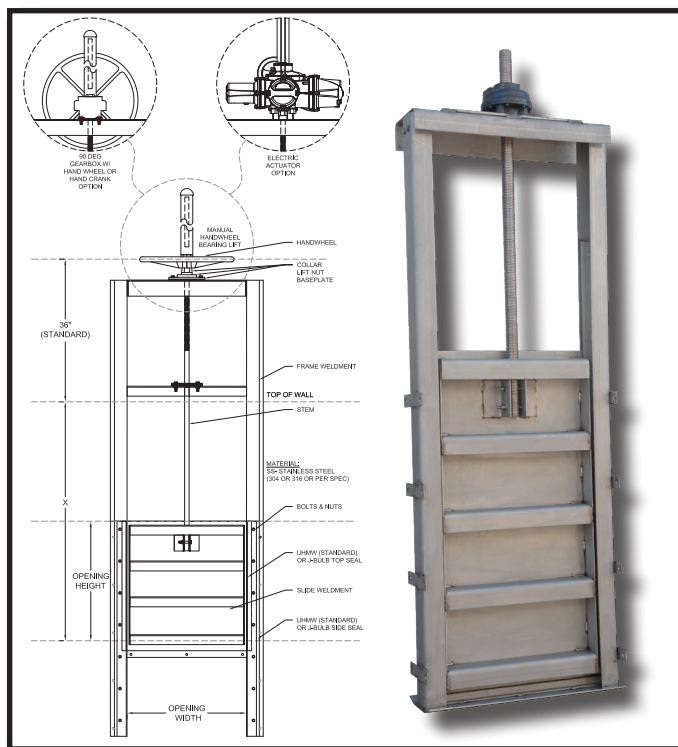




MUNICIPAL WATER CONTROL PRODUCTS

FC-SS-SERIES STAINLESS STEEL SLIDE & WEIR GATES



STANDARD FEATURES

Models: FC-SS & FC-SS-DO

- Replaceable UHMW Self Adjusting Seals Top & Sides (Available with J-Bulb Seals)
- All Stainless Steel Construction
- On-Seating / Off-Seating Head Configurations
- Flush Bottom for Watertight Seal
- Reinforced Slide
- Easy Open / Easy Close Handwheel
- Electrical Operation Available
- Gear Actuator Available
- Pneumatic Actuator Available
- Rolled Threads on Stem
- Available with Non-Rising Stem
- Available In Downward Opening Weir
- Available in Light, Medium, & Heavy Duty
- Environmentally friendly
- Non environmentally degrading
- No toxic paints or coatings

**ALL GATES ENGINEERED PER HEAD PRESSURE
SPECIFICATION REQUIREMENT**

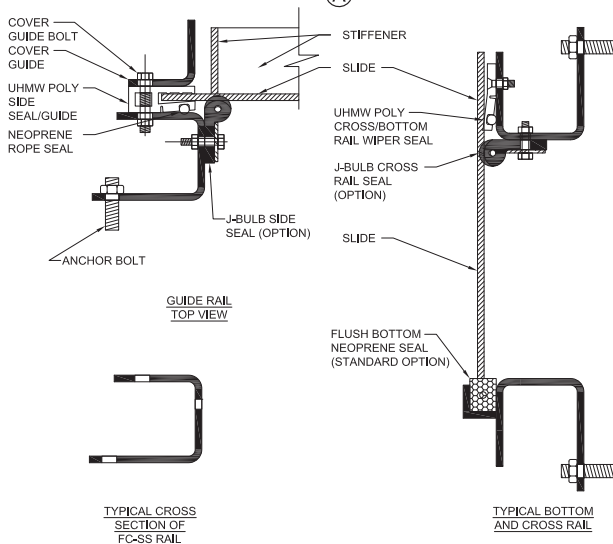
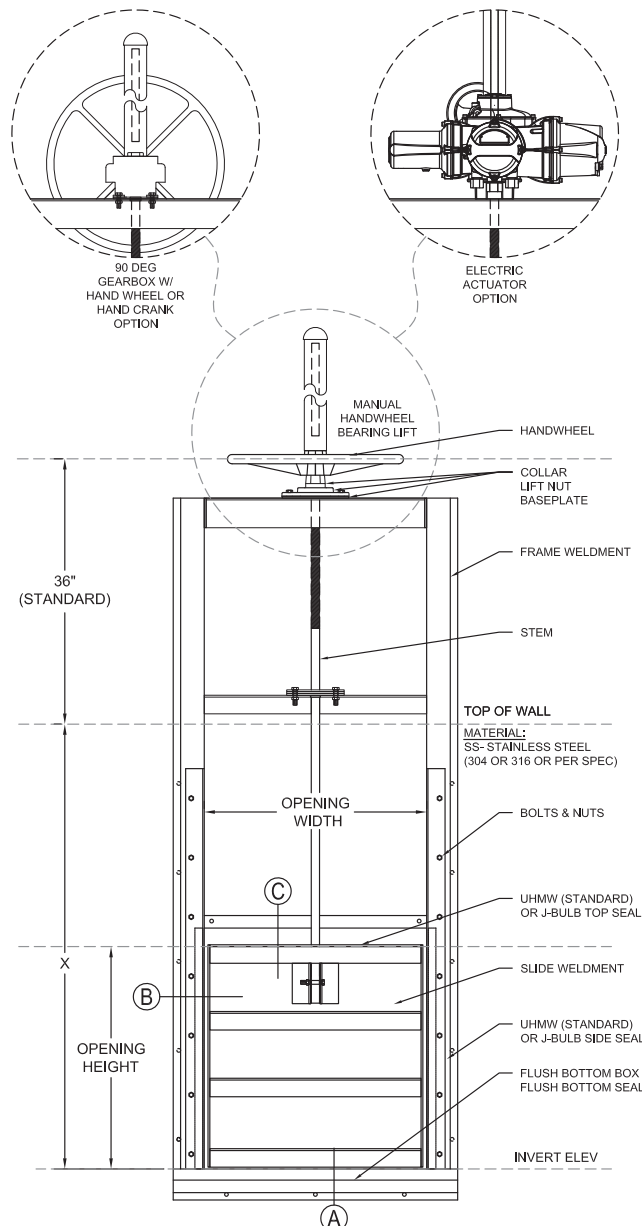
**REQUEST OUR FC-SS BROCHURE FOR ALL AVAILABLE
OPTIONS FOR THIS GATE SERIES.**

Mechanical Associates' stainless steel and aluminum gates provide long life and excellent value for the investment. Installation is quick and easy. All gates come standard with replaceable seals for easy maintenance. Stainless steel and aluminum construction will provide long life in corrosive conditions, with little or no maintenance or replacement parts required.

Also available from Mechanical Associates
Line Gates, Slide Gates, Pressure Gates, Canal Gates, Flap Gates, and more..



STAINLESS STEEL SLIDE GATE FC-SS



STANDARD FEATURES:

- All Stainless Steel Construction
- UHMW Self Adjusting Seals Top & Sides
- Seating or Off Seating Head Configurations
- Flush Bottom Neoprene for Watertight Seal
- Reinforced Slide
- Rolled Threads on Stem
- Manual Lift with Handwheel
- Easy Open / Easy Close Handwheel Actuator
- Environmentally friendly
- Non environmentally degrading
- No toxic paints or coatings

LIFT OPTIONS:

- Electric Actuator
- Geared Roller Bearing Actuator
- Manual Roller Bearing Actuator
- Pneumatic Actuator
- Non-Rising Stem

MOUNTING OPTIONS:

- Flush Mount
- Embedded
- In-Channel
- Wall Thimble
- Spigot
- Pipe Flange

FRAME OPTIONS:

- Configuration 1 Light To Medium Duty
- Configuration 2 Heavy duty
- Self Contained
- Non-Self Contained
- Downward Opening

SEAL OPTIONS:

- Neoprene Or EPDM J-Bulb Seals

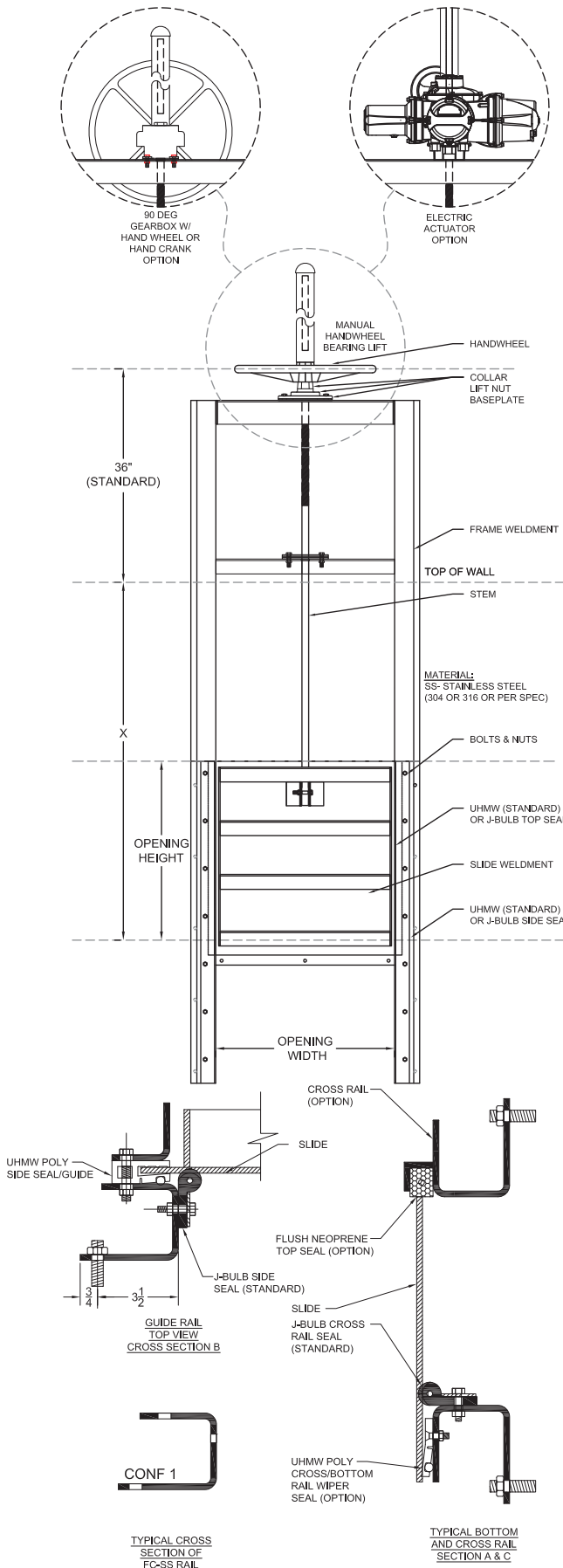
PARTS & MATERIALS

| | |
|----------------------|--|
| Handwheel | Cast Iron: ASTM-A126 CL. B |
| Lift Nut | Commercial Bronze |
| Collar | Cast Iron: ASTM-A126 CL. B |
| Base Plate | Aluminum Alloy 6061-T6 |
| Bolts & Nuts | Stainless Steel ASTM A-240 TY.304 or 316 |
| Stem | Stainless Steel ASTM A-240 TY.304 or 316 |
| Frame Weldment | Stainless Steel ASTM A-240 TY.304 or 316 |
| Slide Weldment | Stainless Steel ASTM A-240 TY.304 or 316 |
| Flush Bottom Box | Stainless Steel ASTM A-240 TY.304 or 316 |
| Flush Bottom Seal | Neoprene Rubber: ASTM D-2000 |
| Poly Seal | UHMW |
| J-Bulb Seal (option) | Neoprene Rubber: ASTM D-2000 |

FC-SS SLIDE GATE

REV 08.23.15

STAINLESS STEEL DOWNWARD OPENING WEIR GATE FC-SS-DO



STANDARD FEATURES:

- All Stainless Steel Construction
- UHMW Self Adjusting Seals Top & Sides
- Seating or Off Seating Head Configurations
- Flush Bottom Neoprene for Watertight Seal
- Reinforced Slide
- Rolled Threads on Stem
- Manual Lift with Handwheel
- Easy Open / Easy Close Handwheel Actuator
- Environmentally friendly
- Non environmentally degrading
- No toxic paints or coatings

LIFT OPTIONS:

- Electric Actuator
- Geared Roller Bearing Actuator
- Manual Roller Bearing Actuator
- Pneumatic Actuator
- Non-Rising Stem

MOUNTING OPTIONS:

- Flush Mount
- Embedded
- In-Channel
- Wall Thimble
- Spigot
- Pipe Flange

FRAME OPTIONS:

- Configuration 1 Light To Medium Duty
- Configuration 2 Heavy duty
- Self Contained
- Non-Self Contained
- Downward Opening

SEAL OPTIONS:

- Neoprene Or EPDM J-Bulb Seals

PARTS & MATERIALS

| | |
|----------------------|--|
| Handwheel | Cast Iron: ASTM-A126 CL. B |
| Lift Nut | Commercial Bronze |
| Collar | Cast Iron: ASTM-A126 CL. B |
| Base Plate | Aluminum Alloy 6061-T6 |
| Bolts & Nuts | Stainless Steel ASTM A-240 TY.304 or 316 |
| Stem | Stainless Steel ASTM A-240 TY.304 or 316 |
| Frame Weldment | Stainless Steel ASTM A-240 TY.304 or 316 |
| Slide Weldment | Stainless Steel ASTM A-240 TY.304 or 316 |
| Flush Bottom Box | Stainless Steel ASTM A-240 TY.304 or 316 |
| Flush Bottom Seal | Neoprene Rubber: ASTM D-2000 |
| Poly Seal | UHMW |
| J-Bulb Seal (option) | Neoprene Rubber: ASTM D-2000 |

FC-SS SLIDE GATE

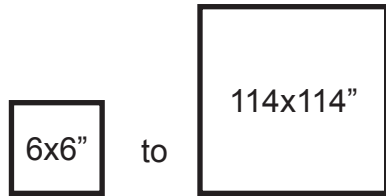
REV 08.23.15

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TECHNICAL SPECIFICATIONS

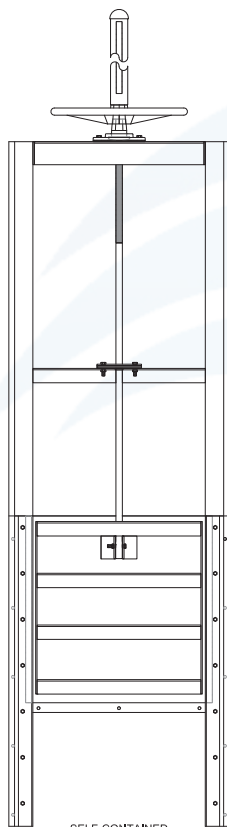
FC-SS STAINLESS STEEL SLIDE & WEIR GATES



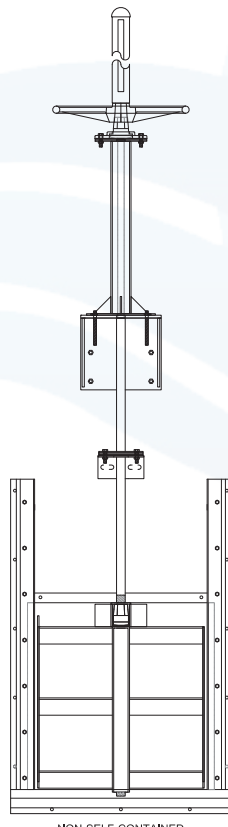
The FC-SS Slide Gate is available in any variation of sizes from 6x6" to 114x114". Please contact us about your custom needs.

| | WIDTH | | | | | | | | | | |
|--------|-------|-----|-----|------|------|------|------|------|------|------|-------|
| | 6 | 8 | 10 | 12 | 16 | 20 | 24 | 36 | 48 | 60 | 114 |
| HEIGHT | 6 | 36 | 48 | 60 | 72 | 96 | 120 | 144 | 216 | 288 | 684 |
| | 8 | 48 | 64 | 80 | 96 | 128 | 160 | 192 | 288 | 384 | 912 |
| | 10 | 60 | 80 | 100 | 120 | 160 | 200 | 240 | 360 | 480 | 1140 |
| | 12 | 72 | 96 | 120 | 144 | 192 | 240 | 288 | 432 | 576 | 1368 |
| | 16 | 96 | 128 | 160 | 192 | 256 | 320 | 384 | 576 | 768 | 1824 |
| | 20 | 120 | 160 | 200 | 240 | 384 | 400 | 480 | 720 | 960 | 2280 |
| | 24 | 144 | 192 | 240 | 288 | 320 | 480 | 576 | 864 | 1152 | 2736 |
| | 36 | 216 | 288 | 360 | 432 | 576 | 720 | 864 | 1296 | 1728 | 4104 |
| | 48 | 288 | 384 | 480 | 576 | 768 | 960 | 1152 | 1728 | 2304 | 5472 |
| | 60 | 360 | 480 | 600 | 720 | 960 | 1200 | 1440 | 2160 | 2880 | 6840 |
| | 96 | 576 | 768 | 960 | 1152 | 1536 | 1920 | 2304 | 3456 | 4608 | 10944 |
| | 114 | 684 | 912 | 1140 | 1368 | 1824 | 2280 | 2736 | 4104 | 5472 | 12996 |

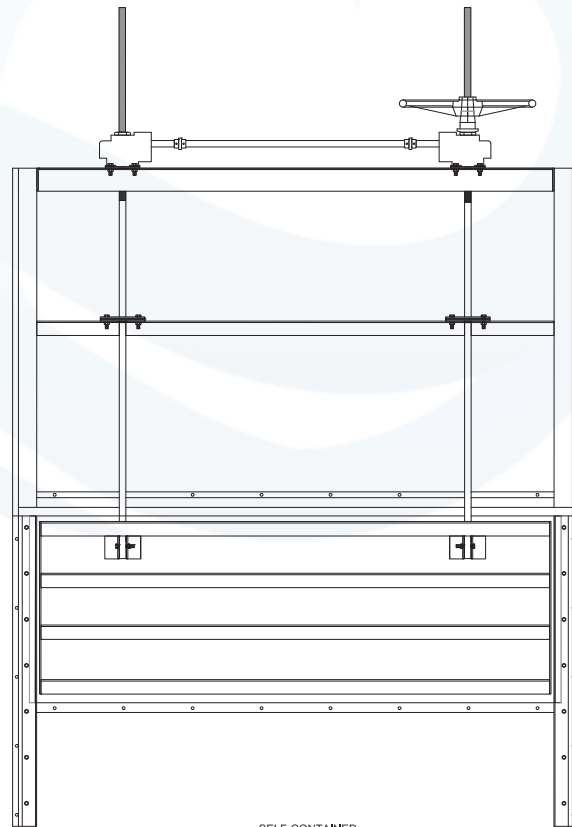
Table shows the operating area of the gate in square inches.



SELF-CONTAINED
DOWNWARD OPENING
WEIR RISING STEM



NON-SELF-CONTAINED
UPWARD OPENING
NON-RISING STEM



SELF-CONTAINED
DOWNWARD OPENING
TANDEM LIFT

Mechanical Associates' stainless steel and aluminum gates provide long life and excellent value for the investment. Installation is quick and easy. Field replaceable neoprene seats gives a drip tight seal. Stainless steel and aluminum construction will provide long life in corrosive conditions, with little or no maintenance or replacement parts required.



745 Broadway Street, Fresno, CA, 93721 - 559.272.8157 - www.mechanical-associates.com