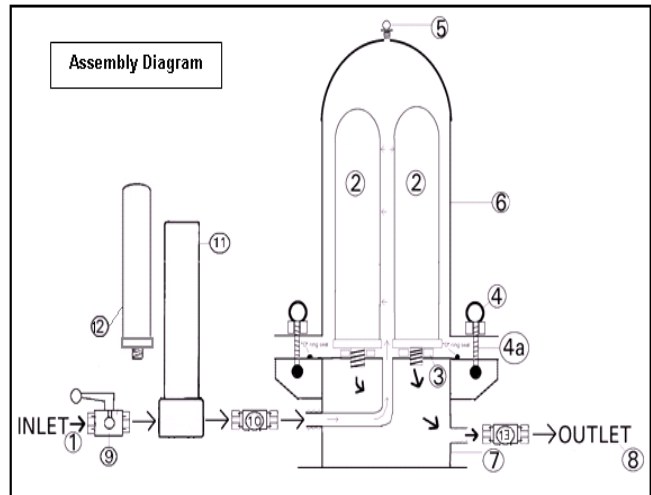


MS5K 'Glacier' Installation Guide and Technical Information

Installation

1. Carefully remove the filter system and components from their protective packaging, check parts against table below to check all parts have been received. If you have ceramic cartridges with your system, check each cartridge was not cracked during transit.
2. Using PTFE jointing tape (Supplied), or a similar drinking water jointing compound screw together all parts as shown in the below diagram. The smaller stainless steel housing (11) will contain a pre-filter cartridge (12) already, should you wish to open and check this can be accomplished by simply gripping the head works and unscrewing the metal body.
3. Once components (9), (10), (11) and (13) have been connected together, and to the large housing you should now connect the inlet and outlet. Turn off the mains water supply. The inlet being a 15mm Compression fitting is connected to your water supply, and the output also a 15mm Compression fitting should be connected to the pipe you wish to feed with filtered water.
4. Now that the system is connected you will need to add the filter cartridges. Slacken off the nuts (4) until the eye bolts (4a) can be tilted away from the bell housing (6). Remove the bell housing (6).
5. Carefully screw each element into one of the holes in the housing base (7), hand tightening onto the rubber washers (3).
6. Replace the bell housing (6) and secure it in position using the eye bolts (4 & 4a), Recommended that a drain off kit is fitted.



Operation

1. Ensure that the inlet valve (9) is fully closed. Turn on the water supply.
2. Open the inlet valve (9). **NOTE:** we recommend that the first 25 litres of filtered water be allowed to run to drain. This will allow the slightly earthy taste, caused by the new elements to disappear.
3. Open the air vent (5). When water starts to come out of the vent, close it.

Servicing

When the MS5K water filter has been assembled and installed as described above, cleaning of the element (4) is all that is necessary if the flow rate deteriorates (caused by a build up of sediment blocking cartridges).

To Clean the Element

1. Fully close the inlet valve (9), open a kitchen tap and leave it to run, open the air vent (5) a quantity of water will flow out of the housing and it should be empty in a few seconds. When the housing has emptied of water and no more flows out, it is safe to shut off the kitchen tap and open the housing.
2. Slacken off the nuts (4) until the eye bolts (4a) can be tilted away from the bell housing (6). Remove the bell housing (6).
3. Unscrew each element (4) from the housing base (7).
4. Hold each element (2) under running water or in a bowl of water and clean it with a stiff brush (brushing applies only to ceramic SX1-25-SM cartridges, PR1-25-SM (12) and X1-25-SM cartridges should only be rinsed). Always brush away from the element mount end. NEVER use soap or a detergent. **NOTE:** The element should be renewed yearly, or as advised by technical department.
5. Re-assemble and proceed as detailed in "Operation".

Item	Description	Part No
1	Inlet - ½" MI	
2	Filter Elements x 5	X1-25-SM or SX1-25-SM
3	Cartridge Washer x 5	GSP09/B
4	M5 Eye Nuts	
4a	M5 Eye Bolts	
5	M5 Air Vent	
6	M5 Housing Body	

Item	Description	Part No
8	Outlet - 1" MI	
9	22mm Gate Valve	V-21
10	1" MI - 22mm Compression x 3	SP-809
11	Pre-Filter Housing	MBY-1" / MBY-1002
12	Pre-Filter Cartridge	PR1-25-OE
13	1" FI - 22mm Compression	SP-809/1