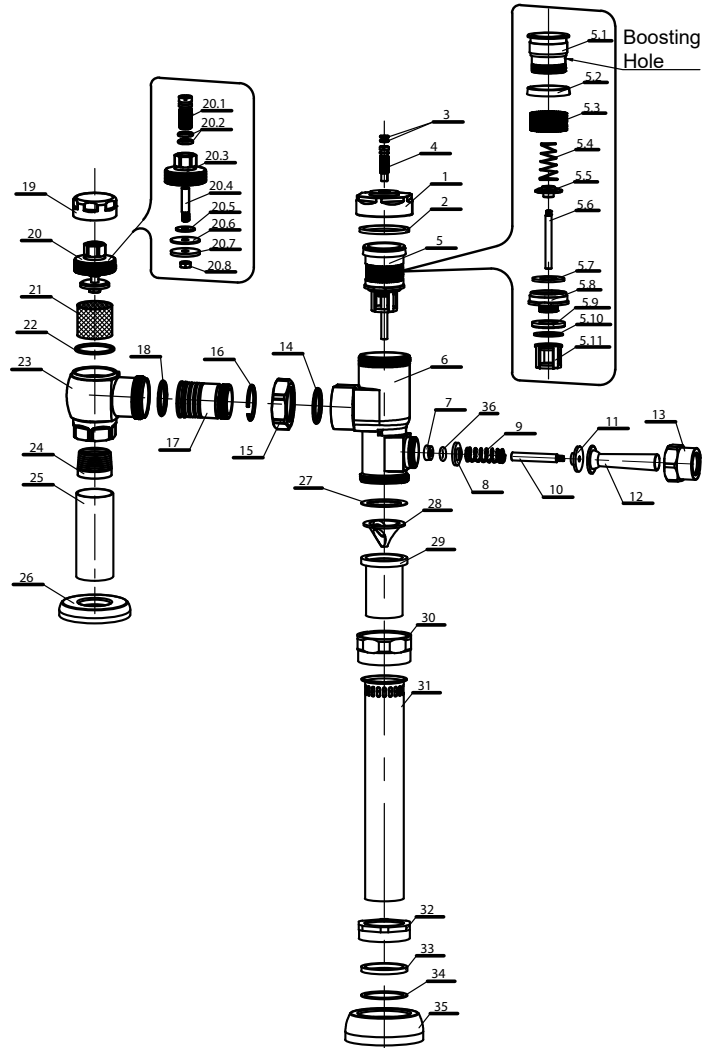




## USW-LFV01CR Exposed Flush Valve Diagram

Part Number	Description:
USW-LFV01-P0100	4050 Flush Top Cover
USW-LFV01-P0200	4050 Washer
USW-LFV01-P0300	4050 O Ring
USW-LFV01-P0400	4050 Timer Rod
USW-LFV01-P0500	4050 Piston
USW-LFV01-P0600	4017 Valve Body
USW-LFV01-P0700	Seal
USW-LFV01-P0800	4014 Seal Pad
USW-LFV01-P0900	4014 Spring
USW-LFV01-P1000	4017 Handle Pusher
USW-LFV01-P1100	4014 Pusher Pad
USW-LFV01-P1200	4014 Handle
USW-LFV01-P1300	Handle Nut
USW-LFV01-P1400	O Ring
USW-LFV01-P1500	2401 Nut
USW-LFV01-P1600	Clamping Groove
USW-LFV01-P1700	2401MB Cross inlet Pipe
USW-LFV01-P1800	O Ring
USW-LFV01-P1900	2401/4050 Cover
USW-LFV01-P2000	Volume Adjusting Assm.
USW-LFV01-P2100	Mess Filter
USW-LFV01-P2200	Gasket
USW-LFV01-P2300	4040 Flow Valve
USW-LFV01-P2400	4040 Inlet Connector
USW-LFV01-P2500	4040 Inlet Deco Cover
USW-LFV01-P2600	4040 Wall Cover
USW-LFV01-P2700	Gasket
USW-LFV01-P2800	Plastic Pipe
USW-LFV01-P2900	Rubber
USW-LFV01-P3000	Nut
USW-LFV01-P3100	Outlet Pipe
USW-LFV01-P3200	4040 Nut
USW-LFV01-P3300	4040 Gasket
USW-LFV01-P3400	4040 Gasket
USW-LFV01-P3500	4040 Deco Cover
USW-LFV01-P3600	O Ring
USW-LFV01-P0510	4050 Piston
USW-LFV01-P0520	2401MB Washer
USW-LFV01-P0530	4050 Filter
USW-LFV01-P0540	4050 Spring
USW-LFV01-P0550	4050 Water Stop Valve
USW-LFV01-P0560	4050 Valve Rod
USW-LFV01-P0570	4050 Gasket
USW-LFV01-P0580	4050 Piston Base
USW-LFV01-P0590	φ35 Water Stop Washer
USW-LFV01-P0510	Pad
USW-LFV01-P0511	4050 Valve Guided holder
USW-LFV01-P2010	4014 Rod
USW-LFV01-P2020	4014 O Ring
USW-LFV01-P2030	2501AB Top Cover
USW-LFV01-P2040	2401 Water Stop Valve
USW-LFV01-P2050	Upper Gasket
USW-LFV01-P2060	Lower Pad
USW-LFV01-P2070	Valve Disc
USW-LFV01-P2080	Valve Disc Nut



### Features:

- The product is provided with a two-stage filter, and the filter(21) is provided in the main body of the flow valve (23) to prevent sundries in the pipeline from entering the product. Filter(5.3) set up in the middle of the Piston Assembly (5) prevent small silt from plugging the Boosting hole.
- The cross inlet Pipe (17) between the flow valve (23) and the valve body (6) is convenient to adjust the center distance between the inlet interface and the outlet interface, with a distance of 110-130 mm.
- A rhombus clamping groove (16) and a cross inlet pipe (17) are provided to prevent the displacement of the valve body(6) when the water pressure is too high (to avoid leakage of the valve body at the skewed outlet nozzle)

### Technical Specification:

- Inlet screw : G1½, G1, G¾
- Outlet screw: G1½, Pipe Dia: φ38, φ32, φ19
- Suitable Pressure: 0-0.6MPa
- Suitable Temperature: ≤50
- Delay time : 7±2S/activation at 0.3MPa
- Flow rate : 4-6L/activation at 0.3MPa

### Notices for Installation:

- Please clean the pipe before install the flushometer.
- Check the cross center distance is in the range of installation diagram between the center of inlet pipe and center of cross outlet pipe of valve, if not, adjust it correct and then connect the inlet pipe.

### Trouble shooting:

Problem	Cause	Trouble Shooting
Water can not be stopped	<ol style="list-style-type: none"> <li>The water stop washer(5.9) of piston (5) blocked by contamination.</li> <li>Washer(5.2) of piston(5) blocked as its expansion.</li> <li>Gasket (5.7) broken caused pressure relief.</li> <li>The boosting hole in the filter (5.3) can not be plugged by scaling.</li> </ol>	<ol style="list-style-type: none"> <li>First, screw out the flow valve cover (19) and counterclockwise tightening the Rod(20.1) with screwdriver.</li> <li>Screw out the cover(1) and take out the piston(5), then clean it.</li> <li>Replace washer(5.2).</li> <li>Replace the gasket(5.7).</li> <li>Take out the filter(5.3), then clean the boosting hole</li> </ol>
Flow is smaller	<ol style="list-style-type: none"> <li>Mesh filter(21) of flow valve (23) blocked.</li> <li>Water pressure is down.</li> </ol>	<ol style="list-style-type: none"> <li>Take out and clean filter(21).</li> <li>High water pressure.</li> </ol>
More delay time	<ol style="list-style-type: none"> <li>Boosting hole in filter(5.3) of piston (5) blocked which influenced the time of pressuring.</li> <li>Delay time adjusted not well.</li> </ol>	<ol style="list-style-type: none"> <li>Take out the filter(5.3), then clean the boosting hole.</li> <li>Counterclockwise adjust the timer nut with screwdriver(4).</li> </ol>
Less delay time	<ol style="list-style-type: none"> <li>Delay time adjusted not well.</li> </ol>	<ol style="list-style-type: none"> <li>Anticlockwise adjust the timer nut with screwdriver(4).</li> </ol>