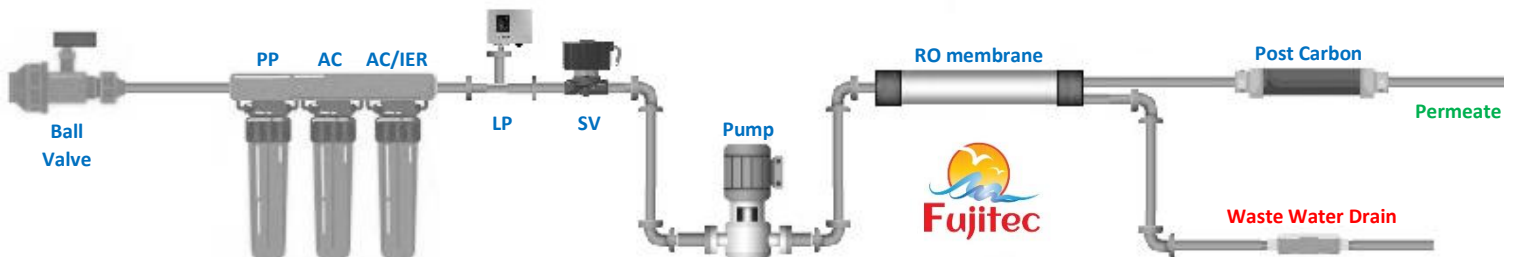


Water Filter's RO UNIT

FUJITEC's RO Unit are the process that is used to remove a wide range of salts, dissolved organics, bacteria, macromolecular organics and particles silt to give water of a high purity. RO Unit must be supplied with softened, de-chlorinated water. A duplex softener is recommended for continuous operation. Utilising softened water for the feed to the RO will reduce the scaling potential on the membrane and therefore lengthen it. Dechlorination of the feed will reduce oxidation damage to the surface of the membrane.



		FT-RO150F 600LD LLP/HPS	FT-RO150F 1200LD LLP/HPS	FT-RO150F 1800LD LLP/HPS	FT-RO150F 2400LD LLP/HPS
Capacity	GPD (LPD)	150 (600)	300 (1,200)	450 (1,800)	600 (2,400)
Electrical Current (V)		24	24	24	24
Frame Material		SUS 304	SUS 304	SUS 304	SUS 304
Structure (L x W x H)-cm		44 x 26 x 85			
Pre Cartridge Filter (pcs)		PP20" (1) / Activated Carbon 20" (1) / Ion Exchange Resin 20" (1)			
RO membrane (pcs)		150 GPD (1)	150 GPD (2)	150 GPD (3)	150 GPD (4)
Diaphragm Pump (pcs)		150G (1)	150G (2)	150G (1) 300G (1)	300G (2)
Low Pressure Switch (pcs)		all model (1)			
High Pressure Switch (pcs)		only HPS model (1)			
Liquid Level Control Switch (pcs)		only LLC model (1)			
Solenoid Valve (pcs)		3/8" 24V (1)			
Inlet Water		3/8" Socket			
Outlet Water	Permeate	1/4" Socket			
	Waste Water Flow	300 CC	300 CC	500 CC	500 CC



Suggested Inlet Water Conditions

Max. Feed Silt Density Index (SDI)	: 5	Free Chlorine Tolerance	: < 0.1 ppm
Turbidity	: < 1 NTU	Inlet water Pressure	: 2 -3 Bar
TDS	: < 1000 ppm	Iron	: < 0.05 ppm