Harrington, Inc.
LDH System Specialists
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HARRINGTON LDH HYDRANT VALVE

Operating Instructions

The Harrington LDH Hydrant Valve permits the first-due engine to lay the initial supply line directly from the hydrant to the fire. If additional pressure is needed at the hydrant, a pumper can be placed at the hydrant, connect to the valve and start pumping. There is no interruption in water flow.

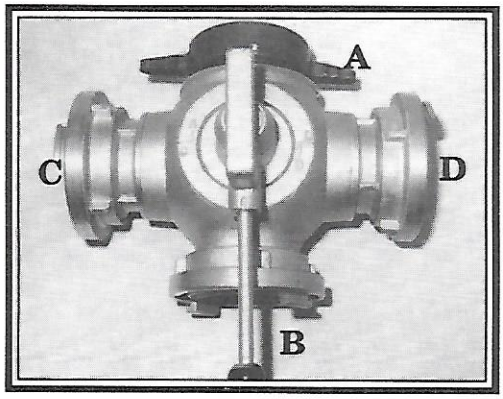


Figure 1

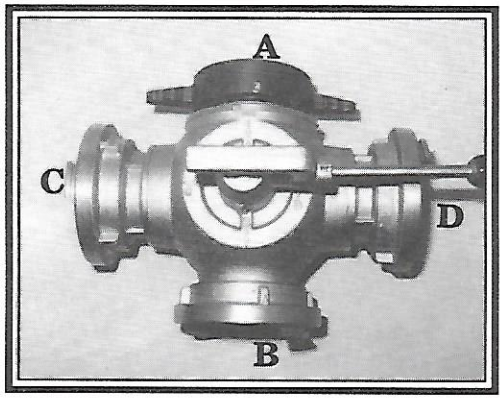


Figure 2

1. The Hydrant Valve is connected to the hydrant with the handle pointing away from the hydrant. Flow is straight through (A to B)
2. When pressure is required, a hose line is connected from port C to the suction inlet of the pumper. Another line is connected from a discharge on the pumper to port D. The valve handle is then pointed at port D (3 o'clock position).

   Flow is then from the valve to suction inlet and pump discharge to valve. There is no interruption in water flow. Water continues to flow straight through the valve until pump overcomes hydrant pressure, automatically closing the clapper.
3. To completely close the hydrant with the Hydrant Valve, change valve handle position to C position (9 o'clock). This is accompanied by moving the upper handle toward the B port knob and moving the handle clockwise.

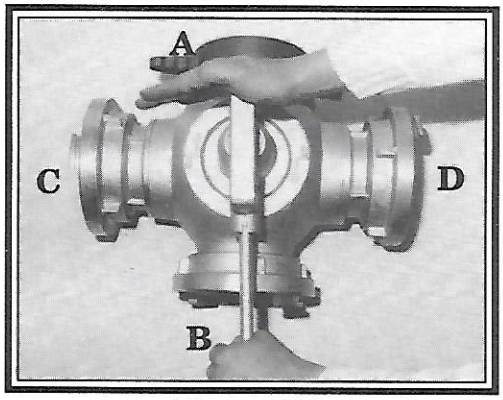
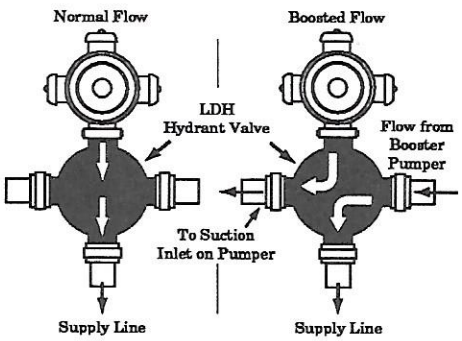


Figure 3A



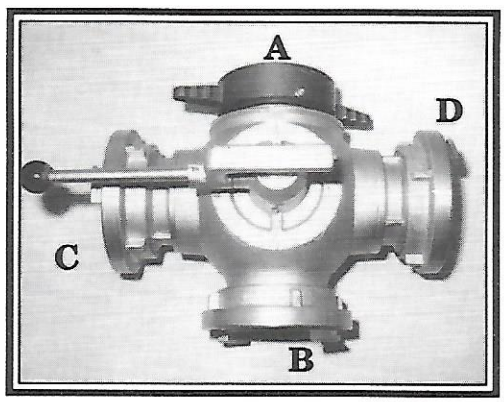


Figure 3B

Note: To reduce the possibility of water hammer, we recommend opening and closing valves slowly.