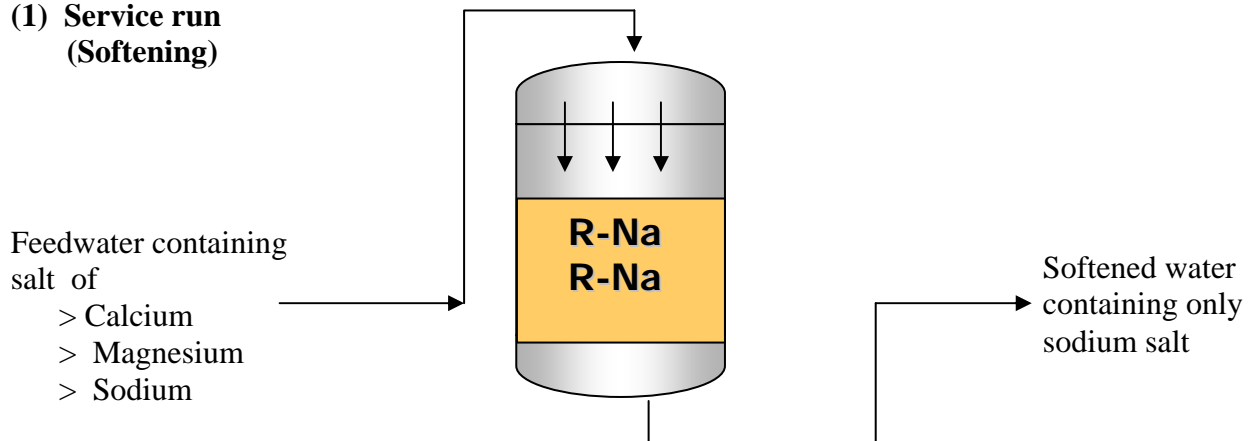


1. THE SOFTENING PROCESS

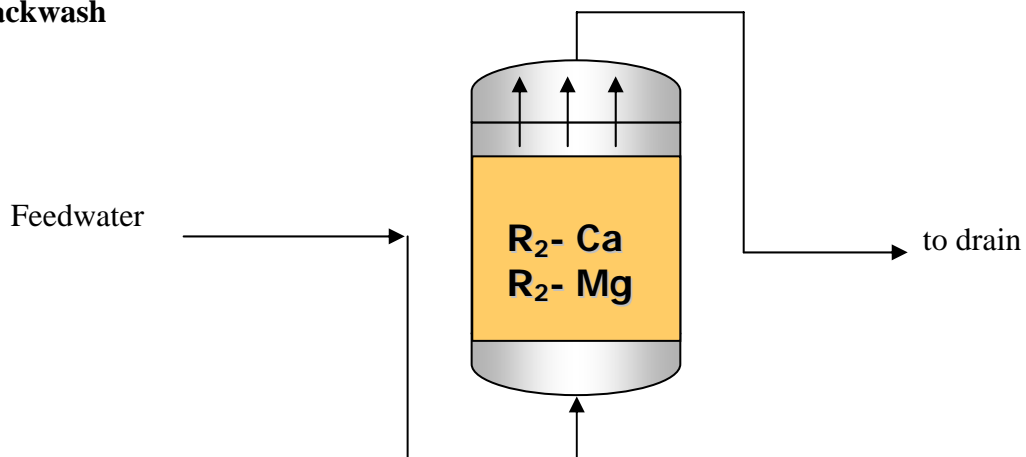
Water softening is usually a four-step operation : service, backwash, regeneration and rinse – in the order given.

(1) Service run (Softening)



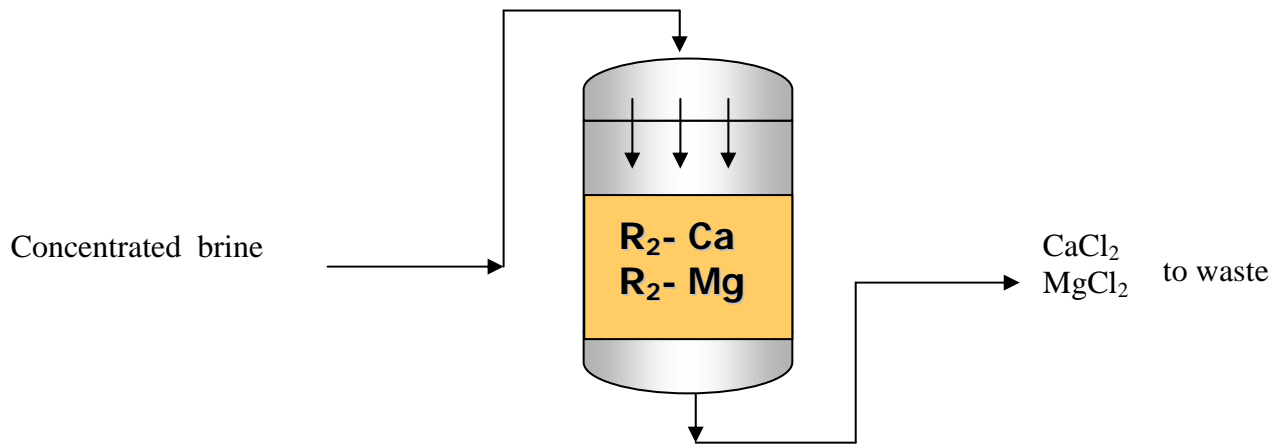
Service run : Water Softener operate till hardness is higher than limit

(2) Backwash



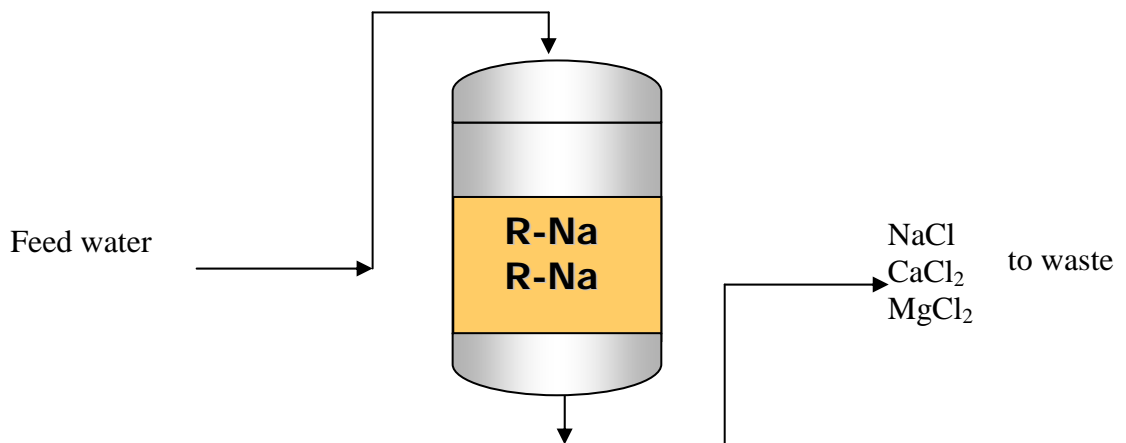
Backwash : Backwashing with water to cleaning the dirt from colloidal matter

(3) Regeneration



Regeneration : Regenerate with brine 10% solution to recover the exchange capacity

(4) Rinse



Rinse : Rinsing with clean water to release residual brine