

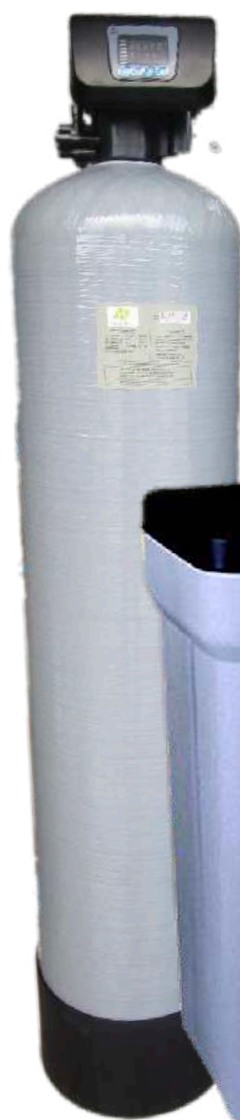
Ion Exchange water softening systems

Brine regenerated programmable ion exchange. Complete systems. Automatic back washing and regeneration.

The system comes with a bobbin wound weather resistant glass fibre tank, an easily removable fully programmable multi-port valve, pressure gauge, brine tank, and all accessories required for installation and set up including resin beads and salt.

Well water in Thailand is often exceptionally hard. Water needs a certain amount of calcium hardness. With too little calcium, the water will eat away tile grout, tile adhesive, and any plaster or cementitious products in order to saturate its natural level. However, too much calcium can cause scaling and other issues, particularly in saltwater chlorinator cells. Calcium Chloride is used to raise the calcium hardness, but in cases of very hard water the only effective way to reduce the level of calcium carbonate is to install an ion exchange system.

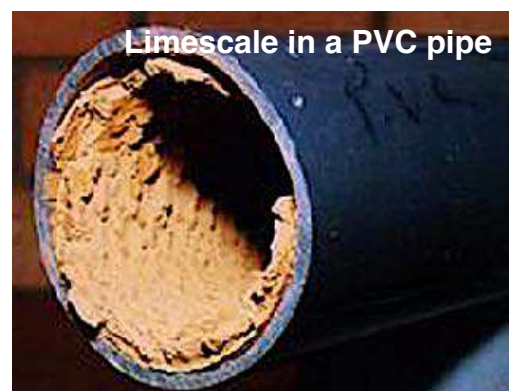
house
water
treatment



A fully programmable automatic valve takes care not only of backwashing, but also of the essential regeneration of the resin beads.

Normal pool salt dissolved in the brine tank is drawn into the filter at regular intervals and the salt removes the calcium carbonate accumulated by the resin beads. The beads are then backwashed and rinsed and the system is returned to the normal water softening cycle. One filling of resin beads will last for many years

supplied
complete with all
fixtures and
fittings, resin
beads, and salt



Limescale in a PVC pipe

The resin bed of a water softener is a collection of thousands of resin beads located in the unit's tank. When you turn on the tap, water flows into the water softener and passes through the resin bed, where it comes in contact with the plethora of resin beads in the tank. During the process, the resin beads trap calcium, magnesium, and other minerals, allowing only soft water to flow into your holding tank.



Resin beads (magnified)

Prices do not include VAT 7%

Ref	Product	Description	Qty.	Package	Price
1051001		8 x 44" tank. 60 litre brine tank	complete set	cartons and bags	
1251001		12 x 52" tank. 100 litre brine tank	complete set		