FLUSHING (PURGE) VALVES

FLUSHING VALVE – THE FINISHING TOUCH FOR FILTRATION SYSTEMS

All irrigation system users know that even with the most efficient filtration system, post-filtration processes take place which may cause blockage of drippers, nozzle sprayers or even sprinklers. Most blockages are caused by flocculation of minute organic particles which have passed through the filter screen and which in their flocculate form have become too large to pass through the emitter orifice. Other post-filtration processes are bacterial growth, colloid formation and precipitation of inorganic salts especially when liquid fertilizer is injected into the irrigation system. The Flushing Valve is a simple inexpensive solution to this problem.

The Flushing Valve

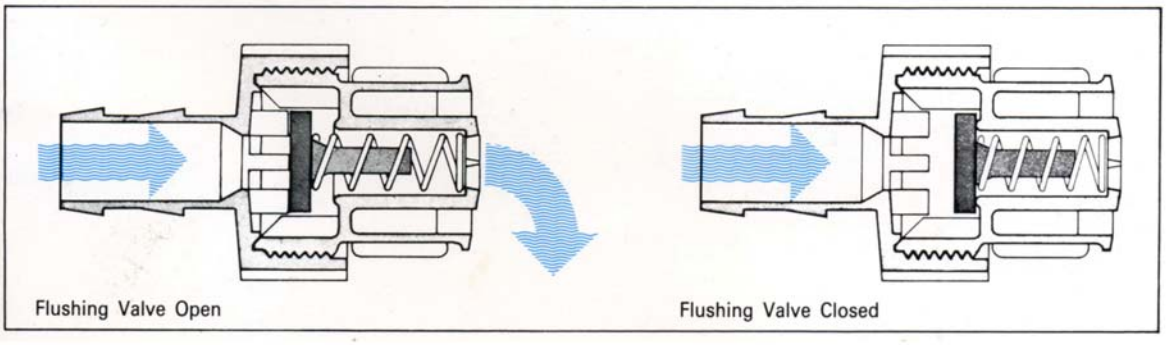
Before beginning the irrigation cycle, the valve, which is attached to the end of each lateral, is open. On starting the irrigation cycle and while pressure is still low, water flows out through the valve, taking with it the deposits which have formed in the pipe. By controlling the operation of the head valve, flushing time can be varied according to local needs.
When the hydraulic pressure in the network increases, the flushing valve closes and remains closed until the end of the cycle.
With the considerable drop in water pressure at the termination of the cycle the Flushing Valve opens again allowing much of the water remaining in the lateral to drain out; this ensures that post-filtration processes will be minimized in the absence of stagnant water from the network.

Cat. No. 08-2000-0016

Cat. No. 08-2000-1016

		STANDARD	HIGH
Lateral	Lateral	(Red)	(Black)
O/D	I/D	Cat. No.	Cat. No.
12 mm	⅜"	08-2000-0012	
16 mm	½"	08-2000-0016	08-2000-1016
20 mm	-	08-2000-0020	08-2000-1020
25 mm	¾"	08-2000-0025	08-2000-1025
¾"BS MALE THREAD		08-2000-0075	08-2000-1075

Also available
Flushing Valves for thin-walled hose (Tape).
Standard (Red) valves are for lateral pressure up to 17 m (24 psi)
High (Black) valves are for lateral pressure more than 17 m (24 psi)



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