ATL™
by INFILTRATOR

Advanced Treatment **Leachfield**



Quick & Easy **Installation**

Now Available in **New York**



- **A Passive System – No Moving Parts**
- **Shallow System Maximizes Site Suitabilty, Reducing Sand Fill Requirements**
- **No Venting Required**

Reimagining **Onsite Water Management**

INFILTRATOR
water technologies

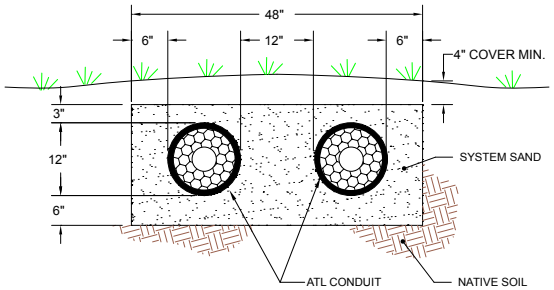
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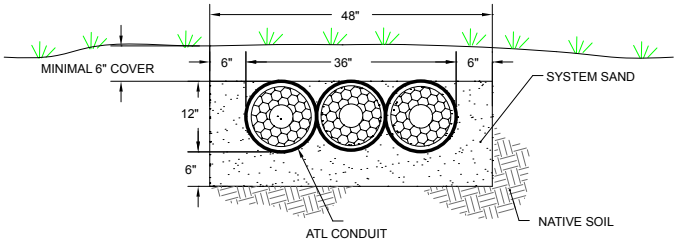
The ATL trench system shall be sized in accordance with the New York State Department of Health Residential Onsite Wastewater Treatment Systems Design Handbook (Design Handbook) when the product is installed as a gravelless geotextile sand filter system or a gravelless media-wrapped corrugated pipe sand-lined system. Gravelless geotextile sand filter systems are designed and installed with two rows of ATL conduit in a 4-foot-wide trench. Gravelless media-wrapped corrugated pipe sand-lined systems are designed and installed with one row of ATL conduit in a 2-foot-wide trench.

Sizing charts for each trench configuration are provided below. Note that the minimum trench lengths shown in the tables below are adapted from Table 6D of the Design Handbook and rounded up to the nearest 5-foot-long increment. Additional trench length can be installed if only 10-foot lengths of ATL conduit are available, or per design.

Gravelless Geotextile Sand Filter System – Minimum ATL Trench Length

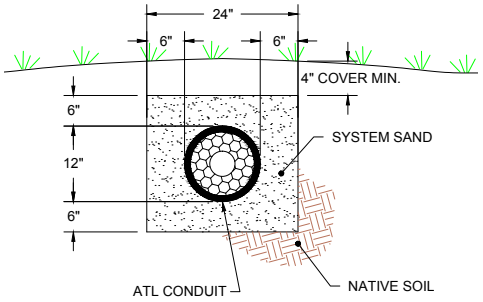
Percolation Rate (min/inch)	Application Rate (gal/day/sf)	Flow Rate (gallons per day)														
		2 Bedrooms			3 Bedrooms			4 Bedrooms			5 Bedrooms			6 Bedrooms		
		220	260	300	330	390	450	440	520	600	550	650	750	660	780	900
1 - 5	1.20	35	40	45	50	55	65	65	75	85	80	95	105	95	110	125
6 - 7	1.00	40	45	50	55	65	75	75	90	100	95	110	125	110	130	150
8 - 10	0.90	45	50	60	65	75	85	85	100	115	105	125	140	125	145	170
11 - 15	0.80	50	55	65	70	85	95	95	110	125	115	140	160	140	165	190
16 - 20	0.70	55	65	75	80	95	110	105	125	145	135	155	180	160	190	215
21 - 30	0.60	65	75	85	95	110	125	125	145	170	155	185	210	185	220	250
31 - 45	0.50	75	90	100	110	130	150	150	175	200	185	220	250	220	260	300
46 - 60	0.45	85	100	115	125	145	170	165	195	225	205	245	280	245	290	335





Gravelless Media-Wrapped Corrugated Pipe System – Minimum ATL Trench Length

Percolation Rate (min/inch)	Application Rate (gal/day/sf)	Flow Rate (gallons per day)														
		2 Bedrooms			3 Bedrooms			4 Bedrooms			5 Bedrooms			6 Bedrooms		
		220	260	300	330	390	450	440	520	600	550	650	750	660	780	900
1 - 5	1.20	65	75	85	95	110	125	125	145	170	155	185	210	185	220	250
6 - 7	1.00	75	90	100	110	130	150	150	175	200	185	220	250	220	260	300
8 - 10	0.90	85	100	115	125	145	170	165	195	225	205	245	280	245	290	335
11 - 15	0.80	95	110	125	140	165	190	185	220	250	230	275	315	275	325	375
16 - 20	0.70	105	125	145	160	190	215	210	250	290	265	310	360	315	375	430
21 - 30	0.60	125	145	170	185	220	250	245	290	335	310	365	420	370	435	500
31 - 45	0.50	150	175	200	220	260	300	295	350	400	370	435	500	440	520	600
46 - 60	0.45	165	195	225	245	290	335	330	390	445	410	485	560	490	580	670



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U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844 Canadian Patents: 1,329,959; 2,004,564
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