

RAPHAEL REFLUSH VALVE FOR FILTER BACKWASH

Features

- Switch from Flush to Filter with no water loss
- Light weight and easy to handle
- No need to dismantle the valve for maintenance
- The valve is a part of the manifold and does not require separate support
- Optional Coatings: Enamel, RILSAN, epoxy

Available sizes

- 3" Flanged x 2" BSP threaded configurations
 - 2" BSP x 2" BSP threaded configurations
- For further size and end connection combinations, please consult us.

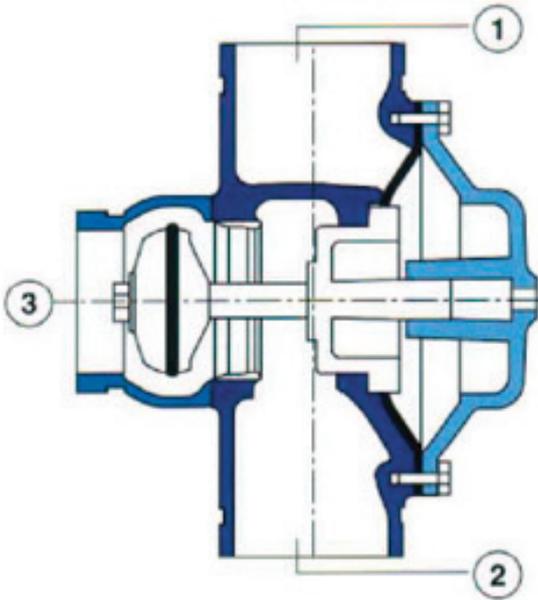
Application

The water used for irrigation could be from many sources which might contain varying quantities of clay, sand silt and algae. Drip irrigation systems require that the water used is clear of the above contaminants for efficient irrigation. The flush valves are speciality valves designed and developed for flushing or cleaning the media filter used for irrigation.

Farmers prefer these valves over conventional valves to save labour, hassle free automatic operation, so that setting the irrigation schedule for farms becomes easy.

TYPICAL IRRIGATION SET UP





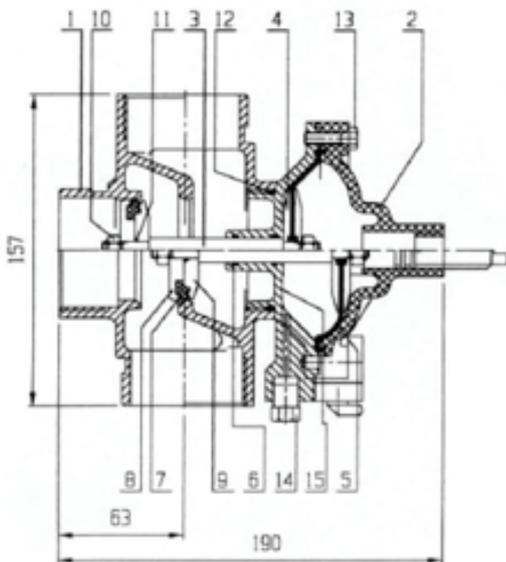
Filtering position

- The diaphragm chamber is connected to the atmosphere
- The valve is now in filtering position
- The water comes to the filter (port 2) from the water supply line (port 1)
- Flush line (port 3) is shut off

Flushing position

- The diaphragm chamber is connected to the hydraulic command supply line
- The valve is now in flushing position
- The water comes to the flush line (port 3) from the filter (port 2)
- Water supply (port 1) is shut off

Part of Reflush Valve



15	LOWER COVER	BRASS MS 58
14	PLUG 1/4 BSP	PLASTIC
13	BOLTS	SS304
12	"O" RING	NBR
11	"O" RING	NBR
10	NUTS	SS304
9	SEAL COVER	DELERIN
8	SEAL DISC	DELERIN
7	RUBBER SEAL	NR
6	"O" RING	NBR
5	DIAPHRAGM	NBR
4	DIAPHRAGM DISCS	BRASS MS 58
3	STEM	SS 303
2	UPPER COVER	PLASTIC
1	BODY	BRASS MS 58

Head loss Characteristics

