



HANS[™] Pre-Treatment Module

Iron/Arsenic - Softener - Carbon







Modular Flexibility
Provide scalability to meet
your volume needs

Space Saving Footprint

Compact design to solve water needs

Commercial • Industrial • Agriculture • Healthcare • Hospitality • Food & Beverages



Iron/Arsenic-Softener-Carbon Technical Specifications

Operating Specification

Water temperature (min/max)	2°C to 35°C
Ambient temperature (min/max)	2°C to 48°C
Feed pressure (min/max)	30 PSI to 80 PSI
Continuous / Peak Operation	30 LPM @15 PSI / 42 LPM @25 PSI
Drain Flow Max	30 LPM
Indoor/Outdoor Capable	UV protection on all exterior parts
Weight (Dry, with media)	272 KG
Exterior Dimensions	533 mm x 737 mm x1359 mm
Power	US:120 V/ 60Hz EU:220 V/50Hz dedicated GFCI

Stage 1 - Iron/Arsenic

Media Tank size	254 mm x 1118 mm
Backwasable Filter Cell	254 mm x 1118 mm Tanks in parallel with connecting manifold
Backwashable Filter Size	2.5 cu ft of Katalox Light

Stage 2 - Softener

Media Tank size	254 mm x 1118 mm
Backwasable Filter Cell	254 mm x 1118 mm - Tanks in parallel with connecting manifold
Backwashable Filter Size	2.5 cu ft of 10% Cross Link Resin - up to 80,000 Grain Capacity

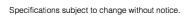
Stage 3 - Carbon

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Media Tank size	254 mm x 1118 mm
Backwasable Filter Cell	254 mm x 1118 mm - Tanks in parallel with connecting manifold
Backwashable Filter Size	2.5 cu ft of Catalytic Carbon



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**Input levels outside of device parameters may require pretreatment such as a water softener or iron breaker.

Designed and assembled in an ISO 13485 facility in Michigan.

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ML082 Rev A

Electronics

AC Inlet:1 interchangeable	US:120 V/ 60Hz EU:220 V/50Hz
Pressure Sensors:2	1 : Inlet 0 -100 PSI, 2 : Outlet 0 -100 PSI
Flow Sensor:1	1 : Outlet 0 - 189 LPM
Wireless Communication	2 way capable
Firmware Updates	WiFi update capable / USB Port

Software

Encryption	TLS 1.2
Operation	Automatic regen & backwash

For Reduction of:

• Iron	Chloramine
Arsenics	• Lead
Sediment to 5 Microns	• VOCs
• Turbidity	• Odor
Hardness	Barium
Chlorine	Radium



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