

AutoTracker® Vacuum Extraction Inlet



The AutoTracker® Floating Extraction Inlet (U.S. Patent No. 6,520,259) optimizes dual-phase extraction and bio-slurping system performance by assuring proper air-to-water ratios even as water levels change.

Groundwater fluctuations can cause severe disruptions for dual-phase extraction systems using a fixed entrainment drop pipe, or “stinger tube”.

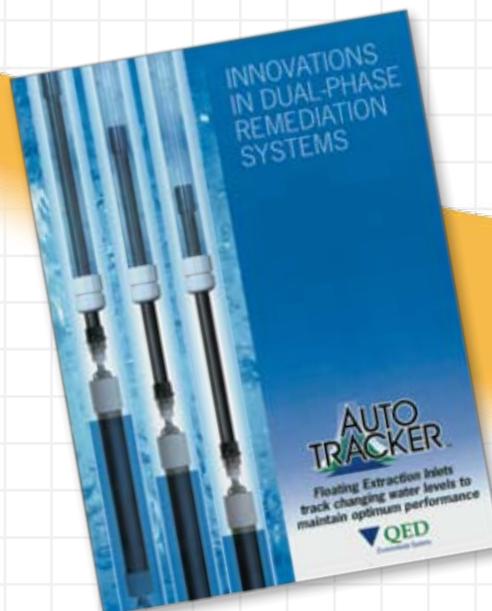
When the water table falls below the elevation of a fixed extraction inlet, groundwater recovery ceases and treatment efficiency decreases. When the water level rises above the end of a fixed inlet, vapor recovery becomes impossible. AutoTracker Floating Extraction Inlets eliminate these common causes of system shutdowns and missed recovery goals. Startup and restarts are also easier with the AutoTracker.

Warranty

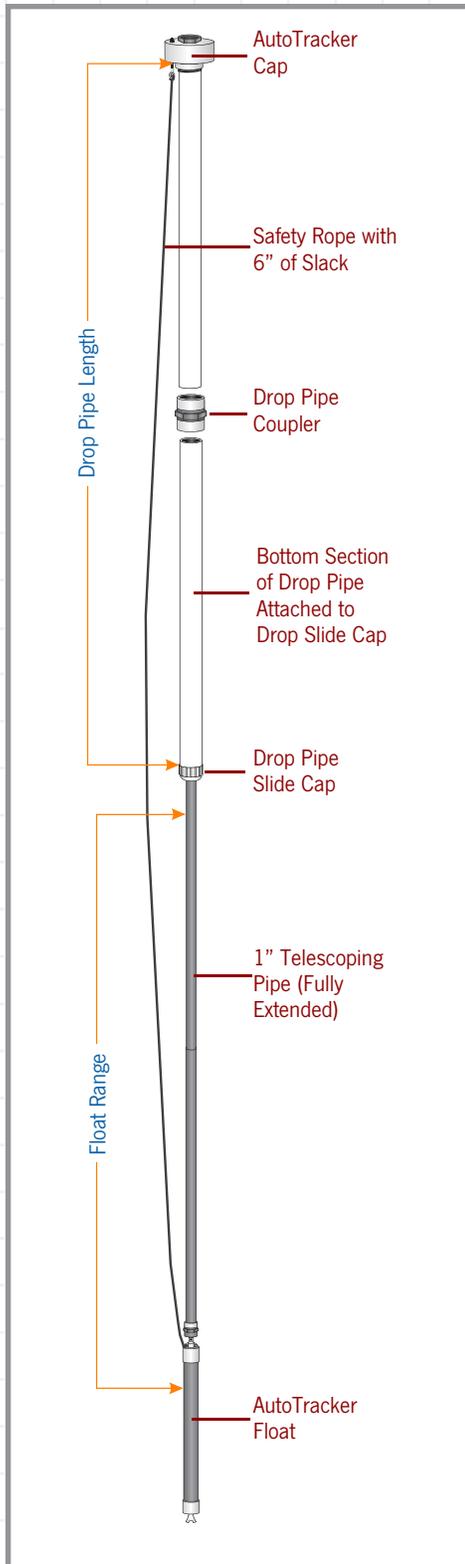
AutoTracker is warranted for one (1) year.

Advantages

1. Maintains air and liquid flow balance to reduce O&M costs and clean up sites faster.
2. Easier system startup and restart.
3. No need for precise inlet positioning.



AutoTracker[®] Vacuum Extraction Inlet



Specifications

Model No.	AT5	AT10
Float Range	5 ft. (1.5 m)	10 ft. (3 m)
Minimum Well Depth Below Top of Casing Needed to Achieve Full Travel Range	13.75 ft. (4.19 m)	23.75 ft. (7.24 m)
Elevation Range of Floating Inlet Travel w/Minimum Well Depth	8.75-13.75 ft. (2.67-4.19 m)	13.75-23.75 ft. (4.19-7.24 m)
Float Length	33.5 in. (85.09 cm)	33.5 in. (85.09 cm)
Floating Section OD	2.8 in. max (7.11 cm max)	2.8 in. max (7.11 cm max)
Weight	5.8 lbs. (2.63 kg)	5.8 lbs. (2.63 kg)

Model Selection Chart

Model No.	AT5	AT10
Desired Midpoint of Float Range	8.5 ft. (2.5 m)	16 ft. (6.4 m)
	13.5 ft. (4.1 m)	21 ft. (4.8 m)
	18.5 ft. (5.6 m)	26 ft. (7.9 m)
	23.5 ft. (7.1 m)	31 ft. (9.4 m)
	28.5 ft. (7.1 m)	36 ft. (10.9 m)
	33.5 ft. (10.2 m)	Other
	Other	Other
	Other	Other
Float Travel Range	6-11 ft. (1.8-3.3 m)	11-21 ft. (3.3-4.8 m)
	11-16 ft. (3.3-4.8 m)	16-26 ft. (6.4-7.9 m)
	16-21 ft. (4.8-6.4 m)	21-31 ft. (4.8-9.4 m)
	21-26 ft. (6.4-7.9 m)	26-36 ft. (7.9-10.9 m)
	26-31 ft. (7.9-9.4 m)	31-41 ft. (9.4-12.5 m)
	31-36 ft. (9.4-10.9 m)	± 5 ft. (1.5 m) from midpoint
	± 2.5 ft. (.76 m) from midpoint	
Drop Pipe Length Required	5 ft. (1.5 m) Minimum	10 ft. (3 m) Minimum
	10 ft. (3 m)	15 ft. (4.5 m)
	15 ft. (4.5 m)	20 ft. (6 m)
	20 ft. (6 m)	25 ft. (7.6 m)
	25 ft. (7.6 m)	30 ft. (9.1 m) Maximum
	30 ft. (9.1 m) Maximum	= midpoint -6 ft. (1.8 m)
	= midpoint -3.5 ft. (1 m)	