

## For Fire Protection Applications

Job Name _____	Contractor _____
Job Location _____	Approval _____
Engineer _____	Contractor's P.O. No. _____
Approval _____	Representative _____

# No. FP53L

## 1/2" Pressure Relief Valve

Set 175 psi



Underwriters Laboratory listed

Watts No. FP53L is designed for use in fire protection grid systems to provide protection against excessive water pressure caused by thermal expansion or line surge. It has a standard 175 psi pressure relief setting and can be installed horizontally or vertically. Bronze body construction with stainless steel spring to inhibit corrosion. The valve is constructed with a precision stem guide to ensure proper reseating. The test lever affords periodic manual testing and flushing of waterways and seating surfaces.

### FEATURES

- ✦ Underwriters Laboratory listed
- ✦ Forged stainless steel spring
- ✦ Bronze body construction for superior strength and to prevent corrosion
- ✦ Manual test lever
- ✦ Valve stem is guided to enhance reseating
- ✦ 1/2" male inlet x female outlet
- ✦ 175 psi pressure setting

### DIMENSIONS/WEIGHT

No.	Size	Height	Width	Weight
FP53L	1/2"	3 1/2"	1 7/8"	1/2 lb.

### SPECIFICATIONS

For applications requiring a UL approved relief valve to provide pressure relief protection from water pressure in excess of 175 psi. Each valve shall be bronze body construction with forged stainless steel spring. It shall have a test lever and the valve shall be guided to enhance reseating and to decrease chance of the seat being misaligned. Watts Regulator Company Model No. FP53L.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts serves the right to change or modify product design, construction, specifications, or materials with out prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



1/2" NPT  
Female  
Outlet

1/2" NPT  
Male  
Outlet



Pressure Relief Valves should be tested periodically to ensure that the product has not been affected by corrosive water conditions and to ensure that the valve and discharge piping have not been altered or tampered with.

**A LEADER IN VALVE TECHNOLOGY**  
  
 — Since 1874 — Watts Industries, Inc. —  
**Water Products Division • Safety & Control Valves**

USA: 815 Chestnut Street, North Andover, MA 01845-6098  
 Canada: 5435 North Service Road, Burlington, Ontario L7L 5H7

## Series B-6000-UL/B-6001-UL

2-Piece, Bronze, Standard Port Ball Valves

No. B-6000  
1/4" - 2"  
Threaded Ends



No. B-6001  
3/8" - 2"  
Solder Ends

- Sizes 1/4" - 1/2" and 1 1/4" - 2" have Durafill seats (carbon/glass-filled PTFE); sizes 3/4" and 1" have Uniseal seats (enhanced PTFE).
- Electroless Nickel plated brass ball
- Sizes 1/4" - 2" pressure rated at 600 WOG and 150 WSP
- Adjustable stem packing gland
- Temperatures from 0° to 450°F (-18° to 232°C) at 50 psi (3.4 bars) for Durafill/Uniseal seats, and 0 to 350°F (-18° to 177°C) at 50 psi (3.4 bars) for Virgin PTFE.

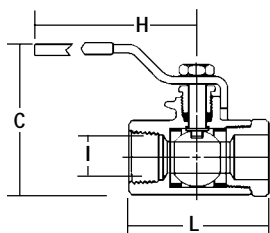
Models: B-6000-UL  
U.L. fire protection 1/4" - 2" - HFVFX

B-6000-UL

Size	Dimensions (Inches)				Weight lbs.
	C	H	I	L	
1/4	1 3/4	3 1/16	3/8	2 1/16	.6
3/8	1 3/4	3 1/16	3/8	2 1/16	.6
1/2	1 3/4	3 3/4	1/2	2 1/4	.6
3/4	2	3 3/4	11/16	2 3/16	1.0
1	2 1/4	4 1/2	7/8	3 1/16	1.6
1 1/4	2 1/2	3 13/16	1	3 7/8	2.2
1 1/2	3	5 1/2	1 1/4	4 1/4	3.2
2	3 5/16	5 1/2	1 1/2	4 13/16	4.9

B-6001-UL

Size	C	H	I	L	Weight lbs.
3/8	1 1/2	3 3/4	3/8	2 5/16	.5
1/2	1 3/4	3 3/4	1/2	2 7/8	.6
3/4	2	3 3/4	11/16	3 5/16	1.1
1	2 1/2	4 1/2	7/8	3 3/4	1.4
1 1/4	2 1/2	3 13/16	1	4 1/2	2.0
1 1/2	3	5 1/2	1 1/4	5	3.3
2	3 5/16	5 1/2	1 1/2	6 1/4	5.2



For additional information, send for ES-B6000.

## Series 408-OSY-RW Iron Flanged OS&Y Gate Valves For Water Service

ASTM A126 Class B Iron gate valves.  
250 psi CWP non-shock. Max. Temp. 140°F

### Series 408-OSY-RW

Sizes 2 1/2" - 12"

Resilient wedge disc design,  
epoxy coated for additional  
corrosion resistance.

- Easy in-line service
- Full port flow - low head loss

UL Listed / FM Approved



## No. FS10-F Waterflow Detectors for Fire Protection sprinkler Service

No. FS10-F

Waterflow detectors provide a positive way of indicating the flow of water in any distribution, branch or mainline piping of a sprinkler system. Underwriters Laboratories listed for automatic sprinkler protection service and signalling systems in branch piping or mainline sprinkler systems. It immediately indicates the location of an open head(s).

For pipe size 1", 1 1/4" or 1 1/2" using standard ASTM tees. Factory set and sealed for a minimum alarm flow rate of 4 to 10 gpm.

Max. pressure 175 psi, Max. temperature 300°F. 1" NPT connection. Weight 2.5 lbs.

UL Listed / FM Approved

No. FS10-FL - with indicator light.

- Paddle adaptable for 1", 1 1/4" or 1 1/2" pipe
- High and low sensitivity adjustment
- Single cover retainer screw



For additional information, send for F-FS10-F.

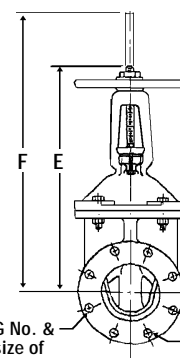
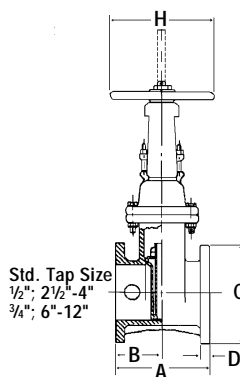


## automatic control valves

For waterworks, commercial, irrigation, fire protection systems and controls. Watts ACV manufactures automatic control valves to solve a wide variety of fluid control problems. Pace-setting features include our exclusive, positive-closure QUAD RING SEAT SEAL, a non-edged seat, and a high-protection, FDA approved, FUSED epoxy finish. In-line maintenance is minimal. Sizes range from 1 1/4" - 16" globe pattern and 1 1/4" - 12" angle pattern.

End connections in threaded, grooved and flanged. Main valve materials are available in cast iron, ductile iron, steel, aluminum, bronze and aluminum bronze. Pilot operated, diaphragm actuated, the valve is capable of numerous functional combinations.

For additional information, send for C-CACV.



Std. Tap Size  
1/2"; 2 1/2"-4"  
3/4"; 6"-12"

G No. &  
size of  
bolt holes

B16.1 Class  
125 Std.  
drilling

Size	Dimensions								Weight lb.
	A	B	C	D	E	F	G	H	
2 1/2	7 1/2	3 3/4	7	1 1/16	13 7/8	16 3/8	4-5/8	7 1/4	55
3	8	4	7 1/2	3/4	15 5/8	18 7/8	4-5/8	10	70
4	9	4 1/2	9	15/16	18 1/4	22 3/4	8-5/8	10	100
6	10 1/2	5 1/4	11	1	23 3/4	30 1/8	8-3/4	12	150
8	11 1/2	5 3/4	13 1/2	1 1/8	29 1/4	37 3/4	8-3/4	14	250
10	13	6 1/2	16	1 1/16	35 3/8	45 3/4	12-7/8	18	400
12	14	7	19	1 1/4	40 5/8	53 1/8	12-7/8	18	580

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