

# PRIMING SHUT-OFF VALVE



## TECHNICAL DATA

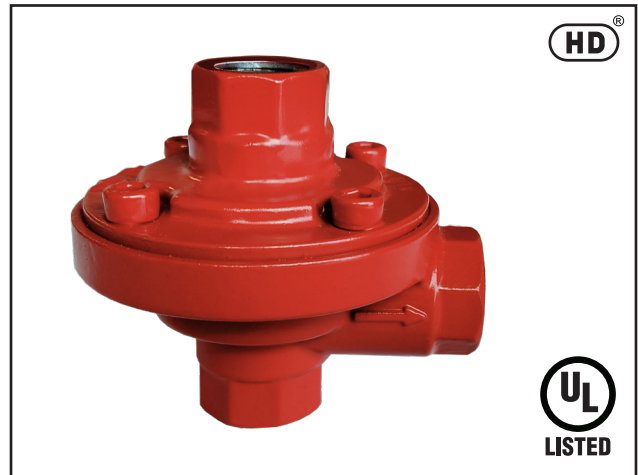
MODEL	PSV1
MATERIAL	Stainless Steel (standard supply) Bronze (optional)
APPROVALS	Part of UL Listed Trim of Deluge Valve
FINISH	Epoxy Painted Red RAL 3001

## DESCRIPTION

HD Priming Shut-off Valve model PSV1 is a small diaphragm operated valve. It is used to positively shut off the priming water supply to a deluge valve upon deluge valve operation. The prime shut-off valve can be used on all of deluge valve trims except when pressure regulation is needed.

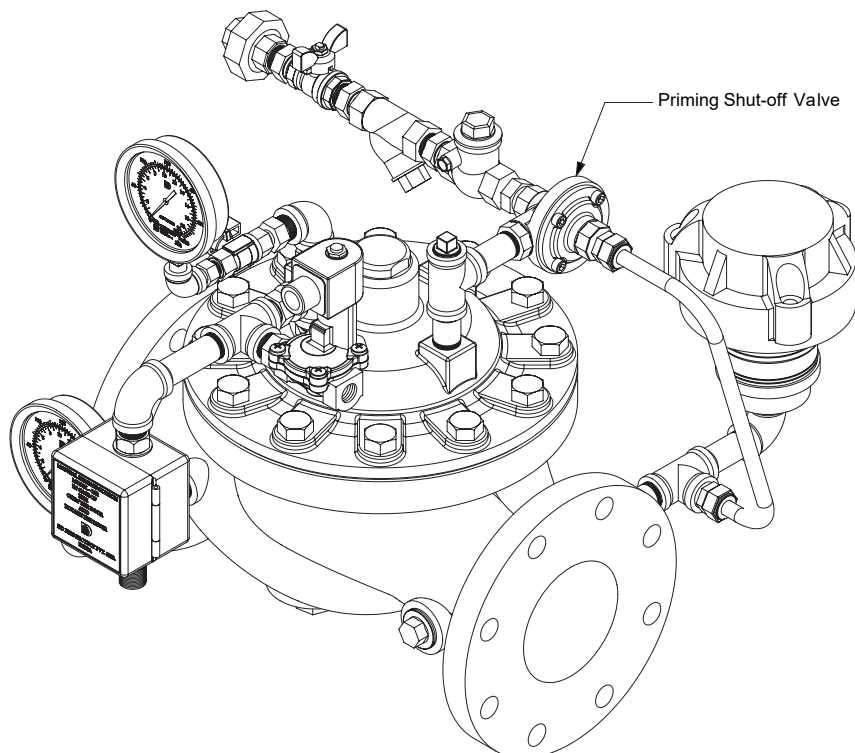
Priming shutoff valve primarily prevents automatic re-setting of deluge valve.

Priming Shut-off Valve is part of UL Listed Deluge Valve Trim and can be used with HD Deluge Valve Models H2, H3 & H5.



## OPERATION

Priming Shut-off Valve has three connections - inlet, outlet and sensing end. When pressure is applied to the sensing end, diaphragm assembly moves and is seated against the valve seat. This seals the inlet from the outlet, eliminating the supply of priming water to the upper chamber of the deluge valve; thus preventing auto reset. When deluge valve outlet line is drained, this pressure is released and opens the priming shut-off valve to enable deluge valve priming.



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