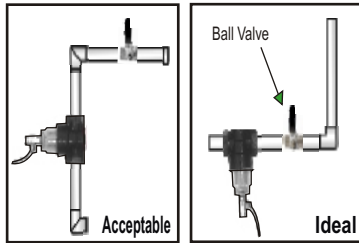


USER MANUAL FOR EasyClean™ Strainer

Installation & Maintenance Tips:-

1. INSTALLATION

1.1) The EasyClean should be preferably located on a horizontal pipe line with the discharge port facing downwards. This allows easy removal of dirt through the discharge port during flushing out. Though it works even in a vertical / inclined pipe line the frequency of cleaning may increase as some dirt may be left in the filter cap.



1.2) To prevent formation of moss / algae on filter mesh avoid direct exposure to sunlight Put sun cap(available in some sizes only) over the Filter Cap or install in shaded area and / or cover the filter cap with some non transparent Plastic cover.

1.3) Keep the filter-cap away from solvents, paints or other chemicals.

1.4) Do not paint the strainer body or the filter cover.

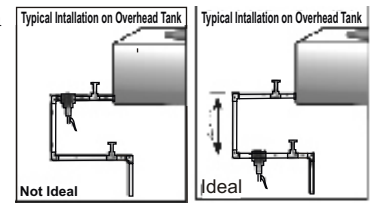
1.5) Do not block / plug the discharge port (Ball Valve Outlet) of strainer.

1.6) Always leave a clearance gap (as per table) between the discharge port and wall / floor surface so that the filter cap can be removed for maintenance if needed.

1.7) Leave sufficient space (about 15mm) between valve and the wall behind it (if any) to allow maintenance on valve.

1A) In case of installation on overhead tank :-

The strainer should be installed at least 1 metre below the outlet pipe of the tank. Greater the height between the strainer and the outlet pipe of tank better will be the flow.



It is recommended that the strainer should be provided as close to (terrace) floor level as possible leaving only the minimum clearance as per following table.

SR. No.	Size (in mm)	C (in mm)	D (in mm)
1	15	35	113
2	20	35	113
3	25	40	107
4	32	40	107
5	40	70	178
6	50	70	178
7	65	70	234
8	80	70	234

The Strainer should be provided after the stop valve / ball valve on outlet side and before the pipe joins the loop. (An

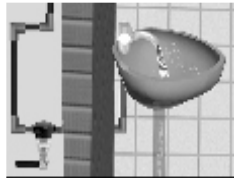
additional Ball valve after the strainer can be useful during maintenance to isolate the strainer and ensure that supply is maintained thru the other outlet of tank)

1B) In case of installation on loft tank :-

Due to space constraint the EasyClean is normally provided at outlet of tank (after the ball valve) at same height. Hence the flow through the valve can reduce by over 15%. To overcome this drop one may use a higher size EasyClean strainer viz where 1" pipe outlet is given from tank a 1-1/4" size strainer can be used.

1C) For installations for individual bathroom :-

- Provide the EasyClean in the branch line outside the Bathroom (in duct).
- Alternatively the EasyClean can be installed inside the bathroom in concealed piping. For easy access same should not be covered with a tile. Instead a small shutter can be provided.

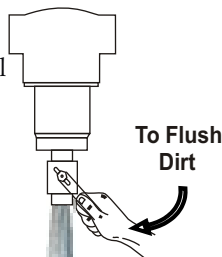


1D) Installation before pump / meter :-

Install immediate before pump (or if space permits, 1/2 to 1 meter before pump to reduce turbulence in water).

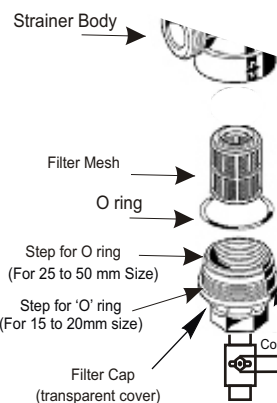
2. CLEANING THE FILTER

2.1) To clean the filter or to discharge all dirt simply turn the handle down till the dirt comes out through discharge port. The supply should not be shut off during this draining activity.



2.2) At times some foreign material like big pebbles, plastic bag, cloth, moss etc. May not drain out easily. Same will have to be removed by following procedure...

- Shut off supply to EasyClean by closing the Ball valves provided before the EasyClean
- Remove filter cap with help of spanner.
- Remove 'o' ring and filter which will come out with the filter cap.(If they are stuck inside the body then remove it with finger.)



- Clean the Filter mesh in running tap water(Do not use detergents etc) still if very fine particles, mud or moss is stuck on filter mesh clean it with an old tooth brush.

- Refit the 'O' ring and filter which will come out with the filter cap.(if they are stuck inside the body then remove it with finger.)

- Insert the Filter as shown in sketch (ensure that it is not fit upside down) into the valve body. Generally the Filter will press fit into the hole provided in center inside body.

- Screw- in the Filter cap with 'O' ring into the valve body. Tighten with spanner until the hole of Filter cap touches the valve body. **Caution: Over tightening Filter cap may cause damage to same.**
- Start supply by opening the ball valve before EasyClean. Check for leakages through filter cap, if any. In case of leakage open filter cap and refit the 'o' ring in its place. If same is damaged then replace with a new 'o' ring.

2A) Cleaning of EasyClean in installation before pump with positive head on suction:-

First shut off pump. Turn the knob / handle to open discharge port and allow some water with dirt to flow out.

2B) Cleaning of EasyClean in installation before pump without positive head on suction (i.e. with suction tank below pump):-

In such cases the EasyClean cannot be cleaned by turning the knob. Same can be cleaned as explained in 2.2.

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