

STANDARD WATER SOFTENER

Strong, Long-Lasting WATER SOFTENER- engineered for the most demanding light, commercial and heavy residential needs.

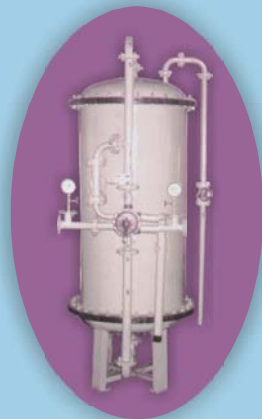
KOMAL water softeners are working on Base exchange technology remove Calcium, Magnesium and Iron from water for residential, commercial, and industrial applications. Water produced will have Commercial Zero hardness. These systems have a proven excellence in performance for applications like Textile, Boiler, Heat Exchanger, Laundry etc.


Softeners are available in rust and corrosion proof FRP / LDPE as well as sturdy M.S. Unit.

Control Valve: state-of-the-art design and with in-built ejector system, multi port valve for compact design. Unit with Individual valves of Cast Iron are safe for outdoor application. Complete Automatic unit with automatic regeneration are available.

Compact Sturdy M.S. Softening Unit

Model No	Flow Rate (lit/hr)	Capacity Bet. Reg. As per 100 ppm
KSF- 6	600	6
KSF- 8	900	10
KSF- 10	1400	18
KSF- 12	3000	30
KSF- 15	4500	40
KSF- 18	7500	70
KSF- 21	9500	100





Water Softener with LDPE col. and PP multiport Valve

Model No	Flow Rate	
SFL - 10	300	5.5
SFL - 30	600	17.5
SFL - 55	1000	30
SFL - 80	1200	45

BASE EXCHANGE SOFTENING PROCESS:
 In these days Softening of Water is almost exclusively effected by Ion Exchanges. In this process the calcium and magnesium ions are exchanged by sodium ions, so that the hardness forming components are converted into soluble sodium salts. Softening is carried out by simple filtration through the exchange material.

When the exchange material is exhausted, it requires regeneration with sodium chloride (Common Salt). The calcium and magnesium ions which were taken up before are then displaced by sodium ions and flow out together with the regeneration water. The capacities between regeneration will, however, vary according to the raw water.

ADVANTAGES OF KOMAL WATER SOFTENER:
 Unit Components:
 Factory Packaging:
 Unlimited Soft Water:
 KOMAL Engineering
 KOMAL After Sales Service
 Range Available

Raw water should be free of colour, oil, turbidity and at the service rates specified.

Operating Date :
 Pressure Range : 2 kg/cm² - 3.5 kg/cm²
 Temperature Range : 40° F - 120° F

Quality :
 The water produced from the above plant will have the "Commercial Zero" hardness.