

Floating Magnet Valve

1. How it works

a) pictures



b) Location : Between Water inlet Bulk-Head and SED Filter

c) How it works

- i. When water leaks, water goes into the base, raises the float ing device up then shuts off the valve
- ii. When the valve closed, inlet water is shut off
- iii. Upon the removal of water in the base, the valve position is automatically restored to open, so that the water comes into the system
- iv. Normal valve position is open

d) What changes has been made from previous models

- i. The base plate has been changed to one injected molded piece to allow for valve basin which holds water to activate valve.
- ii. Shut off solenoid valve is now attached to the booster pump via stem adapter

2. Cautions

a)

If machine leaks, water may come out of the machine, so end users might request service for water leak. However, if water does not come out of the machine due to small amount, end users may request service for system not functioning.

b)

When performing service, first, shut off water source to machine, check if there is water in the base to decide if water leak happened. Get rid of water in the base by removing the end plug which is located on the side of base plate. Put the end plug back in after water removal.

c)

Replace the part(s) which caused the leak, then turn water source back on to check if the water comes in. Floating magnet valve will not open if the water in the basin is not completely removed.

d)

If the pressure of the tap water is high (eg, over 7kgf/cm²), the valve may not default back to open. In this case, lower the water pressure between the water source and the valve. (Note: There is higher possibility of the valve closing and shutting off the water supply if the water pressure is high.)