

To achieve optimum efficiency of filter, the vertical height from the roof top to the filter inlet should be at least 2 MTRS.

Note: Read and understand all instructions in the Users Guide before installation.

Instructions for installation of filter



1. Keep the Roof clean.



2. Inter connect the down flow pipes and draw the line till the point of Filter location



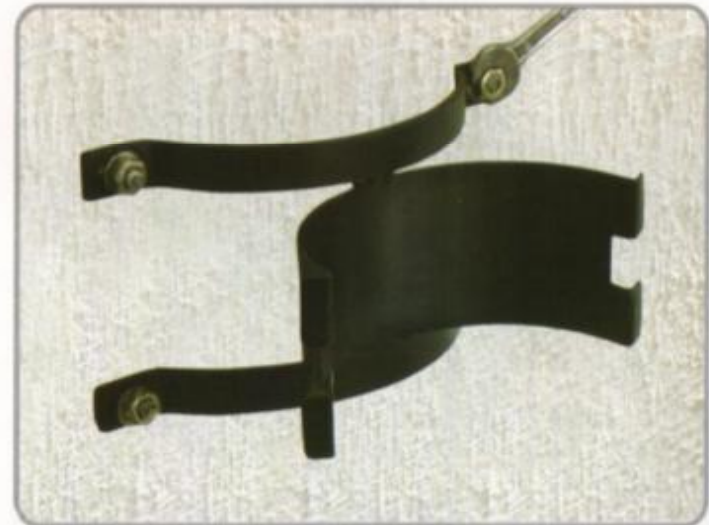
3. Place the filter assembly on the wall bracket. Then, pull the strap and hook up to the wall bracket



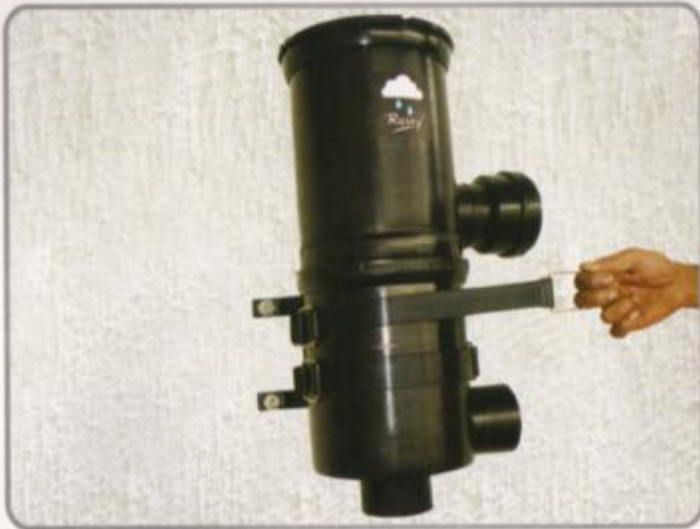
4. Place the filter against the wall to spirit level as shown in the figure and mark the point to fix the wall bracket



5. Drill the holes to the wall as per the marking.



6. Fix the wall bracket with anchor bolts and tighten the nuts properly



7. Fix the Filter to the wall bracket through straps.



8. Tighten the Union using special Tool.



9. Then, hold the Union with special tool and turn the direction of inlet and outlet of filter as per the site condition.

DELIVERY LINE



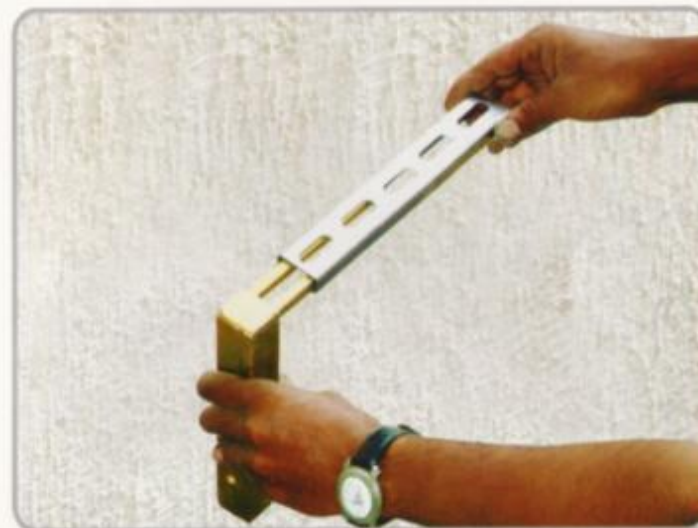
1. Insert Rubber bush with suitable P.V.C. pipes to the clean water outlet of the filter & tighten the hose clamps.



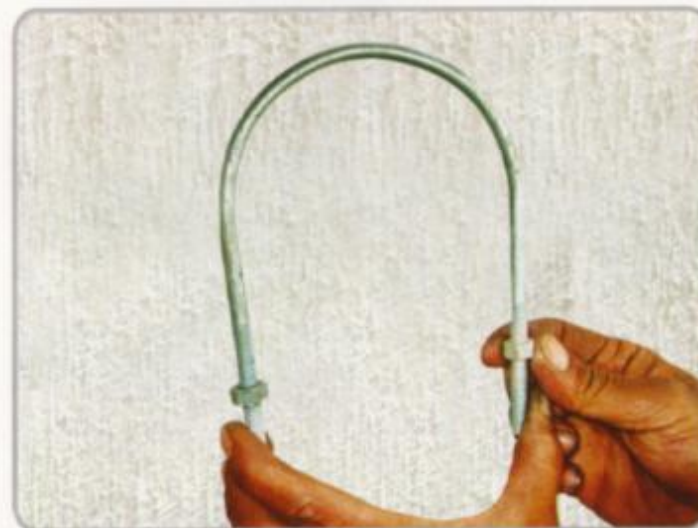
2. Fix 75 M.M. Control Valve (First rain flush out valve), with suitable elbows and fixtures.



3. Connect the delivery line to the sump with necessary length of Pipeline with Fixtures.



4. To sustain the weight of the Pipe line, "L" angler clamps should be used.



4a. Before inserting the 'U' bolts to the L-clamp section tighten the lock nuts.



4b. The lock nut 'U' bolt should be inserted to the section of L-clamp over the PVC pipe & additional nuts should be tightened at the other side of the clamp set. This type of clamping system holds the pipe line firmly & strongly.

DRAIN OUTLET CONNECTION



1. Insert the bellow to the drain outlet.



2. Insert 90 mm PVC Pipes and Fixtures with clamp set into the bellow.



3. To sustain the weight of the pipeline 'L' angular clamps with 'U' Clamps and anchor bolts and adjustable 'C'- channel should be used.

Rain water inlet connection



1. Hold the intermediate bush and insert inside the lower housing through the upper main housing.
 1a. In case the bush is already inserted during the supply of filter, you can follow the next procedure as below.



2. Hold the Filter element and insert inside the upper Housing.
 The Filter should be properly seated on the upper housing peripheral groove.



3. Hold the filter cap and fix it on upper housing and tighten it towards anticlockwise direction.



4. Use special Tool to tighten it fully.



5. Connect the down take Pipe to the inlet of the Filter.



6. Use push type of Elbow with suitable coupler and required length of Pipes.



7. Fix "L" angular Clamps with "U" clamps and anchor bolts with adjustable "C"- Channel.



8. Now the system is ready for operation.



9. When the rainy season ends, close the control valve, so as to make the sudden summer season rainwater go to the drain.



10. The steel filter element can be washed through garden hosepipe / tap water by using a brush incase the filter is fully choked.

Care and maintenance

1. In low operating UNITS (Drizzling Rain Fall).
2. In asbestos sheet rooftop.
3. In dust prone areas.
4. Where lots of Moss grown on rooftop.

Frequent cleaning of filter element is advisable



1. UNLOCK the FILTER CAP with Special TOOL & remove the filter out side for cleaning purpose. Direction of unlock: clockwise.



2. Wash the filter with a Garden hose pipe or under the tap.