

## AUTO-IRON REMOVAL FILTER

Hemelox – Iron removal filter reduces excess iron in the water and makes it suitable for use in every aspect of life. Our filter utilizes Katalox Light – German made media, ensuring a long-life span of filter and delivering the best quality iron free water.

**Mode of operation - Automatic** (The automatic self-cleaning system, flushes out residue from Katalox media, thus enhancing life of the system all this with no manual effort.)

### TECHNICAL SPECIFICATION

Model	IRP	IRP 1000	IRP 1500	IRP 2000	IRP 3000	IRP 4000
Water Flow Rate	500	1000 LPH	1500 LPH	2000 LPH	3000 LPH	4000 LPH
Connection size (Inlet-Outlet-Drain)	500 ¾ inch / 20 NB 1 inch / 25 NB					
Input water pressure	LPH 1.5 to 3.5 kg/cm <sup>2</sup>					
Operation	Auto					
Cleaning	Auto (No manual involvement)					
Filter Media	Katalox light					
Operating Input Voltage	100-240V/50-60Hz					
Process Valve – Auto	Fully programable automatic valve powered by 12 VDC / 1.5-amp adaptor					
Treated Water Iron	<0.3 ppm					

### FEATURES OF HEMELOX – IRON REMOVAL FILTER

- Ø Food Grade
- Ø Katalox Light – Approved by CSIR
- Ø Reduces iron upto 30 ppm in single pass.
- Ø Enhances performance of water filtration system
- Ø Reduces TSS and Turbidity, No requirement of pre filter
- Ø Removes dissolved iron and other heavy metals from water
- Ø Uses Katalox Light – German Filter media for long term purification
- Ø Katalox Light is a Patented Technology, NSF 61 & NSF 372 Gold Seal certified.
- Ø Fully Automatic operation with Minimal maintenance and service requirements
- Ø Automatic operation ensures proper back washing of filter to provide consistent water quality
- Ø Light weight and easy to backwash, saves water as compared to other available conventional media.

\* NOTE – Minimum 1.5 kg/cm<sup>2</sup> water pressure is required for Auto Iron filter operation.  
Pressure drop of the Auto iron remover filter at specified flow rate is around 0.5 to 0.8Kg/cm<sup>2</sup>.

