



Flap Gates

Backflow prevention in free discharge applications





Excellence in Engineering

Since 1840, the engineering team at Rodney Hunt has pioneered safe and reliable flow control systems in thousands of applications around the world. In 2009, Rodney Hunt joined forces with Fontaine, a leader in fabricated gate design. Together, we bring more than 220 years of experience designing customized solutions to meet the needs of the most challenging applications.

Superior Quality

We bring exceptional quality to every project, from design to manufacturing and testing. We offer one of the most flexible and comprehensive cast, metal fabrication, machining, and testing operations in North America. This allows us to monitor and ensure quality in all aspects of production and to provide consistent, reliable, and superior products. We are ISO-9001 certified and ARRA compliant.

Comprehensive Product Offering

Our total product offering is unrivaled in the flow control marketplace. From all types and sizes of cast and fabricated gates to custom valve and actuation options, we bring a total solution to every project. The breadth of our product offering enables us to bring an impressive range of expertise to your planning and decision-making process.

Responsive Service

We pride ourselves on providing genuine responsiveness to your needs throughout the design, manufacturing, and installation processes. Our engineering team is available for consultation during all phases of your project. Dedicated project managers serve as a single point of contact once the order is in-house, and our knowledgeable field service team is always ready to provide on-site support.

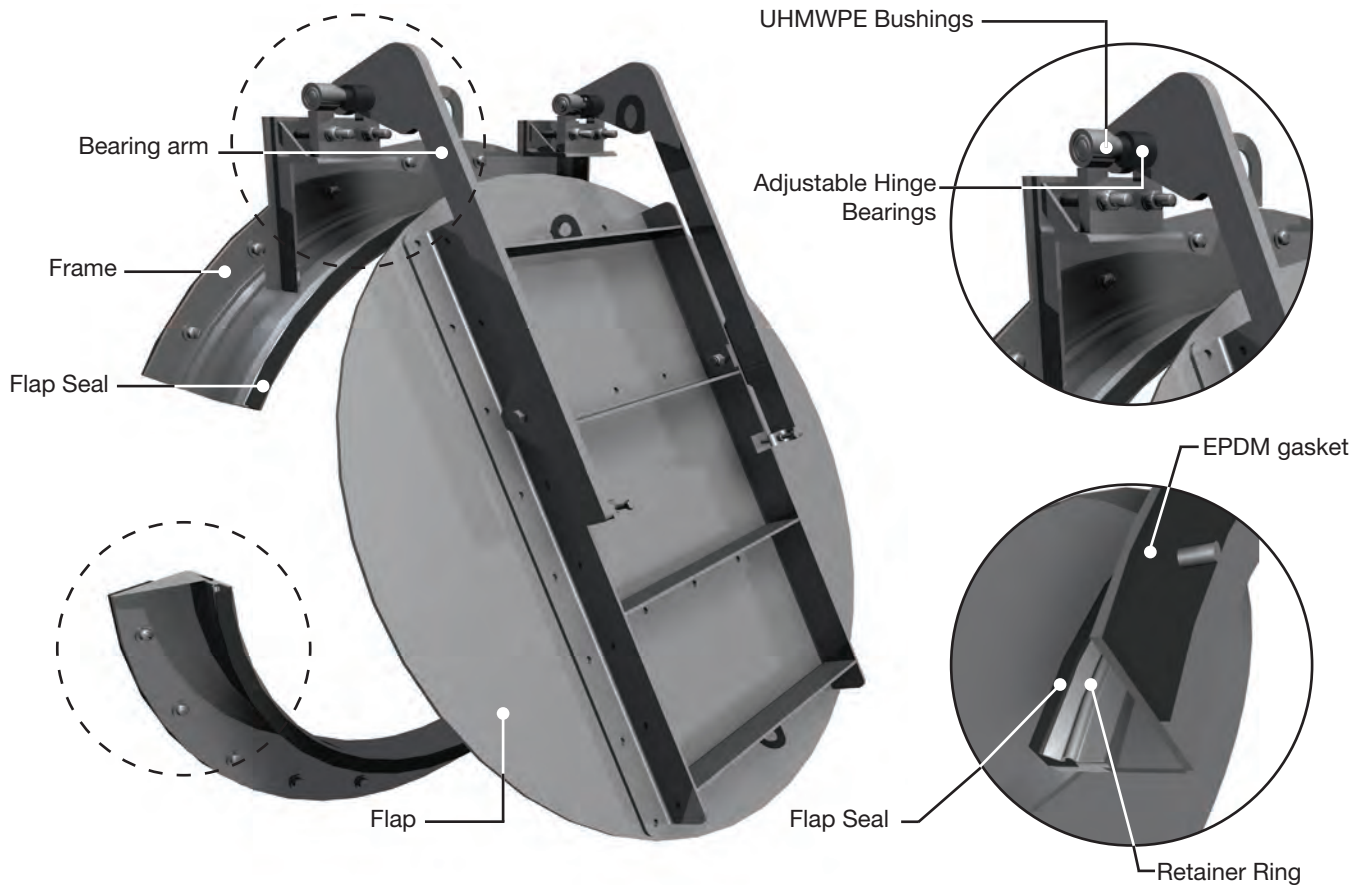


Two 60" (1500mm) FG-S60 Flap Gates help protect a North Dakota watershed from forward and reverse surges.

Flap Gates

Backflow prevention in free discharge applications

Rodney Hunt and Fontaine Flap Gates (or flap valves) are designed as an efficient backflow prevention solution in almost any free discharge application. Several Flap Gate types and configurations are available to meet different field mounting requirements, including water, wastewater, and seawater.



Gravity Operated

Minimal water pressure is needed for operation. Flap opens when the head in the pipe or conduit exceeds 0.2 feet (0.6m) above the head in the receiving body of water. Flap closes when the head in the receiving body of water exceeds the head in the pipe or conduit. Low headloss when fully open.

Cast or Fabricated

Depending on application, installation, and preferences, Flap Gates are available in high strength stainless steel (ASTM A-240 Type 304L or 316L) or cast iron (A126 Class B).

Circular, Square, and Rectangular Designs

Choose from a wide range of sizes and configurations for openings 4" to 144" and greater.

Low Leakage

Cast iron to resilient or bronze-to-bronze seating is available on cast iron Flap Gates, and resilient to stainless steel seating on fabricated Flap Gates. Both provide a tight seal for low leakage when closed.

Low Maintenance

All Flap Gate models offer high corrosion resistance, low maintenance, and a variety of mounting options.

Flexible Flap Options

A stainless steel frame with neoprene flap provides quiet operation, and can be custom sized for any application up to 48" (1200mm) wide. For wider openings, two or more can be bonded and clamped.



Certified to
ISO 9001:2008



Series FG-SPR

- Low cost backflow prevention
- Cast Iron with stainless steel pivot hardware
- Resilient seated
- Single Pivot
- 4" – 30" (100mm – 750mm)



Series FG-AC and FG-ACP

- Engineered for high seating heads
- Designed to handle forward and reverse pump surges (Series ACP)
- Spring bumper limits disc travel to 90° (Series ACP)
- Anti-locking bar eliminates flap over-turn damage
- Cast Iron with stainless steel pivot hardware
- Cast iron to resilient or bronze seating
- Adjustable double pivot design
- 4" – 96" (100mm – 2400mm)



Series FG-AR

- For rectangular or square openings
- Cast iron to resilient or bronze-to-bronze seating
- Double pivot design
- 12" x 12" to 144" x 144" (300mm x 300mm – 3650mm x 3650mm)
- Custom designed for specific head conditions



Series FG-S60

- Circular fabricated stainless steel
- Resilient to stainless steel seating
- Hinges feature UHMWPE self-lubricating bushings
- Wall or pipe-mounted
- 6" – 96" (150mm – 2400mm)



Series FG-S70

- For rectangular or square openings
- Fabricated stainless steel
- Neoprene to stainless steel seating
- Hinges feature UHMWPE self-lubricating bushings
- 12" to 96" (300mm – 2400mm)
- Custom designed for specific head conditions



Flexible Flap Gate

- For quiet operation
- Opens under very low unseating head
- Withstands slamming action of pump discharge and wave action
- Stainless steel frame with flexible reinforced neoprene flap
- Neoprene to neoprene seating for low leakage
- Custom sized for application

Projects

Rodney Hunt and Fontaine Flap Gates are designed for use in a wide variety of free discharge applications. Our gates can be found in water and sewage treatment plants, drainage and irrigation canals, pump stations, water distribution systems and more.

Contact us today about your next project at 1-800-448-8860 or find your local rep at www.rodneyhunt.com



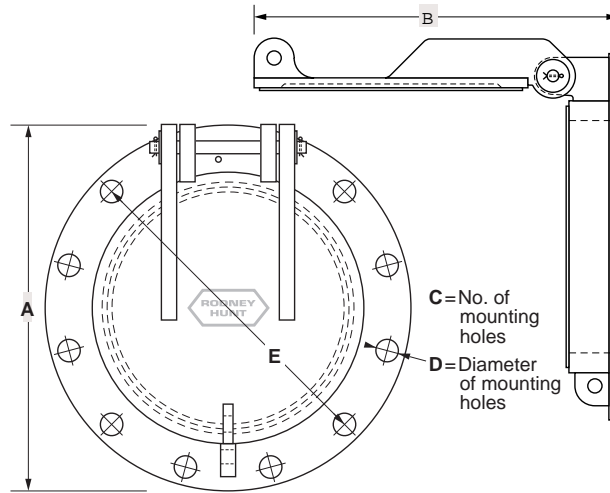
US 90A Pipeline, Fort Bend, TX – Thirteen 108" (2743mm) Flap Gates with bronze seats



Ally Creek-East River, Queens, NY – Four 120" x 90" (3050mm x 2290mm) Flap Gates with neoprene resilient seats



Series FG-SPR



Dimensions

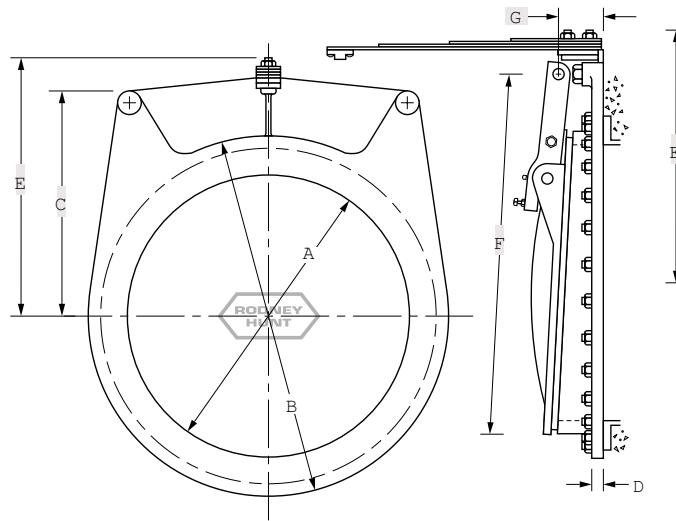
Gate Size inches (mm)	A	B	C	D	E
4 (100)	9 (229)	10-3/8 (264)	8	3/4 (19)	7-1/2 (191)
6 (150)	11 (279)	12-3/8 (314)	8	7/8 (22)	9-1/2 (241)
8 (200)	13-1/2 (343)	14-3/8 (365)	8	7/8 (22)	11-3/4 (298)
10 (250)	16 (406)	16-3/8 (416)	12	1 (25)	14-1/4 (362)
12 (300)	19 (457)	18-3/8 (467)	12	1 (25)	17 (432)
14 (350)	21 (533)	20-3/8 (518)	12	1-1/8 (29)	18-3/4 (476)
16 (400)	23-1/2 (597)	22-3/8 (568)	16	1-1/8 (29)	21-1/4 (540)
18 (450)	25 (635)	24-3/8 (619)	16	1-1/4 (32)	22-3/4 (578)
20 (500)	27-1/2 (699)	26-3/8 (670)	20	1-1/4 (32)	25 (635)
24 (600)	32 (813)	30-3/8 (772)	20	1-3/8 (35)	29-1/2 (749)

Standard Materials

Part	Material
Flap Cover	Cast Iron (A126 Class B)
Cover Seat Facing	Iron (A126 Class B)
Body	Cast Iron (A 126 Class B)
Body Seat Facing	Neoprene (D-2000)
Hinge Pins	Stainless Steel (A276-304)
Hinge Pin Washers	Stainless Steel (A276-304)
Cotter Pins	Bronze (B98-C655)

Note: Specifications available at www.rodneyhunt.com

Series FG-AC and Series FG-ACP



Dimensions

A = Diameter inches (mm)	B	C	D	E	F	G
4 (100)	9 (229)	5-9/16 (141)	3/4 (19)	8-1/2 (216)	8 (203)	2-3/4 (70)
6 (150)	11 (279)	5-9/16 (141)	3/4 (19)	8-1/4 (210)	9 (229)	2-3/4 (70)
8 (200)	13-1/2 (343)	6-3/4 (171)	3/4 (19)	9-1/4 (235)	11-1/4 (286)	3 (76)
10 (250)	16 (406)	8-1/4 (210)	7/8 (22)	11-1/8 (283)	13-1/2 (343)	3 (76)
12 (300)	19 (483)	9-3/4 (248)	1 (25)	13-1/2 (343)	16-1/4 (413)	3 (76)
14 (350)	21 (533)	12 (305)	1-1/8 (29)	15-1/2 (394)	19-1/2 (495)	3-1/4 (83)
16 (400)	23-1/2 (597)	12-3/4 (324)	1-1/8 (29)	17-1/8 (435)	21-1/4 (540)	3-1/4 (83)
18 (450)	25 (635)	14-1/2 (368)	1-1/4 (32)	18-5/8 (473)	24 (610)	3-1/2 (89)
20 (500)	27 1/2 (699)	16 1/8 (410)	1-1/4 (32)	17-7/8 (454)	26 1/2 (673)	5 (127)
24 (600)	32 (813)	19-1/2 (495)	1-3/8 (35)	22-3/4 (578)	31-3/4 (806)	5-1/2 (140)
30 (750)	38-3/4 (984)	24 (610)	1-1/2 (38)	28-5/8 (727)	39-1/2 (1003)	6 (152)
36 (900)	46 (1168)	28-1/2 (724)	1-5/8 (41)	32-3/4 (832)	47 (1190)	6-1/2 (165)
42 (1075)	53 (1346)	33 (838)	1-3/4 (44)	36-1/2 (927)	54-1/2 (1380)	7 (178)
48 (1200)	59-1/2 (1511)	38 (978)	2 (1054)	41-1/2 (1575)	62 (1570)	7-1/2 (191)
54 (1375)	66-1/4 (1683)	42-1/2 (1080)	2-1/4 (57)	46-3/4 (1187)	69-1/2 (1770)	8-1/2 (216)
60 (1500)	73 (1854)	47 (1194)	2-1/4 (57)	52 (1321)	77-1/4 (1960)	8-1/2 (216)
66 (1650)	79 (2007)	51-1/2 (1308)	2-1/4 (57)	55-1/2 (1410)	85-1/4 (2170)	8-1/2 (216)
72 (1800)	86-1/2 (2197)	54-1/8 (1375)	2-1/2 (64)	-	92-3/4 (2360)	8-1/2 (216)
78 (1950)	93-1/8 (2365)	60-1/2 (1537)	2-1/2 (64)	-	100-1/2 (2550)	8-1/2 (216)
84 (2100)	99-3/4 (2534)	65-1/4 (1657)	2-5/8 (67)	-	108 (2740)	9-1/2 (241)
96 (2400)	113-1/4 (2877)	74-1/2 (1892)	2-3/4 (70)	-	123 (3120)	9-1/2 (241)
108 (2745)	128-1/2 (3264)	83-1/2 (2121)	3 (76)	-	138 (4505)	10-7/8 (276)

NOTE: Mounting flange drilled to match 25 lb. or 125 lb. drilling.
D=thickness of mounting flange.

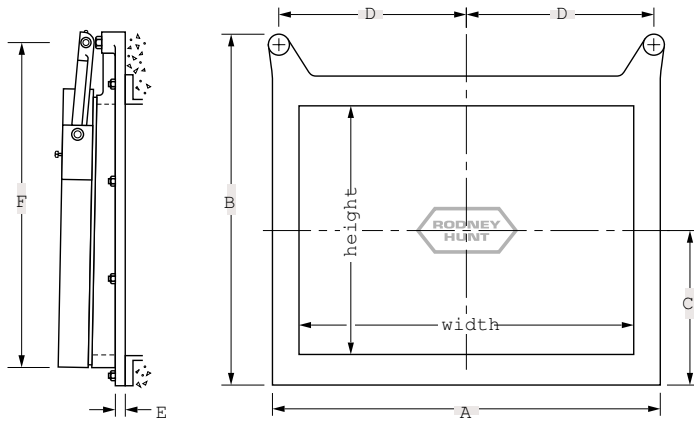
Standard Materials

Part	Material
Flap Cover	Cast Iron (A126 Class B)
Cover Seat Facing	Iron (A126 Class B) or Bronze (B21-464)
Body	Cast Iron (A 126 Class B)
Body Seat Facing	Neoprene (D-2000) or Bronze (B21-464)
Hinge Arms	Bronze (B584-C865)
Hinge Pins	Stainless Steel (A276-304)
Hinge Pin Washers	Stainless Steel (A276-304)
Cotter Pins	Bronze (B98-C655)
Anti-Locking Bar	Steel (A108 C1018)
Bumper Spring	Heat-treated spring steel (A689)

Note: Specifications available at www.rodneyhunt.com



Series FG-AR



Dimensions

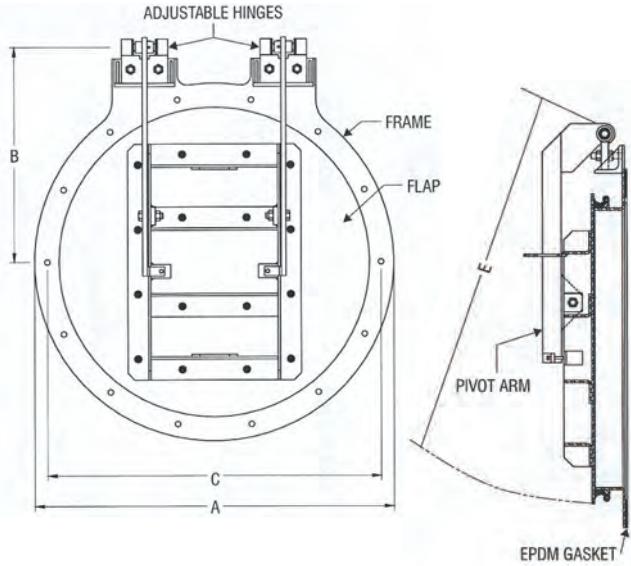
Width x Height inches (mm)	A	B	C	D	E	F
12x12 (300x300)	19 (483)	19-1/4 (489)	9-1/2 (241)	7-3/4 (197)	1 (25)	18-3/4 (476)
18x18 (450x450)	25 (635)	27 (686)	12-1/2 (318)	11-1/16 (281)	1-1/4 (32)	24-1/2 (622)
24x24 (600x600)	32 (813)	35-1/2 (902)	16 (406)	14-9/16 (370)	1-3/8 (35)	32-3/4 (832)
30x30 (750x750)	36 (914)	43 (1092)	19 (483)	18-1/16 (459)	1-5/8 (41)	40-1/2 (1029)
36x24 (900x600)	45 (1143)	36 (914)	18-1/2 (470)	21 (533)	1-1/2 (38)	32-3/4 (832)
36x36 (900x900)	45 (1143)	51 (1295)	22-1/2 (572)	21-1/4 (540)	1-5/8 (41)	47 (1194)
36x48 (900x1200)	45 (1143)	66-3/4 (1695)	28-3/4 (730)	21-1/4 (540)	2 (51)	62 (1765)
36x54 (900x1375)	46 (1168)	72-1/2 (1842)	32 (813)	21-1/2 (546)	2-1/4 (57)	69-1/2 (1765)
42x42 (1075x1075)	51-1/2 (1308)	58-3/4 (1492)	25-3/4 (654)	24-1/4 (616)	1-3/4 (44)	54-1/2 (1384)
48x18 (1200x450)	56 (1422)	28 (711)	13 (330)	26-13/16 (681)	1-5/8 (41)	24-1/2 (622)
48x24 (1200x600)	56 (1422)	35-1/2 (902)	16 (406)	26-13/16 (681)	1-5/8 (41)	32-3/4 (832)
48x30 (1200x750)	56 (1422)	43 (1092)	19 (483)	27-1/16 (687)	1-5/8 (41)	40-1/2 (1029)
48x36 (1200x900)	56 (1422)	51 (1295)	22-1/2 (572)	27-1/16 (687)	1-5/8 (41)	47 (1194)
48x48 (1200x1200)	57-1/2 (1461)	66-3/4 (1695)	28-3/4 (730)	27-1/2 (699)	2 (51)	62 (1575)
48x60 (1200x1500)	57-1/2 (1461)	81-3/4 (2076)	34-3/4 (883)	27-1/2 (699)	2-1/4 (57)	77-3/4 (1975)
54x54 (1375x1375)	64 (1626)	74-1/2 (1892)	32 (813)	30-1/2 (775)	2-1/4 (57)	69-1/2 (1765)
60x36 (1500x900)	69-1/2 (1765)	51-1/4 (1302)	22-3/4 (578)	33-1/4 (845)	1-3/4 (44)	47 (1194)
60x48 (1500x1200)	69-1/2 (1765)	66-3/4 (1695)	28-3/4 (730)	33-1/2 (851)	2-1/4 (57)	62 (1575)
60x60 (1500x1500)	69-1/2 (1765)	81-3/4 (2076)	34-3/4 (883)	33-1/2 (851)	2-1/4 (57)	77-3/4 (1975)
60x72 (1500x1800)	69-1/2 (1765)	95-1/2 (2426)	41-1/2 (1054)	33-1/2 (851)	2-1/4 (57)	93-3/4 (2381)
72x48 (1800x1200)	81-1/2 (2070)	64-3/4 (1645)	28-3/4 (730)	39-1/2 (1003)	2-1/4 (57)	62 (1575)
72x60 (1800x1500)	83 (2108)	82-1/2 (2096)	35-1/2 (902)	39-1/2 (1003)	2-1/4 (57)	77-3/4 (1975)
72x72 (1800x1800)	83 (2108)	95-1/2 (2426)	41-1/2 (1054)	40-1/4 (1022)	2-1/2 (64)	93-3/4 (2381)
84x84 (2100x2100)	95 (2413)	112-1/2 (2858)	47-1/2 (1207)	46-1/2 (1181)	2-3/4 (70)	107-3/4 (2737)
96x96 (2400x2400)	107 (2718)	124-1/2 (3162)	53-1/2 (1359)	52-1/2 (1334)	2-3/4 (70)	123-3/4 (3143)

Standard Materials

Part	Material
Flap Cover	Cast Iron (A126 Class B)
Cover Seat Facing	Cast Iron (A126 Class B) or Bronze (B21-464)
Body	Cast Iron (A 126 Class B)
Body Seat Facing	Neoprene (D-2000) or Bronze (B21-464)
Hinge Arms	Bronze (B584-C865)
Hinge Pins	Stainless Steel (A276-304)
Hinge Pin Washers	Stainless Steel (A276-304)
Cotter Pins	Bronze (B98-C655)

Note: Specifications available at www.rodneyhunt.com

Series FG-S60



Standard Materials

Part	Material
Body, Cover, Hinges, Hinge Arm	Stainless steel (ASTM A-240 Type 304L or 316L)
Hinge Bushings	UHMWPE (ASTM D-4020)
Seal for Flaps	
Up to 24" (610 mm)	Neoprene (ASTM D-2000 Grade 2 BC-510)
Over 240" (610 mm)	EPDM (ASTM D-2000)
Fasteners	Stainless Steel (ASTM F593 and F594, GR1 for Type 304 and GR2 for Type 316)

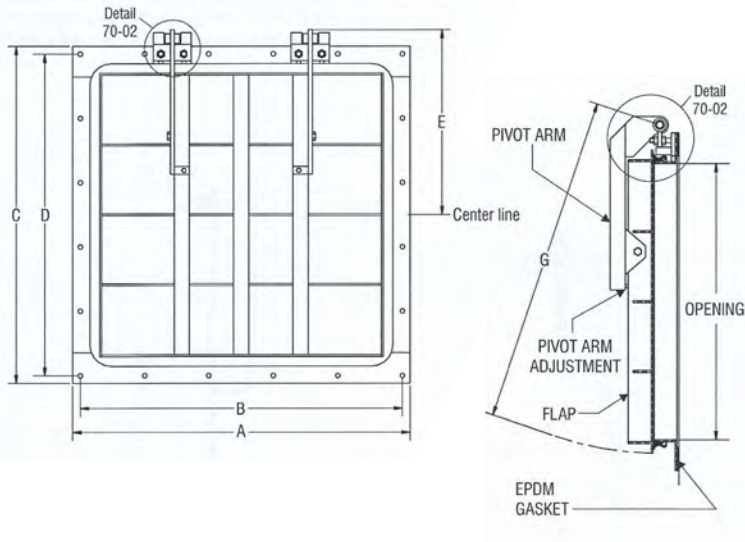
Note: Specifications available at www.rodneyhunt.com

Dimensions

Gate size diameter (in/mm)	A						B	C						E	
	CW, WT, SF	CWX-RCP	CWX	RM	RMX-DIP	RMX-RCP	CW, WT	CWX-RCP	CWX	SF	RM	RMX-DIP	RMX-RCP		
6 (150)	11 (277)	-	17 (430)	15 (379)	18 (455)	-	3-7/16 (85)	9-1/3 (239)	-	15 (379)	9-1/2 (239)	12 (303)	15 (379)	-	8 (201)
8 (200)	13-1/2 (340)	24-3/4 (626)	19-1/8 (483)	17 (429)	20-1/8 (508)	25-3/4 (651)	5-9/16 (138)	11-3/4 (295)	22-3/4 (575)	17-1/8 (432)	11-3/4 (295)	14 (353)	17-1/8 (432)	22-3/4 (575)	11-15/32 (288)
10 (250)	16 (402)	26-3/4 (675)	21-1/8 (533)	19 (479)	22-1/8 (558)	27-3/4 (701)	6-5/8 (164)	14-1/4 (358)	24-3/4 (625)	19-1/8 (482)	14-1/4 (358)	16 (402)	19-1/8 (482)	24-3/4 (625)	13-7/16 (337)
12 (300)	20 (503)	26-1/2 (668)	23-1/4 (586)	21 (528)	24-1/4 (611)	27-1/2 (694)	8 (198)	17 (427)	24-1/2 (617)	21-1/4 (535)	17 (427)	18 (452)	21-1/4 (535)	24-1/2 (617)	15 (376)
15 (381)	23 (584)	29-1/2 (749)	26-3/8 (670)	24 (600)	27-3/8 (695)	30-1/2 (775)	9-1/2 (241)	21 (533)	27-1/2 (699)	24-3/8 (619)	-	21 (533)	24-3/8 (619)	27-1/2 (450)	18 (699)
18 (450)	26 (653)	33 (831)	29-1/2 (742)	27 (679)	30-1/2 (768)	34 (857)	10-7/8 (269)	24 (603)	31 (780)	27-1/2 (692)	22-3/4 (571)	24 (603)	27-1/2 (692)	31 (780)	22-3/4 (571)
21 (533)	29 (737)	36-1/2 (927)	35-5/8 (905)	30 (750)	33-5/8 (854)	27-1/2 (699)	13 (330)	27 (686)	34-1/2 (876)	30-5/8 (778)	-	27 (686)	30-5/8 (778)	34-1/2 (876)	24-1/2 (622)
24 (600)	32 (803)	39-1/2 (993)	36 (904)	33 (828)	37 (930)	40-1/2 (1019)	14 (346)	30 (752)	37-1/2 (943)	34 (854)	29-1/2 (739)	30 (752)	34 (854)	37-1/2 (943)	27-1/8 (679)
30 (800)	38-3/4 (1022)	47-1/2 (1245)	42 (1105)	39 (1029)	43 (1130)	48-1/2 (1270)	23-1/4 (629)	36 (952)	45-1/2 (1194)	40 (1054)	36 (952)	36 (952)	40 (1054)	45-1/2 (1194)	40-1/2 (1060)
36 (900)	46 (1154)	55-1/2 (1396)	48-1/2 (1218)	45 (1129)	49-1/2 (1243)	56-1/2 (653)	26-1/4 (653)	42-3/4 (1072)	53-1/2 (1345)	46-1/2 (1167)	42-3/4 (1072)	42 (1053)	46-1/2 (1167)	53-1/2 (1245)	46-1/4 (1161)
42 (1000)	53 (1279)	62-1/2 (1521)	54-1/2 (1217)	51 (1228)	55-1/2 (1343)	63-1/2 (1546)	29-1/4 (676)	49-1/2 (1190)	60-1/2 (1470)	52-1/2 (1267)	49-1/2 (1190)	48 (1152)	52-1/2 (1267)	60-1/2 (1470)	52-1/4 (1260)
48 (1200)	59-1/2 (1491)	72-1/2 (1822)	62-7/8 (1577)	59 (1479)	63-7/8 (1602)	72-1/2 (1822)	32-1/2 (806)	56 (1402)	69-1/2 (1745)	60-7/8 (1526)	56 (1402)	56 (1402)	60-7/8 (1526)	69-1/2 (1745)	58-1/2 (1466)
54 (1400)	66-1/4 (1711)	78-1/2 (2022)	69-1/8 (1784)	65 (1679)	70-1/8 (1809)	79-1/2 (2047)	35-7/8 (939)	62 (1603)	76-1/2 (1971)	67-1/8 (1733)	62-3/4 (1622)	62 (1603)	67-1/8 (1733)	76-1/2 (1971)	64-1/2 (1666)
60 (1500)	73 (1830)	85-1/2 (2148)	-	71 (1779)	-	86-1/2 (2173)	35 (865)	68 (1703)	83-1/2 (2097)	-	69-1/4 (1735)	68 (1703)	-	83-1/2 (2097)	67-1/2 (1691)
72 (1800)	86-1/2 (2168)	98 (2460)	-	83 (2079)	-	99 (2486)	40-1/4 (993)	80 (2003)	96 (2409)	-	82-1/2 (2067)	80 (2003)	-	96 (2409)	78-1/2 (1965)
84 (2100)	99-3/4 (2500)	113-1/2 (2849)	-	95 (2379)	-	114-1/2 (2874)	50-1/2 (1249)	92 (2303)	111-1/2 (2798)	-	95-1/2 (2392)	92 (2303)	-	111-1/2 (2798)	94-1/2 (2366)
96 (2500)	106 (2754)	129 (3339)	-	107 (2780)	-	130 (3364)	56-3/4 (1503)	104 (2704)	126 (3262)	-	108-1/2 (2818)	104 (2704)	-	126 (3262)	107-1/16 (2781)



Series FG-S70



Dimensions

Gate size diameter Inches (mm)	A	B	C	D	E	G
12 x 12 (300 x 300)	20 (503)	18 (452)	20 (503)	18 (452)	-	16 (401)
16 x 16 (400 x 400)	24 (604)	22 (553)	24 (604)	22 (553)	-	20 (502)
18 x 18 (450 x 450)	26 (653)	24 (603)	26 (653)	24 (603)	-	22 (552)
21 x 21 (533 x 533)	29 (737)	27 (686)	29 (737)	27 (686)	-	25 (635)
24 x 24 (600 x 600)	32 (803)	30 (752)	32 (803)	30 (752)	-	28 (701)
30 x 30 (750 x 750)	38 (953)	36 (902)	38 (953)	36 (902)	21-1/8 (525)	36-3/4 (921)
32 x 32 (800 x 800)	40 (1003)	38 (952)	40 (1003)	38 (952)	22-1/8 (549)	38-3/4 (971)
36 x 36 (900 x 900)	44 (1104)	42 (1053)	44 (1104)	42 (1053)	24-1/8 (599)	42-3/4 (1072)
40 x 40 (1000 x 1000)	48 (1203)	46 (1152)	48 (1203)	46 (1152)	26-1/8 (648)	46-3/4 (1171)
42 x 42 (1100 x 1100)	50 (1303)	48 (1252)	50 (1303)	48 (1252)	27-1/8 (722)	48-3/4 (1271)
48 x 48 (1200 x 1200)	56 (1403)	54 (1353)	56 (1403)	54 (1353)	30-1/8 (746)	54-3/4 (1372)
54 x 54 (1400 x 1400)	65 (1679)	62 (1603)	65 (1679)	62 (1603)	33-1/8 (869)	60-3/4 (1571)
60 x 60 (1500 x 1500)	71 (1779)	68 (1703)	71 (1779)	68 (1703)	36-3/4 (909)	67-3/8 (1687)
72 x 72 (1800 x 1800)	83 (2079)	80 (2003)	83 (2079)	80 (2003)	42-3/4 (1057)	79-3/8 (1987)
84 x 84 (2100 x 2100)	95 (2379)	92 (2303)	95 (2379)	92 (2303)	48-3/4 (1204)	91-3/8 (2287)
96 x 96 (2500 x 2500)	107 (2780)	104 (2704)	107 (2780)	104 (2704)	56-3/4 (1503)	107-1/16 (2781)

Standard Materials

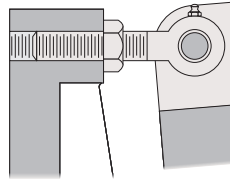
Part	Material
Body, Cover, Hinges, Hinge Arm	Stainless steel (ASTM A-240 Type 304L or 316L)
Hinge Bushings	UHMWPE (ASTM D-4020)
Seal for Flaps	
Up to 24" (610 mm)	Neoprene (ASTM D-2000 Grade 2 BC-510)
Over 240" (610 mm)	EPDM (ASTM D-2000)
Fasteners	Stainless Steel (ASTM F593 and F594, GR1 for Type 304 and GR2 for Type 316)

Note: Specifications available at www.rodneyhunt.com

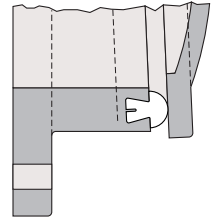
Design Features

Series FG-SPR, FG-AC, FG-ACP, FG-AR

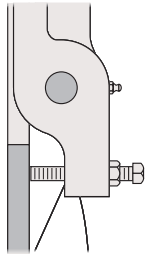
UPPER PIVOT is adjustable to vary the flap valve's sensitivity to unseating heads.



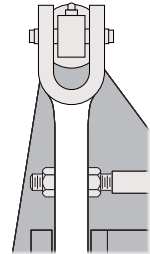
RESILIENT SEAT is firmly bonded to the machined groove in the body. This seat is normally supplied as neoprene or Buna-N rubber. Resilient seats are used where low backflow leakage rates are desired.



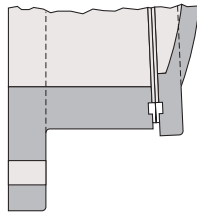
LOWER PIVOT allows for a controlled amount of cover rotation to assure that cover seat and body seat lie in the same plane.



ANTI-LOCKING BAR is supplied when specified, and prevents flap overturn damage.

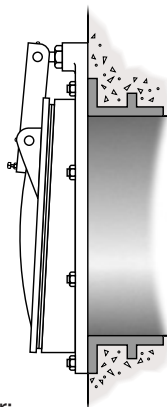


BRONZE SEAT is mounted in a machined, dove-tailed groove.



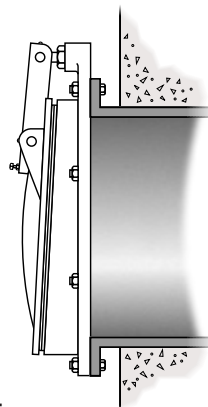
Mounting Options

Mounted to cast iron wall thimble



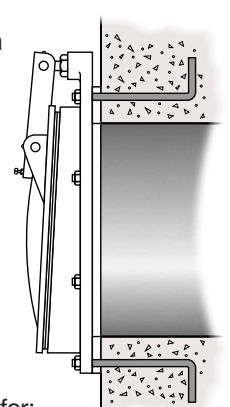
Recommended for:
FG-SPR
FG-AD
FG-AR

Mounted to standard pipe flange



Recommended for:
FG-SPR
FG-AC
FG-ACP
FG-S60
FG-S70

Mounted to concrete with anchor bolts



Recommended for:
FG-SPR
FG-AC
FG-AR
FG-S60
FG-S70



Engineered Flow Control Products from Rodney Hunt-Fontaine

Gates

- Sluice Gates
- Bonneted Gates
- Channel Gates
- Weir Gates
- Crest Gates (Bascule® and Pelican® designs)
- Tainter Gates
- Slide Gates
- Roller Gates
- Bulkhead Gates
- Velocity Control Gates
- Stop Logs
- Flap Gates

Valves

- Jet Flow Valves
- Rotovalve® Cone Valves
- Howell-Bunger® and Ring Jet® Valves
- RIKO® Plunger Valves
- EKN® Butterfly Valves
- Streamseal® Circular and Rectangular Butterfly Valves

Actuation

Manual, electric, and hydraulic actuation systems are available.

Service



Rodney Hunt-Fontaine offers the very best in Aftermarket Services, including: Field Inspection and Evaluation, Valve and Gate Refurbishment and Repair, Supply and Replacement Parts, Control System Evaluation and Repair, Flow Control Design Support, and a full range of in-house capabilities. Contact our experienced and dedicated team at parts.service@rodneyhunt.com for all your Aftermarket needs.

For more information about Rodney Hunt-Fontaine products or to contact a sales representative, visit our website - www.rodneyhunt.com

In the United States

46 Mill Street • Orange, MA 01364 USA • 1-800-448-8860 • info@rodneyhunt.com

In Canada

4699 Blvd Bourque • Sherbrooke, Quebec, Canada J1N 2G6 • 819-843-3068 • info@hfontaine.com



Rodney Hunt, Fontaine, and GA Industries are now the **Valve and Gate Group**. We will continue to market our products under our heritage brands — but the breadth and depth of our product offerings, technology options, and engineering capabilities have expanded exponentially.

Together, we provide the most comprehensive line of flow control solutions in the industry. Learn more about us at www.vag-usa.com.