

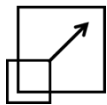


# HANS™ Pre-Treatment Module

**Iron/Arsenic - Softener - Carbon**



**Space Saving Footprint**  
Compact design to solve water needs



**Modular Flexibility**  
Provide scalability to meet your volume needs



**Easy Installation**  
Plug & play deployment



**Smart Monitoring**  
Wi-Fi enabled for remote monitoring

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

# HANS™

Premium Water

## 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 x 1359 mm
Power	US: 120 V / 60Hz EU: 220 V / 50Hz dedicated GFCI

### Stage 1 - Iron/Arsenic

Media Tank size	254 mm x 1118 mm
Backwashable 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
Backwashable 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

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

### 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



Iron/ Arsenic    Softener    Carbon



Specifications subject to change without notice.

\*\*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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