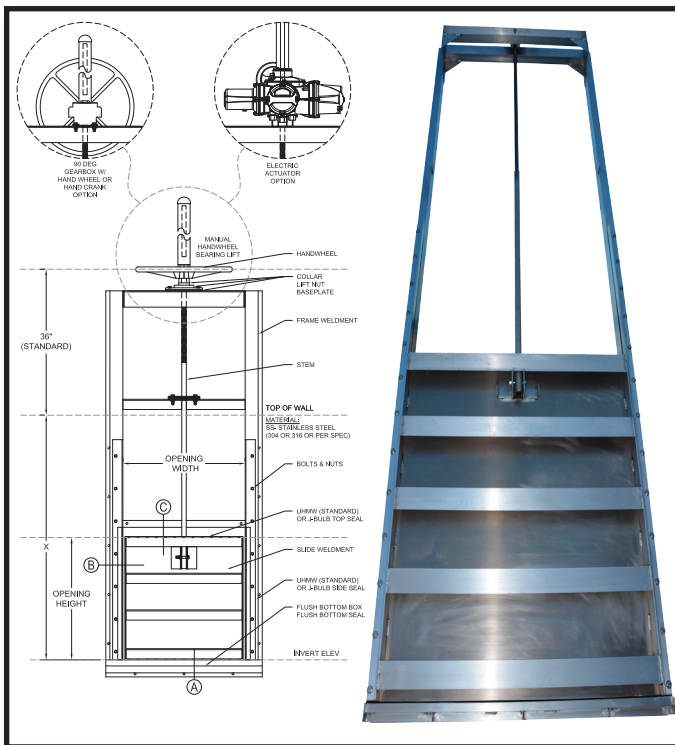




MUNICIPAL WATER CONTROL PRODUCTS

UHO-10-AL-CH ALUMINUM SLIDE & WEIR GATES



ALUMINUM SLIDE GATE

Model: UHO-10-AL-CH

- Replaceable UHMW Or Neoprene J-Bulb Seals
- All Aluminum Construction
- Stainless Steel Slide Option (SALS)
- Seating/Off Seating Head
- 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 UHO-10-AL-CH BROCHURE FOR ALL
AVAILABLE OPTIONS FOR THIS GATE SERIES.**

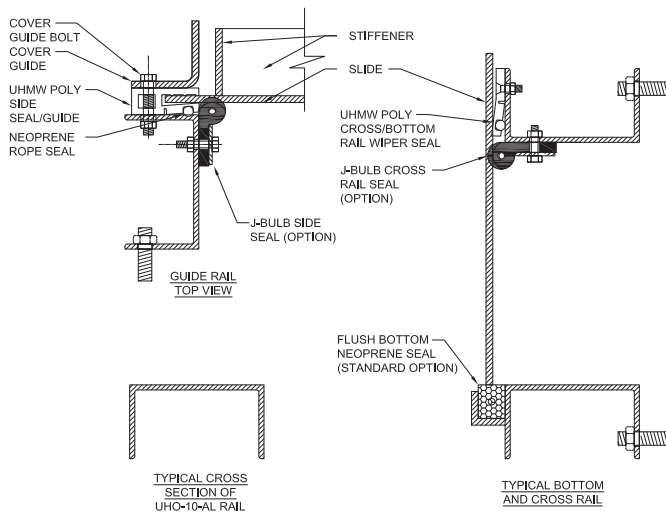
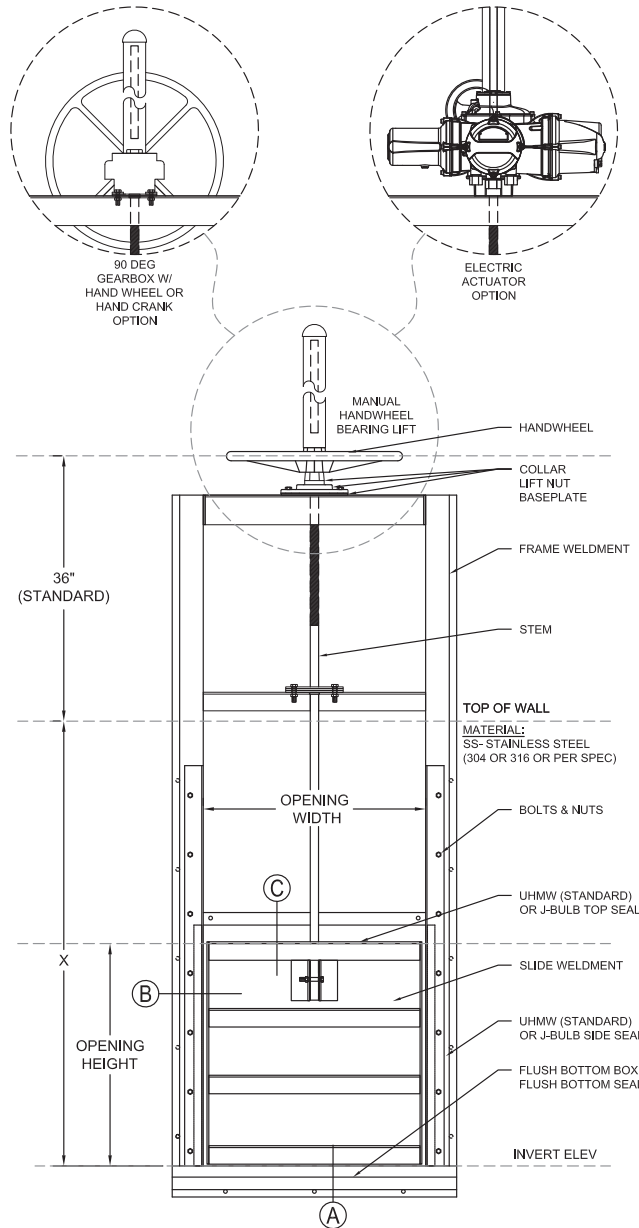
Mechanical Associates' stainless steel and aluminum gates provide long life and excellent value for the investment. Installation is quick and easy. All gates come standard with replaceable seals for easy maintenance. Stainless steel and aluminum construction will provide long life in corrosive conditions, 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..

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ALUMINUM SLIDE GATE UHO-10-AL



STANDARD FEATURES:

- All Aluminum 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

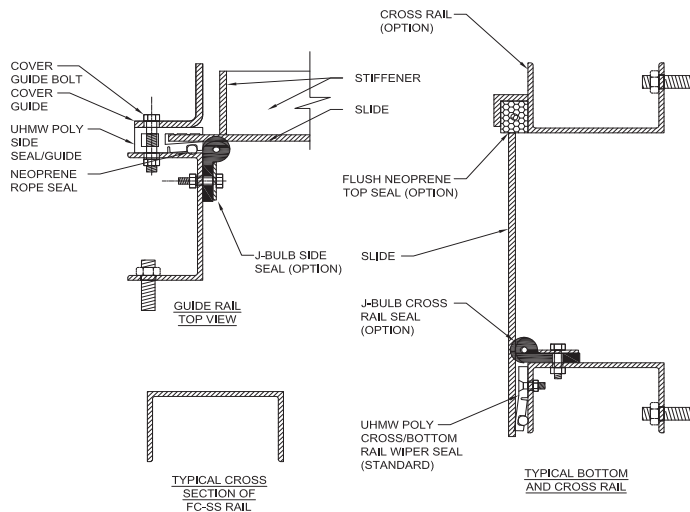
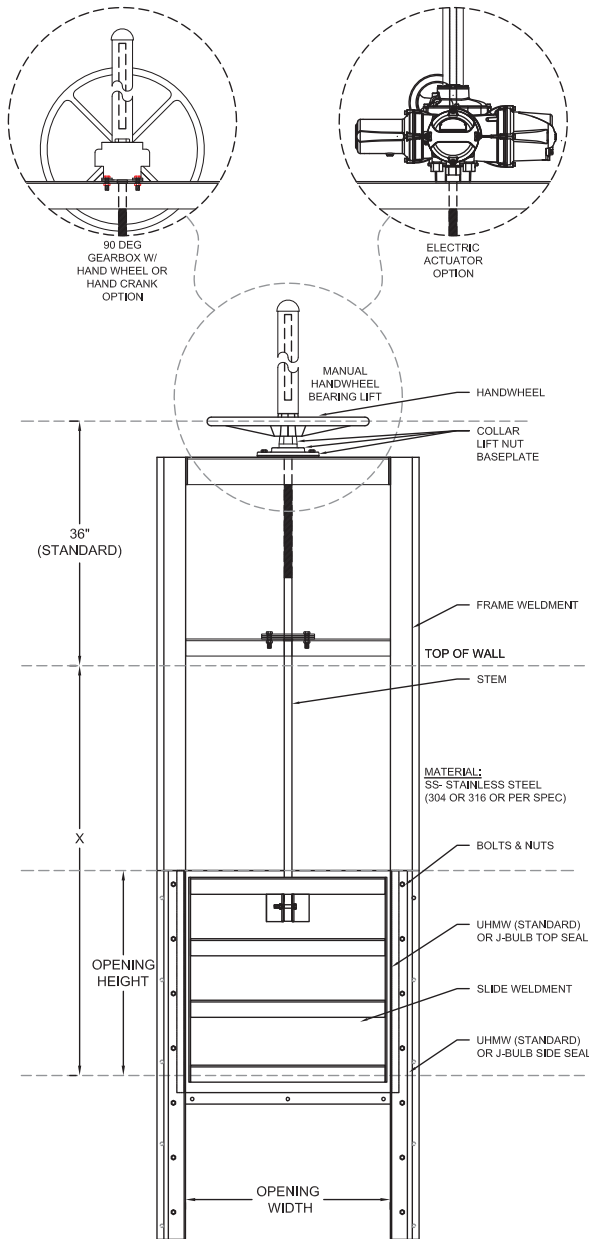
PARTS & MATERIALS

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-276 TY.304 Or 316
Stem	Stainless Steel ASTM A-276 TY.304 Or 316
Frame Weldment	Aluminum Alloy 6061-T6
Slide Weldment	Aluminum Alloy 6061-T6
Flush Bottom Box	Aluminum Alloy 6061-T6
Flush Bottom Seal	Neoprene Rubber: ASTM D-2000
J-Bulb	Neoprene Rubber: ASTM D-2000
Poly Seal	UHMW

UHO-10-AL-CH SLIDE & WEIR GATE

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ALUMINUM DOWNWARD OPENING WEIR GATE UHO-10-AL-DO



STANDARD FEATURES:

- All Aluminum 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

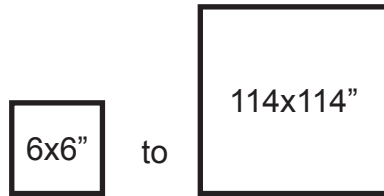
Handwheel	Cast Iron: ASTM-A126 CL. B
Lift Nut	Commercial Bronze
Collar	Cast Iron: ASTM-A126 CL. B
Base Plate	Aluminum Alloy 6061-T6
Bolts & Nuts	Stainless Steel ASTM A-276 TY.304 Or 316
Stem	Stainless Steel ASTM A-276 TY.304 Or 316
Frame Weldment	Aluminum Alloy 6061-T6
Slide Weldment	Aluminum Alloy 6061-T6
Flush Bottom Box	Aluminum Alloy 6061-T6
Flush Bottom Seal	Neoprene Rubber: ASTM D-2000
J-Bulb	Neoprene Rubber: ASTM D-2000
Poly Seal	UHMW

UHO-10-AL-CH SLIDE & WEIR GATE

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TECHNICAL SPECIFICATIONS

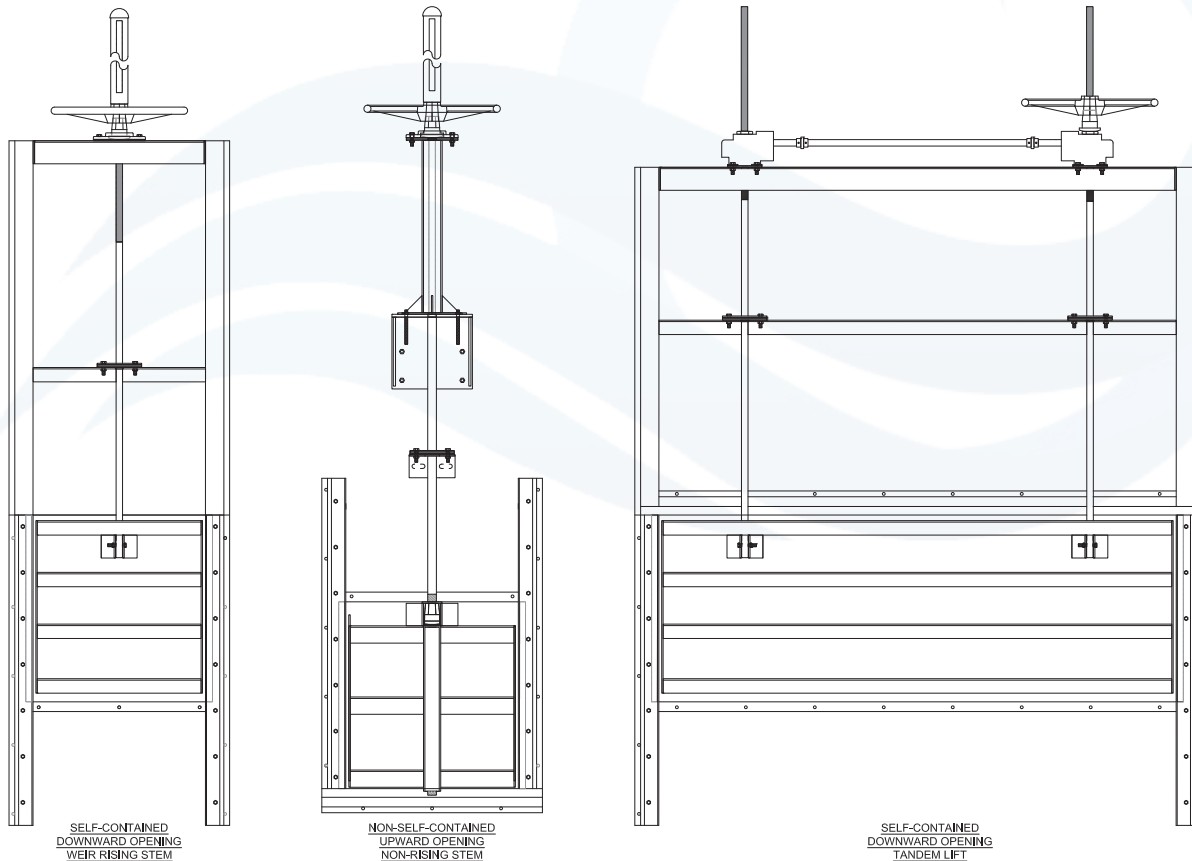
UHO-10-AL ALUMINUM SLIDE & WEIR GATES



The UHO-10 Slide Gate is available in any variation of sizes from 6x6" to 114x114". Please contact us about your custom needs.

WIDTH													
HEIGHT		6	8	10	12	16	20	24	36	48	60	96	114
	6	36	48	60	72	96	120	144	216	288	360	576	684
	8	48	64	80	96	128	160	192	288	384	480	768	912
	10	60	80	100	120	160	200	240	360	480	600	9600	1140
	12	72	96	120	144	192	240	288	432	576	720	1152	1368
	16	96	128	160	192	256	320	384	576	768	960	1536	1824
	20	120	160	200	240	384	400	480	720	960	1200	1920	2280
	24	144	192	240	288	320	480	576	864	1152	1440	2304	2736
	36	216	288	360	432	576	720	864	1296	1728	2160	3456	4104
	48	288	384	480	576	768	960	1152	1728	2304	2880	4608	5472
	60	360	480	600	720	960	1200	1440	2160	2880	3600	5760	6840
	96	576	768	960	1152	1536	1920	2304	3456	4608	5760	9216	10944
	114	684	912	1140	1368	1824	2280	2736	4104	5472	6840	10944	12996

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



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