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1,000L/H Ultra-Filtration Water Treatment System

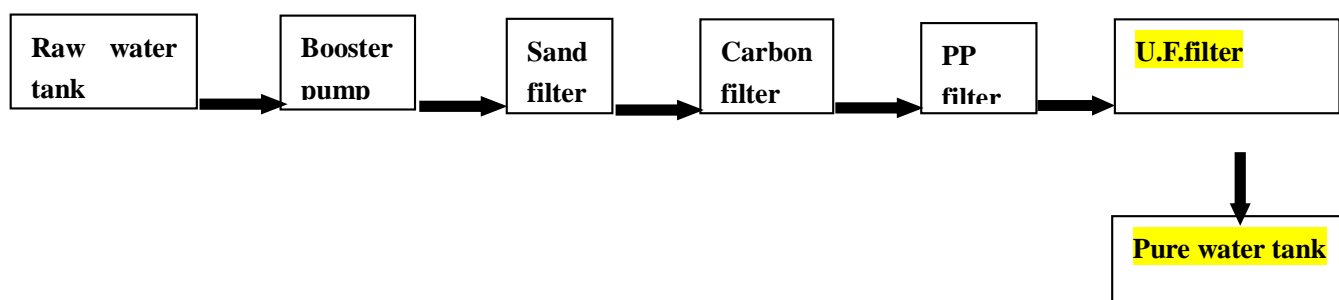


1,000L/H Ultra-Filtration Water Treatment System

1.Design basis:

- 1.1) Raw water: **Underground Water/Spring Water.**
- 1.2) Capacity: **1,000 Liters /Hour.**
- 1.3) Designed recovery: 50-70%.
- 1.4) Voltage: 3 phases, 380V, 50Hz; Power: 1KW

2.Filtration process:



3.Components List:

No.	Equipment	Item	Specification	Qty.	Unit	Material	Remark
3.1	Pump	Booster pump	0.75KW; 380V,50Hz	1	set	SUS304	
3.2	Sand filter	Tank	Φ350*1600(mm)	1	set	FRP	
		Control panel	Manual	1	set	PVC	
		Water distributor	Upper/down water distributor	1	set	ABS	
3.3	Carbon filter	Tank	Φ350*1600(mm)	1	set	FRP	
		Control panel	Manual	1	set	PVC	
		Water distributor	Upper/down water distributor	1	set	ABS	
3.4	Security filter	PP filter	5filters, 10inches, 5Micrometer	1	set	SUS304	
3.5	UF filter	UF membrane	4040	2	set	Hollow fiber	
		Flux meter		2	set	Organic glass	
		Pressure meter		2	set	SUS304	
		UF housing		1	set	SUS304	
3.6	Electrical control system	Electrical Box		1	set		
		Conductivity meter		1	set		
		Electrical Box		1	set		
		Wire		1	batch		
		Electrical elements		1	batch		
3.7	Filtration material	Quartz sand		170	Kg	Quartz sand	
		Coconut-shell active carbon		60	Kg	Activated carbon	
3.8	Valve accessory	Valve accessory		1	Lot	UPVC	

4, Pictures for 1,000L/H Ultra-Filtration Water Treatment System:

