

Low Profile Air Strippers



Treatment

The stacked tray air stripper uses forced draft, counter-current air stripping through horizontally extended trays to remove volatile organic compounds from water. Contaminated water is sprayed into the top inlet chamber through a coarse mist spray nozzle. The water flows over a distribution weir and along the tray. Clean air, blown up through 3/16" (4.8mm) diameter holes in the tray, forms a froth of bubbles generating a large mass transfer surface area where the contaminants are volatilized. The necessary contact time to reach required volatilization is achieved through model size, addition of trays, and flow rate selection.

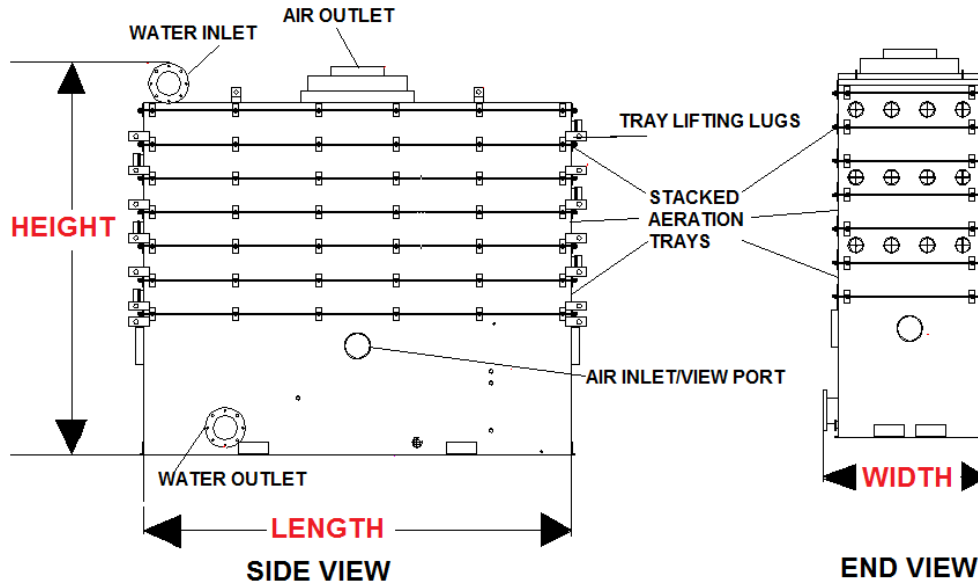


Applications

- Removal of dissolved volatile organic compounds (VOC's) from water
- Drinking water for dissolved VOC's
- Groundwater /wastewater treatment
- Removal of dissolved gasoline range organics (BTEX compounds), DRO & other hydrocarbons from water (including MTBE)
- De-gasification (CO₂ removal)
- Removal of dissolved chlorinated organic compounds from water (TCE, PCE, TCA, DCA...)
- Radon removal

H2K Technologies, Inc.
7550 Commerce St
Corcoran, MN 55340
Phone: 763.746.9900
Fax: 763.746.9903
www.H2KTECH.com
Sales@H2KTech.com

Model Number	Liquid Flow Range, gpm	Air flow & pressure drop for (4) tray unit	Tray Dimension Width x Length x Height (or Diameter Ø x height)	(4) Tray Unit Overall Height (ft)	Inlet/Outlet connection, Standard	Vapor discharge connection, inches	Shipping Weight Lbs.	Operating Weight Lbs.
1300	1-24 gpm	150 cfm	12" x 36" x 9"	8.5	1" FPT	6"	300	890
1300P	1-15 gpm	150 cfm	30" Ø x 12.75"	78.25"	1" FPT	6"	450	940
2300	1-45 gpm	300 cfm	24" x 36" x 9"	10.5	1 1/4" FPT	8"	900	1,520
2300P	1-50 gpm	300 cfm	46" Ø x 12.75"	12	1 1/4" FPT	8"	970	6,250
2600	2-115 gpm	600 cfm	24" x 72" x 9"	14	2" FPT	8"	3,590	7,800
3600	3-160 gpm	900 cfm	36" x 72" x 9"	16	3" FPT	10"	4,090	9,230
31200	6-425 gpm	1800 cfm	36" x 144" x 12"	12	3" /4" FPT	16"	4,800	6,250
41200	8-550 gpm	2400 cfm	48" x 144" x 12"	14	6" 125 lb flange	18"	7,590	15,900
61200	12-820 gpm	3600 cfm	72" x 144" x 12"	14	8" 125 lb flange	18"	9,000	21,800
81200	50-1100 gpm	4800 cfm	96" x 144" x 12"	14	10" 125 lb. flange	24"	12,000	30,000



Options

- Induced draft blower configuration for humidity
- Larger clear well for more pump down volume
- High flow units up to 1000 gpm
- Sound enclosure with urethane sound insulation to reduce sound level 10-15 dBA at 3'
- Centrifugal discharge pump & level controls
- Heat trace or immersion heaters for classified or non-classified electrical areas for freeze protection
- R-5 insulation with jacket, (FRP or aluminum jacket)
- Custom control panel to control blower, pump and other equipment if required
- Process duct heater to lower humidity in off gas vapor before vapor GAC treatment
- Off gas ducting, FRP, PVC, coated or hot dipped galvanized steel construction
- Enclosures or trailer for freeze protection or mobility
- Flow, pressure, level & temperature gages or transmitters

