

Bas (3/1)

	Them	Slow sand filter	Rapid sand filter
1.	Rate of filtration	100 to 200 liter per hour per m^2	3000 - 6000 liter per hour per m^2
2.	Loss of Head	15 cm initial to 100 cm final	30 cm initial to 3 m final
3.	Size of Bed	Requires large area	Require small area
4.	Coagulation	Not Required	Essential
5.	Filter media sand	Effective size 0.2 to 0.33 mm d_{15} ; 2 to 3	Effective size 0.33 to 0.66 mm d_{15} ; 1.2 to 1.7
6.	Backwashing	Scrapping of top layer 15 mm to 05 mm	Agitation and Back washing with water
7.	periodal of cleaning	1 to 2 months	0 to 3 days
8.	Economy	High initial cost	cheap and economical