

IRON REMOVAL UNIT (MK I & II)

Description in brief	The product is useful in removing excess iron from ferruginous water. It can reduce 40 ppm iron upto <0.3 ppm in potable water. The product is cylindrical and made of mild steel & FRP.
Application/use of product	Useful for removal of water iron to safe limit as set by WHO/BIS. The water filtration rate is 300 L/Hr (approx)
Major steps in iron removal	The pH of the water is adjusted and aeration is done by gas transfer. Oxidation of ferrous to ferric ions takes place. Iron is precipitated as sediments. The removal takes place by dual processes, which includes up filtration & gravity flow filtration
Shelf life	10 years from the date of manufacture
Present status	IRU MK-I & II supplied to various agencies Armed forces -402; Paramilitary (TSR) -4; Civil -12



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