

FireLock Automatic Devices and Accessories

When Victaulic introduced its first line of FireLock dry, deluge and preaction devices, we raised expectations for size and performance standards. Smaller, lighter and easier to install than previous valves on the market, FireLock devices offered owners, engineers and installers a significant advance in valve design.

Victaulic continues to push the envelope of product development. The new line of FireLock NXT* valves offer another leap forward in valve design and operation. Featuring a lower operating pressure and ultra-fast trip time, due to the elimination of the air-to-water differential, FireLock NXT valves deliver greater operational reliability and are easier to install, service and maintain. In addition the valves compact trim and diaphragm design reduces the valve's center-to-back take out distance up to a full 7"/178mm when compared with competitive valves.

* Not available in all areas. Contact your local Victaulic representative for details.

FireLock NXT™ Dry System Check Valve†

SERIES 768, PG. 48



FireLock NXT Deluge System Check Valve†

SERIES 769, PG. 49



FireLock NXT Preaction System Check Valve†

SERIES 769, PG. 50



FireLock Alarm Check Valve

SERIES 751, PG. 51



FireLock Dry System Check Valve†‡

SERIES 756, PG. 53



FireLock Deluge System Check Valve†‡

SERIES 758, PG. 54



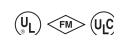
FireLock Preaction System Check Valve†‡

SERIES 758, PG. 55



FireLock Alarm Check Valve

SERIES 759, PG. 52



† Shown with Vic-Quick riser optional trim configuration. ‡ Not available in North America.

FireLock Automatic Devices and Accessories

The innovative design of the new NXT line went beyond the valve itself. To reduce the footprint required for the trim to the bare minimum, trim components were redesigned to optimize performance and save space.



The low pressure actuator used on NXT devices eliminates the air-to-water differential. NXT valves feature a single set point of 13 psi/ 90 kPa for water supply systems up to 300 psi/2065 kPa.



The 3-in-1 device combines a check valve, a strainer and a restrictor into a single unit.



The air feed manifold was specifically designed to reduce the room needed for this component while improving performance.

PRODUCTS

- 12 Couplings
- 24 Fittings
- 28 Hole Cut Piping System
- 34 Valves and Accessories
- 46 **FireLock Automatic Devices and Accessories**
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- 78 CPVC FireLock Piping
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Vic®-Quick Riser

FOR SERIES 768 DRY (SHOWN), SERIES 769 DELUGE AND SERIES 769 PRE-ACTION, PG. 56



FireLock Fire-Pac

SERIES 745, PG. 58



Vic-Quick Riser†

FOR SERIES 756 DRY (SHOWN), SERIES 758 DELUGE AND SERIES 758 PRE-ACTION, REQUEST PUBLICATION 30.20



Accessories

STANDARD, PG. 60

- Series 753-A Dry Actuator/Anti-Flood Device
- Series 776 Low Pressure Actuator
- Series 753-E Solenoid Actuator
- Series 798 Double Pneumatic Actuator
- Series 767 Electric/Pneumatic Actuator
- Series 748 Ball Check Valve
- Series 729 Ball Drip Assembly
- Series 755 Manual Pull Station
- Series 749 Auto Drain Assembly

OPTIONAL, PG. 60

- Series 752 Retard Chamber
- Series 760 Water Motor Alarm
- Dry Connection Kit
- Series 746 Dry Accelerator
- Series 746-LPA Dry Accelerator
- Series 757/757P Air Maintenance Trim Assembly
- Series 75-D Water Column Component Drain Kit
- Series 75-B Supplemental Alarm Kit

ELECTRICAL, PG. 60

- Supervisory Switches
- Alarm Pressure Switches

NOTE:

Valves supplied in Europe are red. Trim packages may differ from those shown here.

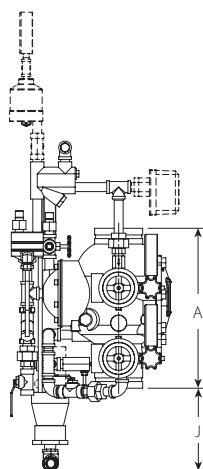
† Not available in North America.

FireLock Automatic Devices and Accessories

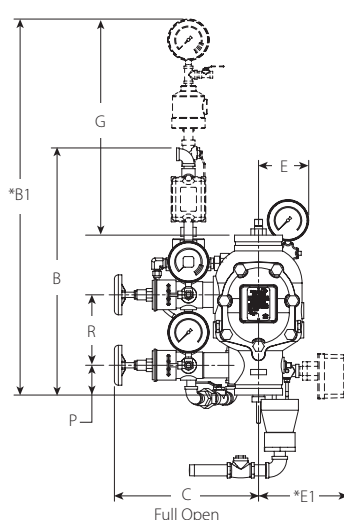
FireLock NXT Dry System Check Valve

SERIES 768

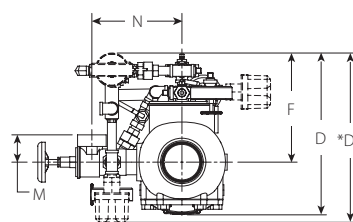
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NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

Size		Dimensions																Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A Inches mm	B Inches mm	B1* Inches mm	C Inches mm	D Inches mm	D1* Inches mm	E Inches mm	E1* Inches mm	F Inches mm	G Inches mm	J Inches mm	M Inches mm	N Inches mm	P Inches mm	R Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg	
1½ 40	1.900 48.3	9.00 228.60	18.25 463	30.25 768	13.75 349	16.00 406	—	5.25 133	8.50 215	9.50 241	21.25 539	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	16.7 7.6	43.0 19.5	
2 50	2.375 60.3	9.00 228.60	18.25 463	30.25 768	13.75 349	16.00 406	—	5.25 133	8.50 215	9.50 241	21.25 539	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	17.0 7.7	43.3 19.6	
2½ 65	2.875 73.0	12.61 320.29	21.75 552	33.75 857	13.50 342	16.00 406	—	5.25 133	9.00 228	9.25 234	21.25 539	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
76.1 mm	3.000 76.1	12.61 320.29	21.75 552	33.75 857	13.50 342	16.00 406	—	5.25 133	9.00 228	9.25 234	21.25 539	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
3 80	3.500 88.9	12.61 320.29	21.75 552	33.75 857	13.50 342	16.00 406	—	5.25 133	9.00 228	9.25 234	21.25 539	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
4 100	4.500 114.3	15.03 381.76	23.75 603	36.00 914	15.00 381	15.75 400	16.50 419	5.25 133	9.00 228	10.75 273	21.00 533	7.80 198.12	2.56 65.02	8.46 214.88	2.80 71.12	6.62 168.14	59.0 26.7	95.0 43.0	
165.1 mm	6.500 165.1	16.00 406.40	24.25 615	36.50 927	15.50 393	17.00 431	17.25 438	5.25 133	8.50 215	11.50 292	20.50 520	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	116.0 52.6	
6 150	6.625 168.3	16.00 406.40	24.25 615	36.50 927	15.50 393	17.00 431	17.25 438	5.25 133	8.50 215	11.50 292	20.50 520	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	116.0 52.6	
8 200	8.625 219.1	17.50 444.50	24.00 609	40.00 1016	16.75 425	20.00 508	—	6.25 158	8.75 222	12.75 323	18.50 469	7.59 192.78	2.56 65.02	10.21 259.33	3.02 76.70	6.62 168.14	122.0 55.3	158.0 71.6	

- Single set point of 13 psi/90 kPa of air allows for a smaller compressor and easier set-up
- Low differential, latched clapper valve that separates system water from dry-pipe sprinkler systems
- Available bare, pretrimmed, as a Vic-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- When the system air pressure is released, the decreasing air pressure activates the low pressure actuator and releases the latch mechanism, which allows the clapper to open
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300 psi/2065 kPa
- Sizes from 1½ – 8" / 40 – 200 mm

* Takes optional equipment into account.

IMPORTANT NOTES:

The drawings shown above reflect the dry pilot trim with Series 776 low pressure actuator.

Components shown as dotted lines denote optional equipment.

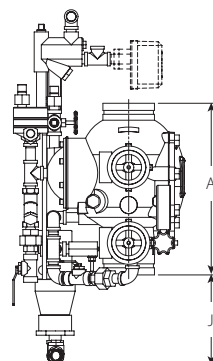
Optional drain connection kit is shown for reference and takeout dimensions.

FireLock Automatic Devices and Accessories

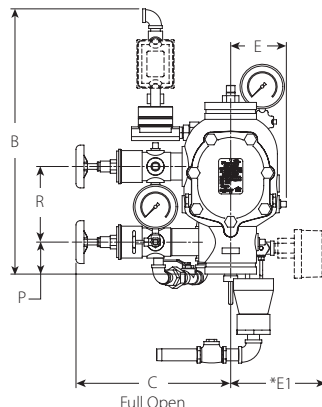
FireLock NXT Deluge System Check Valve

SERIES 769

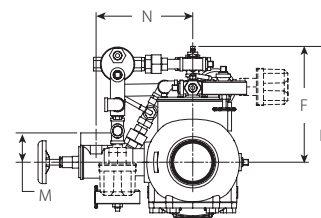
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Size		Dimensions													Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A Inches mm	B Inches mm	C Inches mm	D Inches mm	E Inches mm	E1 * Inches mm	F Inches mm	J Inches mm	M Inches mm	N Inches mm	P Inches mm	R Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg	
1½ 40	1.900 48.3	9.00 228.60	19.50 495	13.75 349	12.50 317	5.25 133	8.50 215	9.25 234	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	16.7 7.6	43.0 19.5	
2 50	2.375 60.3	9.00 228.60	19.50 495	13.75 349	12.50 317	5.25 133	8.50 215	9.25 234	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	17.0 7.7	43.3 19.6	
2½ 65	2.875 73.0	12.61 320.29	21.75 552	13.50 342	13.50 342	5.25 133	9.00 228	9.25 234	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
76.1 mm	3.000 76.1	12.61 320.29	21.75 552	13.50 342	13.50 342	5.25 133	9.00 228	9.25 234	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
3 80	3.500 88.9	12.61 320.29	21.75 552	13.50 342	13.50 342	5.25 133	9.00 228	9.25 234	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
4 100	4.500 114.3	15.03 381.76	23.75 603	15.00 381	15.75 400	5.50 139	9.00 228	10.75 273	7.80 198.12	2.56 65.02	8.46 214.88	2.80 71.12	6.62 168.14	59.0 26.7	95.0 43.0	
165.1 mm	6.500 165.1	16.00 406.40	24.00 609	15.50 393	16.75 425	6.00 152	8.50 215	11.25 285	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	116.0 52.6	
6 150	6.625 168.3	16.00 406.40	24.00 609	15.50 393	16.75 425	6.00 152	8.50 215	11.25 285	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	116.0 52.6	
8 200	8.625 219.1	17.50 444.50	24.00 609	16.75 425	19.75 501	7.00 177	8.75 222	12.75 323	7.59 192.78	2.56 65.02	10.21 259.33	3.02 76.70	6.62 168.14	122.0 55.3	158.0 71.6	

- Single set point of 13 psi/90 kPa of air allows for a smaller compressor and easier set-up
- Low differential, latched clapper valve that separates system water supplies from deluge pipe sprinkler systems
- Available bare, pretrimmed, as a Vic-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300 psi/2065 kPa
- Sizes from 1½ – 8"/40 – 200 mm

* Takes optional equipment into account.

IMPORTANT NOTES:

The drawings shown above reflect the dry pilot trim with Series 776 low pressure actuator.

Available wet pilot, dry pilot with the Series 776 low pressure actuator, or electronically actuated with the Series 753E solenoid actuator.

In addition, these dimensions can be applied to hydraulic (wet pilot) release and electric release trim.

Components shown as dotted lines denote optional equipment.

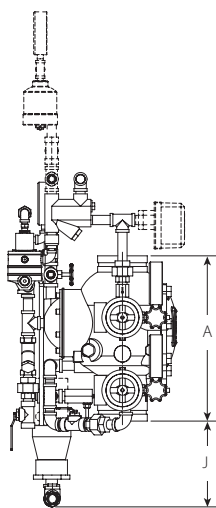
Optional drain connection kit is shown for reference and takeout dimensions.

FireLock Automatic Devices and Accessories

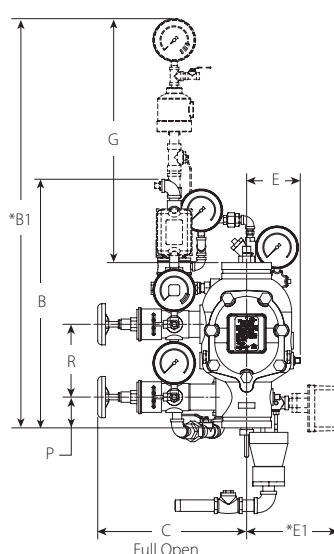
FireLock NXT Preaction System Check Valve

SERIES 769

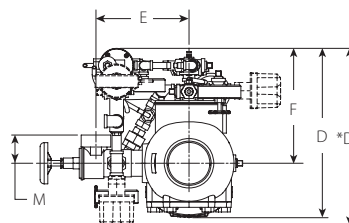
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Size		Dimensions																Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A Inches mm	B Inches mm	B1* Inches mm	C Inches mm	D Inches mm	D1* Inches mm	E Inches mm	E1* Inches mm	F Inches mm	G Inches mm	J Inches mm	M Inches mm	N Inches mm	P Inches mm	R Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg	
1½ 40	1.900 48.3	9.00 228.60	19.00 482	33.50 850	13.75 349	16.00 406	—	5.25 133	8.50 215	9.50 241	24.50 622	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	16.7 7.6	43.0 19.5	
2 50	2.375 60.3	9.00 228.60	19.00 482	33.50 850	13.75 349	16.00 406	—	5.25 133	8.50 215	9.50 241	24.50 622	8.59 218.18	1.25 31.75	6.98 177.29	1.90 48.26	3.38 85.85	17.0 7.7	43.3 19.6	
2½ 65	2.875 73.0	12.61 320.29	20.75 527	35.25 895	13.50 342	16.25 412	—	5.25 133	9.00 228	9.75 247	22.75 577	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
76.1 mm	3.000 76.1	12.61 320.29	20.75 527	35.25 895	13.50 342	16.25 412	—	5.25 133	9.00 228	9.75 247	22.75 577	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
3 80	3.500 88.9	12.61 320.29	20.75 527	35.25 895	13.50 342	16.25 412	—	5.25 133	9.00 228	9.75 247	22.75 577	8.48 215.39	1.70 43.18	6.93 176.02	2.50 63.50	5.63 143.00	41.0 18.7	65.0 29.5	
4 100	4.500 114.3	15.03 381.76	23.25 590	37.75 958	15.00 381	16.25 412	17.25 438	5.50 139	9.00 228	11.25 285	22.75 577	7.80 198.12	2.56 65.02	8.46 214.88	2.80 71.12	6.62 168.14	59.0 26.7	100.0 43.3	
165.1 mm	6.500 165.1	16.00 406.40	23.25 590	37.75 958	15.50 393	17.25 438	17.50 444	6.00 152	8.50 215	11.50 292	21.75 552	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	121.0 54.8	
6 150	6.625 168.3	16.00 406.40	23.25 590	37.75 958	15.50 393	17.25 438	17.50 444	6.00 152	8.50 215	11.50 292	21.75 552	7.79 197.86	2.56 65.02	8.84 224.53	2.80 71.12	6.62 168.14	80.0 36.2	121.0 54.8	
8 200	8.625 219.1	17.50 444.50	23.00 584	37.75 958	16.75 425	20.00 508	—	7.00 177	8.75 222	13.00 330	20.25 514	7.59 192.78	2.56 65.02	10.21 259.33	3.02 76.70	6.62 168.14	122.0 55.3	163.0 73.9	

- Single set point of 13 psi/90 kPa of air allows for a smaller compressor and easier set-up
- Low differential, latched clapper valve that separates system water from preaction pipe sprinkler systems
- Full trim packages for non-interlocked, single-interlocked and double-interlocked systems are available
- Available bare, pretrimmed, as a Vic-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300psi/2065 kPa
- Sizes from 1½ – 8" / 40 – 200 mm

* Takes optional equipment into account.

IMPORTANT NOTES:

The drawings shown above reflect the pneumatic/electric actuator.

Available in the following trim configurations:

- Non-interlock
 - Pneumatic release
 - Electric release
- Single-interlock
 - Pneumatic release
 - Electric release
- Double-interlock
 - Pneumatic/electric release
 - Electric/pneumatic/electric release
 - Pneumatic/pneumatic release

Components shown as dotted lines denote optional equipment.

Optional drain connection kit is shown for reference and takeout dimensions.

FireLock Automatic Devices and Accessories

FireLock Alarm Check Valve

SERIES 751

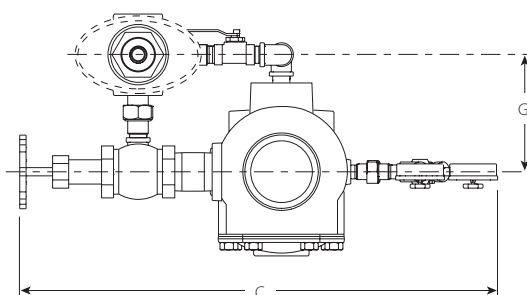
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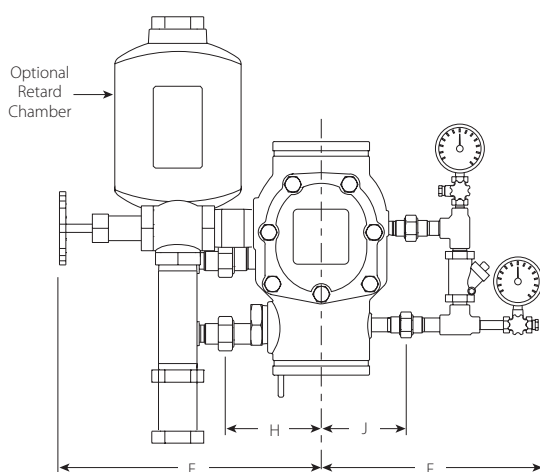
Size		Dimensions										Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	J Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg	
1 1/2 40	1.900 48.3	9.00 228.60	18.50 470	21.00 533	12.50 318	10.00 254	11.00 279	9.00 229	5.00 127	5.00 127	14.2 6.4	31.0 14.1	
2 50	2.375 60.3	9.00 228.60	18.50 470	21.00 533	12.50 318	10.00 254	11.00 279	9.00 229	5.00 127	5.00 127	14.6 6.6	31.0 14.1	
2 1/2 65	2.875 73.0	12.61 320.29	22.50 572	23.50 597	13.50 343	11.25 286	12.00 305	9.00 229	5.00 127	5.00 127	34.4 15.6	52.0 23.6	
76.1 mm	3.000 76.1	12.61 320.29	22.50 572	23.50 597	13.50 343	11.25 286	12.00 305	9.00 229	5.00 127	5.00 127	34.4 15.6	52.0 23.6	
	3 80	3.500 88.9	12.61 320.29	22.50 572	23.50 597	13.50 343	11.25 286	12.00 305	5.00 127	5.00 127	35.3 16.0	52.0 23.6	
4 100	4.500 114.3	15.03 381.76	23.50 597	29.00 737	14.00 356	13.50 343	15.00 381	10.00 254	5.80 147	5.80 147	49.0 22.2	80.0 36.3	
165.1 mm	6.500 165.1	16.00 406.40	24.00 610	30.11 765	17.28 439	14.25 362	16.00 406	10.00 254	5.88 149	6.02 153	69.0 31.3	95.0 43.1	
	6 150	6.625 168.3	16.00 406.40	24.00 610	30.11 765	17.28 439	14.25 362	16.00 406	5.88 149	6.02 153	69.0 31.3	91.0 41.3	
8 200	8.625 219.1	17.50 444.50	26.00 660	30.00 762	18.00 457	15.25 387	16.00 406	10.00 254	16.00 406	10.00 254	142 64.4	182 82.6	



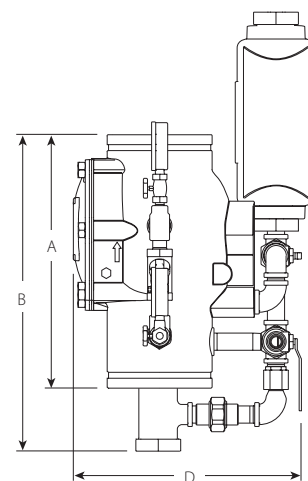
- Prevents the reverse flow of water from the system piping to the water supply
- The bypass line allows pressure surges to enter the system without causing false alarms
- Can be installed in both horizontal or vertical positions
- Excess pressure pump trim option available upon request
- For available accessories, see pg. 60
- Pressure rated up to 300 psi/2065 kPa for sizes 1 1/2 – 6"/40 – 150 mm
- Pressure rated up to 225 psi/1550 kPa for size 8"/200 mm



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FIRELOCK AUTOMATIC DEVICES AND ACCESSORIES

FireLock Automatic Devices and Accessories

FireLock Alarm Check Valve

SERIES 759

For Complete Information
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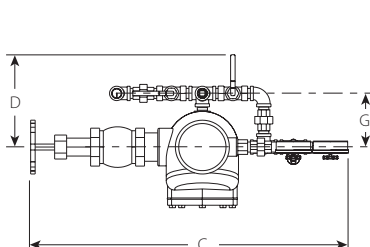
- Can be installed in both horizontal or vertical positions
- Also available in JIS standard sizes
- Excess pressure pump trim option available upon request
- For available accessories, see pg. 60
- Pressure rated up to 175 psi/1200 kPa
- Sizes from 3 – 8" / 80 – 200 mm

FIRELOCK AUTOMATIC DEVICES AND ACCESSORIES

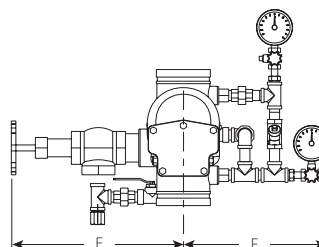
Size		Dimensions										Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm		Without Trim Lbs. kg	With Trim Lbs. kg

STANDARD TRIM

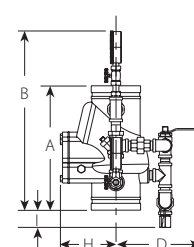
76.1 mm	3.000 76.1	10.50 266.7	17.00 431.8	24.00 609.6	9.00 228.6	11.00 279.4	13.00 330.2	5.00 127.0	5.00 127.0	2.00 50.8	17.0 7.7	29.0 13.2
3 80	3.500 88.9	10.50 266.7	17.00 431.8	24.00 609.6	9.00 228.6	11.00 279.4	13.00 330.2	5.00 127.0	5.00 127.0	2.00 50.8	17.0 7.7	29.0 13.2
4 100	4.500 114.3	11.37 288.5	17.00 431.8	27.00 685.8	9.00 228.6	15.00 381.0	12.00 304.8	5.00 127.0	6.00 152.4	2.00 50.8	30.0 13.6	40.0 18.1
165.1 mm	6.500 165.1	14.10 358.1	19.00 482.6	30.00 762.0	10.00 254.0	16.00 406.4	14.00 355.6	6.00 152.4	7.00 177.8	1.00 25.4	63.0 28.6	73.0 34.0
6 150	6.625 168.3	14.10 358.1	19.00 482.6	30.00 762.0	10.00 254.0	16.00 406.4	14.00 355.6	6.00 152.4	7.00 177.8	1.00 25.4	63.0 28.6	73.0 34.0
8 200	8.625 219.1	17.00 431.8	22.00 558.8	32.00 812.8	10.00 254.0	16.00 406.4	16.00 406.4	7.00 177.8	8.00 203.2	0.50 12.7	94.0 42.6	109.0 49.4



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES

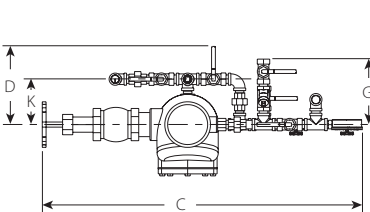


TYPICAL FOR ALL SIZES

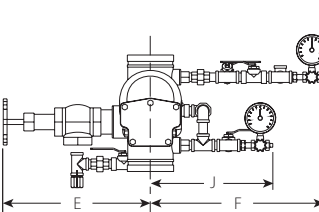
Size		Dimensions												Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm	J Inches mm	K Inches mm		Without Trim Lbs. kg	With Trim Lbs. kg

EXCESS PUMP TRIM

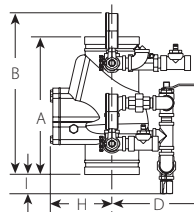
76.1 mm	3.000 76.1	10.50 266.7	12.00 304.8	28.00 711.2	8.00 203.2	12.00 304.8	17.00 431.8	7.00 177.8	5.00 127.0	2.00 50.8	13.00 330.2	5.00 127.0	17.0 7.7	29.0 13.2
3 80	3.500 88.9	10.50 266.7	12.00 304.8	28.00 711.2	8.00 203.2	12.00 304.8	17.00 431.8	7.00 177.8	5.00 127.0	2.00 50.8	13.00 330.2	5.00 127.0	17.0 7.7	29.0 13.2
4 100	4.500 114.3	11.37 288.5	14.00 355.6	32.00 812.8	9.00 228.6	15.00 381.0	17.00 431.8	7.00 177.8	6.00 152.4	2.00 50.8	12.00 304.8	5.00 127.0	30.0 13.6	40.0 18.1
165.1 mm	6.500 165.1	14.10 358.1	16.00 406.4	36.00 914.4	10.00 254.0	16.00 406.4	20.00 508.0	9.00 228.6	7.00 177.8	1.00 25.4	14.00 355.6	6.00 152.4	63.0 28.6	73.0 34.0
6 150	6.625 168.3	14.10 358.1	16.00 406.4	36.00 914.4	10.00 254.0	16.00 406.4	20.00 508.0	9.00 228.6	7.00 177.8	1.00 25.4	14.00 355.6	6.00 152.4	63.0 28.6	73.0 34.0
8 200	8.625 219.1	17.00 431.8	18.00 457.2	38.00 965.2	10.00 254.0	17.00 431.8	21.00 533.4	9.00 228.6	8.00 203.2	0.50 12.7	15.00 381.0	7.00 177.8	94.0 42.6	109.0 49.4



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES

FireLock Automatic Devices and Accessories

FireLock Dry System Check Valve

SERIES 756

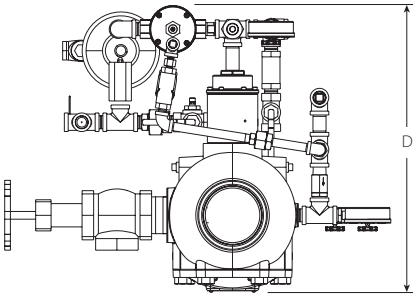
For Complete Information
Request Publication 30.03



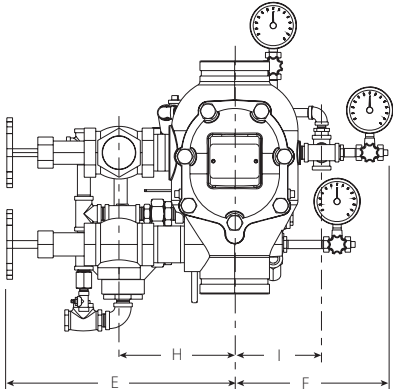
- 8-to-1 differential, latched clapper valve that separates system water from dry pipe sprinkler systems
- With optional accelerator the valve can be configured to respond faster for use in larger systems
- Available bare, pretrimmed, as a Vic®-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300 psi/2065 kPa for sizes 1½ – 2"/40 – 50 mm

NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

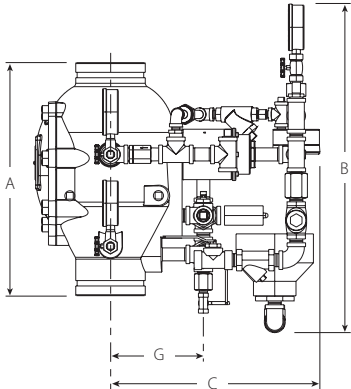
Size		Dimensions									Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg
1 ½ 40	1.900 48.3	9.00 228.60	21.00 533	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	16.7 7.6	43.0 19.5
2 50	2.375 60.3	9.00 228.60	21.00 533	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	17.0 7.7	43.3 19.6



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES

IMPORTANT NOTES:

The drawings shown reflect the dry pilot trim with Series 753A dry actuator.
Series 776 low pressure actuator is standard for Europe and is available as an option for all other areas.

FireLock Automatic Devices and Accessories

FireLock Deluge System Check Valve

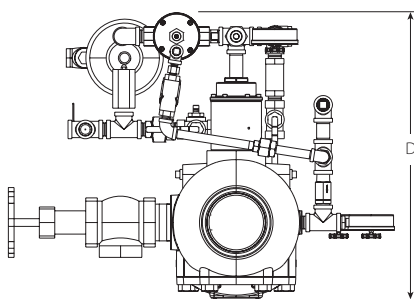
SERIES 758

For Complete Information
Request Publication 30.04



NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

Size		Dimensions									Approx. Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg
1 1/2 40	1.900 48.3	9.00 228.60	21.00 533	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	16.7 7.6	43.0 19.5
2 50	2.375 60.3	9.00 228.60	21.00 533	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	17.0 7.7	43.3 19.6

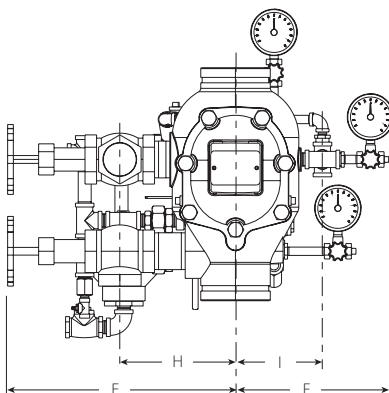


TYPICAL FOR ALL SIZES

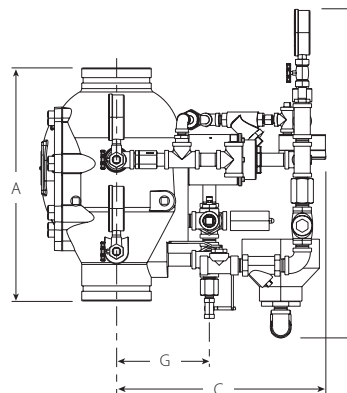
IMPORTANT NOTES:

The drawings shown reflect the dry pilot trim with Series 776 low pressure actuator.

Available wet pilot, dry pilot with the Series 753A dry or Series 776 low pressure actuator/anti-flood device, or electronically actuated with the Series 753E solenoid actuator.



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES



- Low differential, latched clapper valve that separates system water from deluge pipe sprinkler systems
- Available in pneumatic, hydraulic, and electric actuation methods
- Available bare, pretrimmed, as a Vic-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300psi/2065kPa for sizes 1½ – 2"/40 – 50mm

FireLock Automatic Devices and Accessories

FireLock Preaction System Check Valve

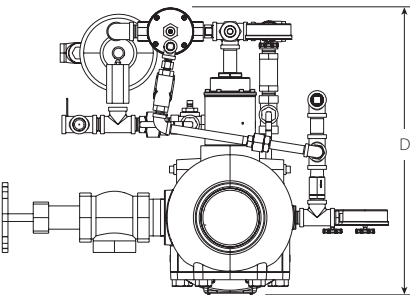
SERIES 758

For Complete Information
Request Publication 30.05



NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

Size		Dimensions									Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg
1 ½ 40	1.900 48.3	9.00 228.60	32.00 813	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	16.7 7.6	43.0 19.5
2 50	2.375 60.3	9.00 228.60	32.00 813	13.00 330	18.00 457	13.00 330	10.00 254	7.00 178	4.00 102	4.00 102	17.0 7.7	43.3 19.6



TYPICAL FOR ALL SIZES

IMPORTANT NOTES:

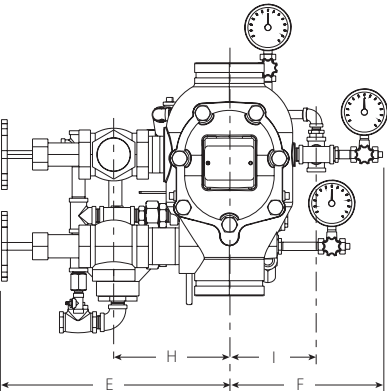
The drawings shown reflect the double interlock pneumatic/ electric trim with Series 776 low pressure actuator.

Available in the following trim configurations:

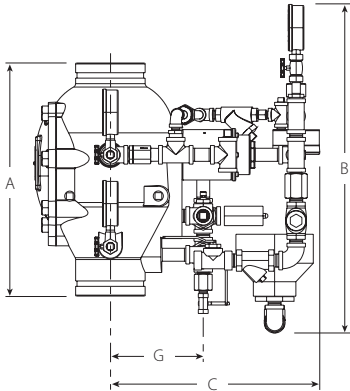
- Non-interlock
 - Pneumatic release
 - Electric release
- Single-interlock
 - Pneumatic release
 - Electric release
- Double-interlock
 - Pneumatic/electric release
 - Electric/pneumatic/electric release
 - Pneumatic/pneumatic release



- Low differential, latched clapper valve that controls the water supply entry into a preaction system piping and sprinklers
- Available in non-interlock, single-interlock, or double-interlock configurations
- Available bare, pretrimmed, as a Vic-Quick riser or in a Series 745 FireLock Fire-Pac cabinet, pg. 58
- For available accessories and actuators, see pg. 60
- Pressure rated up to 300psi/2065 kPa for sizes 1 1/2 – 2”/40 – 50mm



TYPICAL FOR ALL SIZES



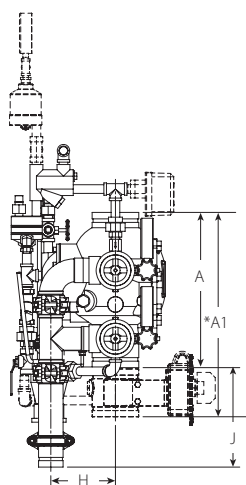
TYPICAL FOR ALL SIZES

FireLock Automatic Devices and Accessories

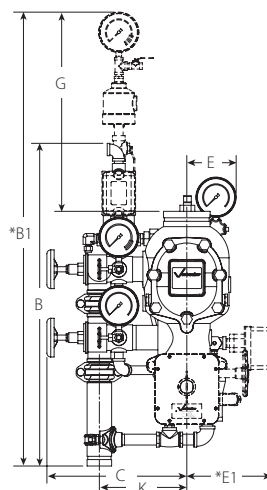
Vic-Quick Riser

For NXT Series 768
Dry System Check Valve

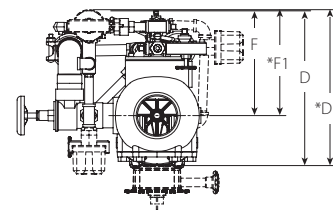
For Complete Information
Request Publication 30.20



TYPICAL FOR ALL SIZES



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NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

Size		Dimensions															Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A Inches mm	A1 * Inches mm	B Inches mm	B1 * Inches mm	C Inches mm	D Inches mm	D1 * Inches mm	E Inches mm	E1 * Inches mm	F Inches mm	F1 * Inches mm	G Inches mm	H Inches mm	J Inches mm	K Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg
1½ 40	1.900 48.3	9.00 228.60	16.37 415.80	28.25 718	34.50 876	10.75 273	12.50 318	16.75 425	5.25 133	8.75 222	9.25 235	11.00 279	16.25 413	3.04 77.22	9.17 232.92	6.98 177.29	16.7 7.6	43.0 19.5
2 50	2.375 60.3	9.00 228.60	16.37 415.80	27.25 692	37.00 940	10.75 273	12.50 318	16.75 425	5.25 133	8.75 222	9.25 235	11.00 279	19.00 483	3.04 77.22	9.17 232.92	6.98 177.29	17.0 7.7	43.3 19.6
2½ 65	2.875 73.0	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
76.1 mm	3.000 76.1	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
3 80	3.500 88.9	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
4 100	4.500 114.3	15.03 381.76	19.79 502.67	33.25 845	46.25 1175	15.25 387	15.50 394	16.00 406	5.50 140	8.75 222	10.50 267	10.75 273	21.50 546	6.24 158.50	9.63 244.60	8.47 215.13	59.0 26.7	95.0 43.0
165.1 mm	6.500 165.1	16.00 406.40	22.01 559.05	33.75 857	45.50 1156	15.75 400	16.75 425	22.00 559	6.25 159	8.75 222	11.25 286	11.25 286	20.75 527	6.20 157.48	9.63 244.60	8.85 224.79	80.0 36.2	116.0 52.6
6 150	6.625 168.3	16.00 406.40	22.01 559.05	33.75 857	45.50 1156	15.75 400	16.75 425	22.00 559	6.25 159	8.75 222	11.25 286	11.25 286	20.75 527	6.20 157.48	9.63 244.60	8.85 224.79	80.0 36.2	116.0 52.6
8 200	8.625 219.1	17.50 444.50	23.10 586.74	33.50 851	45.50 1156	17.00 432	19.75 502	26.50 673	8.75 222	9.00 229	12.75 324	13.90 353	16.50 419	6.25 158.75	9.41 239.01	10.22 259.59	122.0 55.3	158.0 71.6

- Valve pre-trimmed to speed installation
- Includes control valves, pressure switches, and drain kit
- Sizes from 1½–8"/40–200mm

* Takes optional equipment into account.

IMPORTANT NOTES:

The drawings shown above reflect the dry pilot trim with Series 776 low pressure actuator.

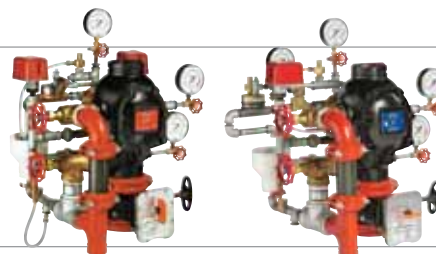
Components shown as dotted lines denote optional equipment.

Optional drain connection kit is shown for reference and takeout dimensions.

Vic-Quick Riser

For Series 756 Dry, Series 758 Preaction
and Deluge System Check Valves

For Complete Information
Request Publication 30.20

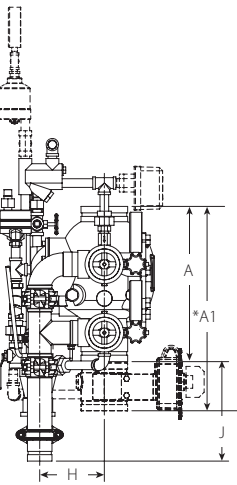


FireLock Automatic Devices and Accessories

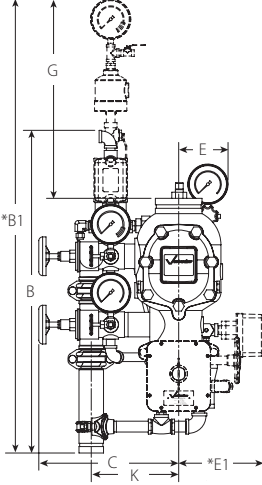
Vic-Quick Riser

For NXT Series 769 Deluge and
Preaction System Check Valves

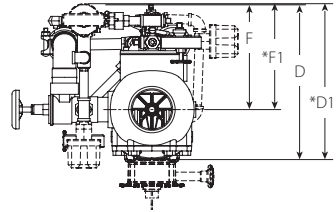
For Complete Information
Request Publication 30.20



TYPICAL FOR ALL SIZES



TYPICAL FOR ALL SIZES



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NOT CURRENTLY AVAILABLE IN ALL AREAS. CONTACT YOUR LOCAL VICTAULIC REPRESENTATIVE FOR AVAILABILITY.

Size		Dimensions															Approximate Weight Each	
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A Inches mm	A1 * Inches mm	B Inches mm	B1 * Inches mm	C Inches mm	D Inches mm	D1 * Inches mm	E Inches mm	E1 * Inches mm	F Inches mm	F1 * Inches mm	G Inches mm	H Inches mm	J Inches mm	K Inches mm	Without Trim Lbs. kg	With Trim Lbs. kg
1½ 40	1.900 48.3	9.00 228.60	16.37 415.80	28.25 718	34.50 876	10.75 273	12.50 318	16.75 425	5.25 133	8.75 222	9.25 235	11.00 279	16.25 413	3.04 77.22	9.17 232.92	6.98 177.29	16.7 7.6	43.0 19.5
2 50	2.375 60.3	9.00 228.60	16.37 415.80	27.25 692	37.00 940	10.75 273	12.50 318	16.75 425	5.25 133	8.75 222	9.25 235	11.00 279	19.00 483	3.04 77.22	9.17 232.92	6.98 177.29	17.0 7.7	43.3 19.6
2½ 65	2.875 73.0	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
76.1 mm	3.000 76.1	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
3 80	3.500 88.9	12.61 320.29	16.51 419.35	30.50 775	40.50 1029	12.50 318	13.50 343	19.50 495	5.00 127	9.00 229	9.00 229	11.00 279	17.50 445	3.90 99.06	10.50 266.70	6.93 176.02	41.0 18.7	65.0 29.5
4 100	4.500 114.3	15.03 381.76	19.79 502.67	33.25 845	46.25 1175	15.25 387	15.50 394	16.00 406	5.50 140	8.75 222	10.50 267	10.75 273	21.50 546	6.24 158.50	9.63 244.60	8.47 215.13	59.0 26.7	95.0 43.0
165.1 mm	6.500 165.1	16.00 406.40	22.01 559.05	33.75 857	45.50 1156	15.75 400	16.75 425	22.00 559	6.25 159	8.75 222	11.25 286	11.25 286	20.75 527	6.20 157.48	9.63 244.60	8.85 224.79	80.0 36.2	116.0 52.6
6 150	6.625 168.3	16.00 406.40	22.01 559.05	33.75 857	45.50 1156	15.75 400	16.75 425	22.00 559	6.25 159	8.75 222	11.25 286	11.25 286	20.75 527	6.20 157.48	9.63 244.60	8.85 224.79	80.0 36.2	116.0 52.6
8 200	8.625 219.1	17.50 444.50	23.10 586.74	33.50 851	45.50 1156	17.00 432	19.75 502	26.50 673	8.75 222	9.00 229	12.75 324	13.90 353	16.50 419	6.25 158.75	9.41 239.01	10.22 259.59	122.0 55.3	158.0 71.6

- Valve pre-trimmed to speed installation
- Includes control valves, pressure switches, and drain kit
- Sizes from 1½–8"/40–200mm

* Takes optional equipment into account.

IMPORTANT NOTES:

The drawings shown above reflect the dry pilot trim with Series 776 low pressure actuator.

Components shown as dotted lines denote optional equipment.

Optional drain connection kit is shown for reference and takeout dimensions.

FireLock Automatic Devices and Accessories

FireLock Fire-Pac

SERIES 745

For Complete Information
Request Publication 30.23



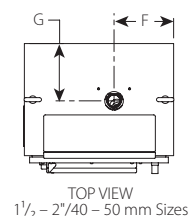
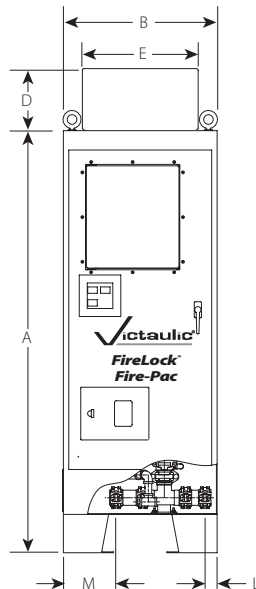
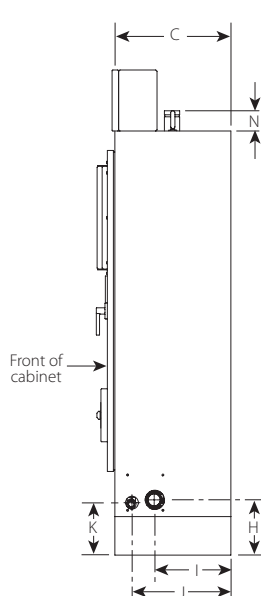
- Completely pre-assembled fire protection valve that provides maximum service in a minimal enclosed space
- All electrical enclosures and connections are UL listed, and all materials and wiring conform to NFPA requirements; CSA wiring for Canada available upon request
- Sizes from 1½–6"/40–150mm for the following configurations:
Dry
Deluge – Wet pilot, dry pilot, and electric actuation
Preaction – Non-interlock, single-interlock, and double-interlock

Size		Dimensions											
Nominal Size Inches mm	Actual Outside Diameter Inches mm	A End to End Inches mm	B Height Inches mm	C Width Inches mm	D Depth Inches mm	E Inches mm	F Inches mm	G Inches mm	H Inches mm	I Inches mm	J Inches mm	K Inches mm	
1½ 40	1.900 48.3	66.06 1678	24.06 611	18.07 459	9.50 241	18.00 457	9.60 244	9.23 234	8.60 218	11.53 293	15.40 391	8.16 207	
2 50	2.375 60.3	66.06 1678	24.06 611	18.07 459	9.50 241	18.00 457	9.60 244	9.23 234	8.60 218	11.95 304	15.40 391	8.16 207	
2½ 65	2.875 73.0	65.00 1651	32.00 813	24.00 610	9.50 241	12.00 305	14.00 356	12.00 305	18.50 470	12.00 305	21.50 546	17.75 451	
3 80	3.500 88.9	65.00 1651	32.00 813	24.00 610	9.50 241	12.00 305	14.00 356	12.00 305	18.50 470	12.00 305	21.50 546	17.75 451	
4 100	4.500 114.3	65.00 1651	32.00 813	24.00 610	9.50 241	12.00 305	14.00 356	12.00 305	18.50 470	12.00 305	21.50 546	17.75 451	
6 150	6.625 168.3	65.00 1651	32.00 813	24.00 610	9.50 241	12.00 305	14.00 356	12.00 305	18.50 470	12.00 305	21.50 546	17.75 451	

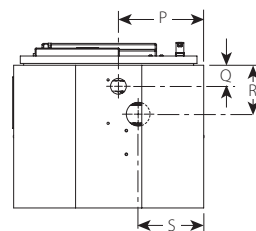
FIRELOCK AUTOMATIC DEVICES AND ACCESSORIES



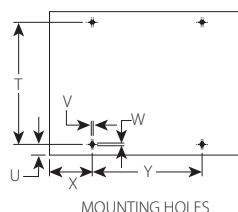
1½–2"/40–50 mm SIZES



TOP VIEW
1½–2"/40–50 mm Sizes



BOTTOM VIEW



MOUNTING HOLES

FireLock Automatic Devices and Accessories

FireLock Fire-Pac

SERIES 745

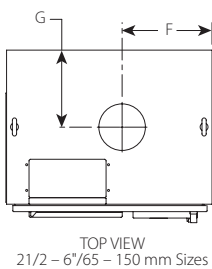
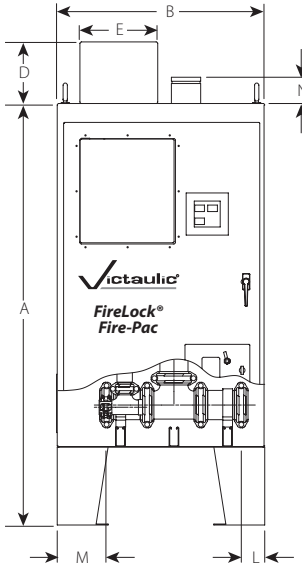
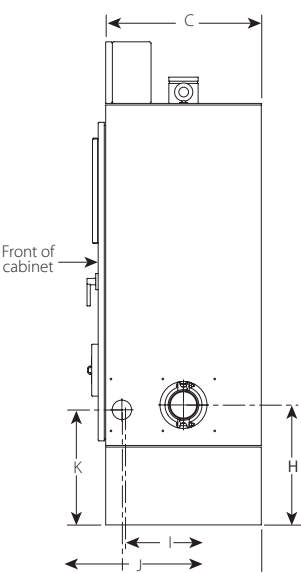
For Complete Information
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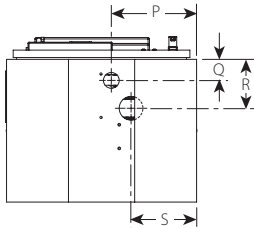
Dimensions														Approximate Weight Each
	L Inches mm	M Inches mm	N Inches mm	P Inches mm	Q Inches mm	R Inches mm	S Inches mm	T Inches mm	U Inches mm	V Inches mm	W Inches mm	X Inches mm	Y Inches mm	Lbs. kg
	2.52 64	8.66 220	1.90 48	10.79 274	2.63 67	6.19 157	8.29 211	14.00 356	2.00 51	0.312 8	0.438 11	6.81 173	10.50 267	350.0 158.8
	1.90 48	8.25 210	3.15 80	10.79 274	2.63 67	6.19 157	8.29 211	14.00 356	2.00 51	0.312 8	0.438 11	6.81 173	10.50 267	360.0 163.3
	2.62 67	6.67 169	5.27 134	—	—	—	—	20.00 508	1.75 45	0.312 8	0.438 11	7.00 178	18.00 457	516.0 234.1
	3.75 95	7.50 191	4.17 106	—	—	—	—	20.00 508	1.75 45	0.312 8	0.438 11	7.00 178	18.00 457	522.0 236.8
	3.60 91	7.60 193	4.05 103	—	—	—	—	20.00 508	1.75 45	0.312 8	0.438 11	7.00 178	18.00 457	720.0 326.6
	2.07 53	6.12 155	3.73 95	—	—	—	—	20.00 508	1.75 45	0.312 8	0.438 11	7.00 178	18.00 457	840.0 381.0



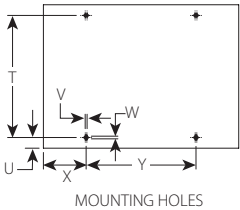
2½ – 6" (65-150 MM) SIZES



TOP VIEW
2 1/2 – 6"/65 – 150 mm Sizes



BOTTOM VIEW



MOUNTING HOLES

FIRELOCK AUTOMATIC DEVICES AND ACCESSORIES



FireLock Device Accessories

Accessories

A full line of related audible and visible detectors, sensors, actuators, accelerators and other critical system components to customize any system are available.



Series 768 Dry Pg. 48	Series 769 Deluge Pg. 49	Series 769 Preaction Pg. 50	Series 751 Alarm Pg. 51	Series 759 Alarm Pg. 52	Series 756 Dry Pg. 53	Series 758 Deluge Pg. 54	Series 758 Preaction Pg. 55
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STANDARD

Series 753-A Dry Actuator/ Anti-Flood Device					●	●	●
Series 753-E Solenoid Actuator		●	●			●	●
Series 767 Electric/Pneumatic Actuator			●				
Series 776 Low Pressure Actuator	●	●	●		●	●	●
Series 798 Double Pneumatic Actuator			●				●
Series 729 Ball Drip Assembly	●	●	●		●	●	●
Series 748 Ball Check Valve	●	●	●		●	●	●
Series 749 Auto Drain Assembly	●	●	●		●	●	●
Series 755 Manual Pull Station		●	●			●	●

OPTIONAL

Series 746 Dry Accelerator					●	●	●
Series 746-LPA Dry Accelerator	●	●	●		●†	●†	●†
Series 752 Firelock Retard Chamber				●	●		
Series 757/757P Air Maintenance Trim Assembly	●	●	●		●	●	●
Series 75-D Water Column Component Drain Kit	●	●	●		●	●	●
Series 75-B Supplemental Alarm Kit	●	●	●		●	●	●
Series 760 Water Motor Alarm	●	●	●	●	●	●	●
Drain Connection Kit	●	●	●	●		●	●

ELECTRICAL

Alarm Pressure Switches	●	●	●	●	●	●	●
Supervisory Switches	●	●	●			●	●

† Must be used with the Series 776 low pressure actuator.

FireLock Device Accessories

Standard



Series 753-A Dry Actuator/
Anti-Flood Device
(Not available in Europe
and Middle East)

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Series 753-E
Solenoid Actuator

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Series 767
Electric/Pneumatic Actuator

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Series 776 Low
Pressure Actuator
(Standard in Europe
and Middle East)

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Series 798 Double
Pneumatic Actuator

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Optional



Series 746 FireLock
Dry Accelerator
(For use with Series 753-A
actuator only)

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Series 746-LPA FireLock
Dry Accelerator
(For use with Series 776, 767,
and 798 actuators only)

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Series 752 FireLock
Retard Chamber

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Series 755 Manual
Pull Station

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Series 757 Air Maintenance
Trim Assembly

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Series 757P Air Maintenance
Trim Assembly

Request Publication 30.36



Series 760 FireLock
Water Motor Alarm

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