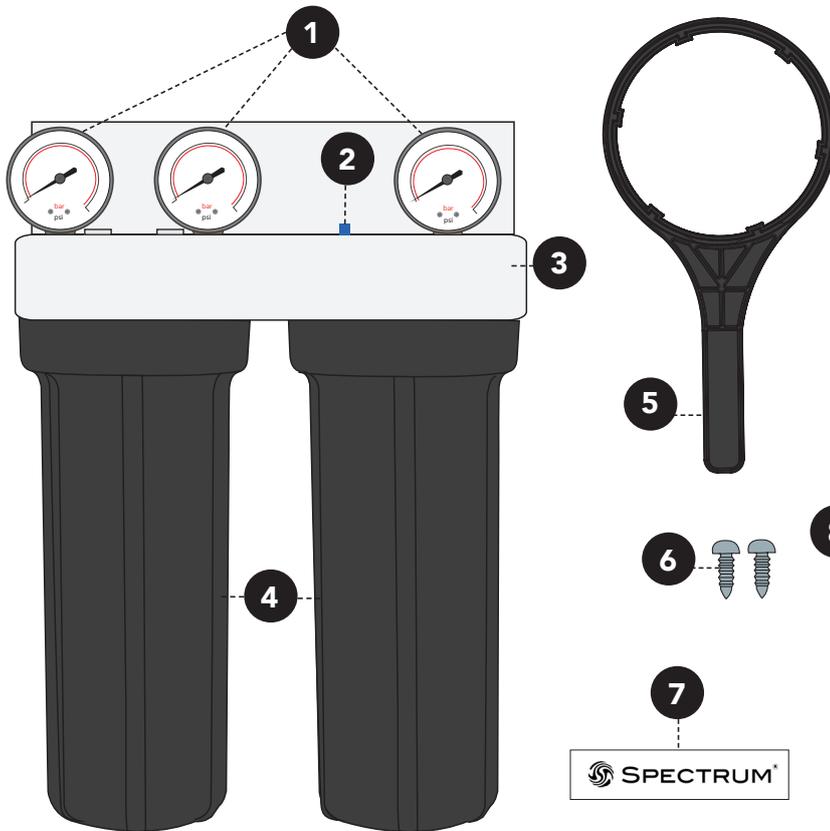


Installation should be carried out by a competent person with previous plumbing experience. All installations should comply with local bylaws.



Equipment Supplied

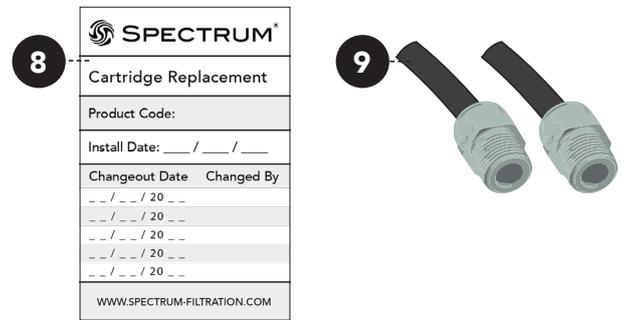
Housing System

1. Pressure gauges (single - 2/double - 3/triple - 4)
2. Pressure Release Valve (PRV)
3. Housing bracket
4. EFH-(PK or SC) plastic housing

Accessories

5. 1 x Housing spanner
6. 1 x Wall mounting screw kit
7. 1 x SPECTRUM brand label
8. 1 x Cartridge replacement label
9. Fittings Kit

Note: Double and Triple Systems include connecting nipples.



"Example system shown is Part Number : EFHS-PK/PK-10-3/4"

Before starting, shut off the water supply to the location where the unit is to be installed. Clear the location of any hazards, ie electrical.

1. Using the housing bracket, mark out the location for affixing the system, ensuring a minimum 1½" clearance at the base for bowl removal (required for filter cartridge replacement).
 2. Remove the bowl(s) to make installation easier.
 3. Affix to the mounting surface.
- NOTE:** Screws supplied are not suitable for all mounting surfaces. Use details in Table 1 to work out the correct fixing option.
4. Unwrap and insert cartridge(s) into bowl(s) as required (coarser filters first). Refit bowl(s) onto the housing head(s) and hand tighten, ensure cartridges are sealed correctly and seal against the head. Use the spanner to tighten bowl, follow the arrow moulded on spanner handle.
 5. Turn the water back on and depress the blue pressure release valve to purge any air.
 6. Check for leaks around system.
 7. Run the system until the filter(s) has been flushed thoroughly (approx. 5 litres).
 8. Check for leaks before leaving the system in operation. Use spanner to tighten bowl (if required).

TABLE 1. GUIDELINE WET SYSTEM WEIGHT W/O CARTRIDGE

	HOUSING SIZE	PORT SIZE "	WET WEIGHT KG*
SINGLE	10	1/4 & 3/8	3.0
	20	1/2 & 3/4	5.0
	10LD	1	8
	20LD	1	14
DOUBLE	10	1/4 & 3/8	6.0
	20	1/2 & 3/4	10
	10LD	1	16
TRIPLE	20LD	1	28
	10	1/2 & 3/4	8.5
	20	1/2 & 3/4	16
	10LD	1	24
	20LD	1	42

*Weights based on use with water and appropriate sized cartridges. System weights with other fluids will vary.

Please note : Systems left unused for extended periods of time should be fully flushed to drain before using.

Equipment required (use appropriate PPE)

- Bucket/Bowl
- Cleaning solution & cloth
- Silicone grease
- Housing bowl spanner
- Replacement cartridge(s)

Before starting, shut off the water supply to the location where the unit is installed. Clear the location of any hazards, ie electrical.

1. Place the bucket under the system to catch any spilled water.
2. Depress the blue pressure release valve to release the build up of pressure in the system.
3. Use the spanner to loosen the bowl(s), follow the arrow moulded on spanner handle.
4. Continue to unscrew the bowl(s) by hand.
5. Empty the contents of the bowl into the bucket.
6. Remove the O-ring(s).
7. Make up a cleaning solution, following the concentration instructions detailed on the solution.
8. Clean bowl(s) and head(s) thoroughly.
9. Dispose of cleaning solution in the appropriate manner and replace with clean liquid.
10. Rinse bowl(s) and head(s) thoroughly with clean water.
11. Wipe O-ring(s) clean and check for any nicks or damage. If not damaged lightly lubricate using silicone grease.
12. If damaged a replacement O-ring will be required.
13. Reseat the O-ring(s) in to bowls.
14. Unwrap the replacement cartridge(s) and place in the bowl(s).
15. Fit bowl(s) to relevant head(s) as required and hand tighten, follow the arrow moulded on spanner handle to tighten bowl.
16. Turn the water back on and depress the blue pressure release to purge any air where applicable.
17. Check for leaks around system.
18. Run the system until the filter(s) has been flushed thoroughly (approx. 5 litres).
19. Check for leaks before leaving the system in operation.
20. Make note of the changeout date on the label included.

TABLE 2 - MAXIMUM RECOMMENDED FLOW RATES (LITRES PER MINUTE)

	10"			20"		
	DEPTH	CARBON	PLEATED	DEPTH	CARBON	PLEATED
REGULAR	20	3.8	30	40	7.6	60
LARGE DIAMETER	20	7.6	45	40	15.2	90

NOTE : Maximum flow rates are based on 20 micron depth/pleated filters and 5 micron carbon block. Expected initial pressure drop across each filter is 2 psi (0.1 bar).

Please note : Systems left unused for extended periods of time should be fully flushed to drain before using.