ect2
Montrose Environmental Group

SORBIX™ H Series

SUMMARY

Utilizing ECT2's SORBIX™ PURE Ion Exchange Resins, designed to remove a wide spectrum of PFAS chemicals for contaminated water down to non-detect levels, the H Series Product Line is for projects with flows greater than 58 gpm. This proven performance provides the best removal efficiency of PFAS compounds, including short chain molecules, on the market. For optimal performance, the installation of two vessels in a lead/lag configuration is recommended.

The H Series treatment system is designed to reduce concentrations of PFAS to non-detect levels. Additionally, because of the high removal capacity and higher kinetics of the SORBIX PURE resins, less media and fewer changeouts are required than carbon, resulting in lower waste volumes to dispose of and a smaller footprint.

Model Number	Vessel Diameter (ft)	Straight Shell Height (ft)	Resin Volume (ft^3)	Flow Rate (gpm)	EBCT at Max Flow (min)*	Vessel Connection Size (in)	Overall System Dimensions (LxWxH)	Max GAC Flow Rate with Same Vessel Diameter (gpm)
35+	3.5	5	39	58-115	2.5	3	13'4"x6'x8'10"	28
45	4	5	50	75-151	2.5	3	14'4"x6'6"x9'2"	50
56	5	6	79	118-236	2.5	4	17'5"x8'2"x12'3"	79
66	6	6	113	170-339	2.5	6	19'3"x8'10"x12'10"	113
86	8	6	201	302-603	2.5	6	23'3"x10'11"x13'10"	217[a]
108	10	8	393	471-942	3.1	8	28'3"x12'11"x17'2"	534[b]
128	12	8	679	679-1357	3.7	8	31'4"x15'1"x18'2"	534[b] - 1069[c]

*Flows can exceed the published flows with ECT2 approval
a - with 10,000 lbs
b - with 20,000 lbs
c - with 40,000 lbs

ect2
Montrose Environmental Group

WWW.ECT2.COM

Montrose Environmental Group

SORBIX™ H Series

Features:

- Compact Design
- Fast Kinetics
- Non-Detect Performance
- High PFAS Capacity
- Robust Design

Benefits:

- Small Footprint
- Fewer Changeouts
- Small Waste Volumes
- Cost Effective
- Low Maintenance

Applications:

- Drinking Water
- Groundwater Remediation
- Industrial Wastewater
- Surface Water Remediation
- Rapid Response

Product Design & Options:

- NSF61 certified resin and components
- 125 psig ASME code vessels
    - 8 or 11-valve manifold
- Lined Carbon Steel, PVC, or 304SS
- Interconnecting piping
- Upper and lower screen distributors for even flow distribution
- Internals for all models 304SS
- Mid-bed sample valves
- Lead/lag configuration
- Fully drainable vessel
- Resin traps (Optional)
- Custom configurations available for tight footprints

ECT2's SORBIX™ PURE Ion Exchange Resins are certified by the Water Quality Association to meet NSF/ANSI/CAN 61 Drinking Water System Components standards for drinking water. The WQA's Gold Seal Product Certification program independently verifies that the product has passed the rigorous testing requirements of industry standards.