NOT unscrew nozzle past the surface of the body.
- 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.

SF models have 5 dimples for identification



Swimming Pool Gates AU/NZ

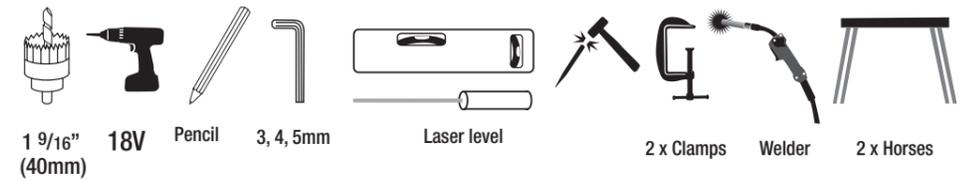


CAUTION: When used on swimming pool gates, always consult local authorities for swimming pool Codes.



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



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

FLUSH MOUNT WELD-ON

1 DETERMINE THE HANDING

Adjustment Nozzles must be on top

Remove Gate Bracket

2 MARKING HEIGHTS

GAP: 5/16" - 1/2" (8-13mm)

Mark hinge center lines

Support Blocks

Ensure post is vertical in the front and side elevations

Swimming Pool Gates AU/NZ

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

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

3 MARK TOP AND BOTTOM BRACKETS ON POST

Laser Level

7/8" - 1 1/16" (22-27mm)

Ensure drill hole will clear the post wall thickness.

NOTE: Apply corrosion protection to exposed metal surfaces.

Drill 1 9/16" (40mm) holes top and bottom

4 CLAMP POST BRACKET INTO PLACE

5 DO NOT WELD RESTRICTED AREA

6 WELD ONE SURFACE ONLY AND MOVE TO BOTTOM HINGE

7 CORRECT WELDING SEQUENCE TO PREVENT BRACKET OVERHEATING AND THREAD WARPING

8 ENSURE BRACKET IS COOL BEFORE INSERTING HINGE

9 REPLACE HINGE BRACKET

Ensure adjustment nozzles are facing upwards

10 POSITION GATE LEVEL

11 TACK WELD BRACKET ONTO GATE

CAUTION: A Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.

12 REMOVE GATE AND COMPLETE WELDING - ALLOW COOLING

13 REPLACE GATE AND FASTEN THE TWO PINS

Ensure adjustment nozzles are facing upwards

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

CAUTION: Sensitive adjustment, rotate MAX 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 3 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.

2 YEAR LIMITED WARRANTY

MAINTENANCE REQUIREMENTS

- A Gate stop must be installed when using SF models. Gate must not be allowed to open past 90°. Doing so voids warranty.
- Never use more than two (2) SureClose hinge/closers on any one gate.
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- 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. Do not weld in restricted area. Finish with appropriate corrosion protection, avoiding thread contamination.