# **Infiltrator Septic Tank General Installation Instructions**



# **BEFORE YOU BEGIN**

Infiltrator Water Technologies' tanks must be installed according to state and/or local regulations and approvals, which supersede the manufacturer's installation instructions. If unsure of the installation requirements for a specific site, contact the health department or permitting authority. The Infiltrator Tank models referred to in this document include the IM-300, IM-540, IM-1060, CM-1060, IM-1250, and IM-1530.



WARNING: IMPLOSIONS MAY CAUSE SERIOUS INJURY Follow Infiltrator Water Technologies' vacuum test instructions

#### **MATERIALS AND EQUIPMENT NEEDED** ☐ Infiltrator tank ☐ Shovel ☐ Access port lid(s)\* □ I evel □ 10 screws per lid\* ☐ 5-inch-diameter (125 mm) ☐ Inlet/outlet gaskets hole saw (included)\* □ Utility knife ☐ PVC pipe glue with primer □ Inlet/outlet tees\* ☐ Tape measure \*Lid, gasket, and tee inclusion ☐ Pipe, risers, etc. varies by state/province and ☐ Socket wrench tank model □ Excavator

#### INSTALLATION SITE SELECTION

- 1. Do not install the tank in vehicular traffic areas. The tank is designed for non-traffic applications.
- 2. With the exception of the IM-300, the allowable soil cover depth is 6 to 48\* inches (150 to 1,200 mm). For the IM-300, the allowable soil cover depth is 6 to 52\* inches (150 to 1.321 mm), \*18-inch (450 mm) max. in Florida for Cat. 3 tanks; 48-inch (1,200 mm) max. in Florida for Cat. 4 tanks; and 36-inch (900 mm) max. in Massachusetts, New Hampshire, North Carolina, and Oregon.
- 3. The tank shall not be installed where the subsurface water level outside the tank exceeds the height of the outlet pipe saddle. See page 6 illustration. See installation terminology on page 6 for Indiana installations.

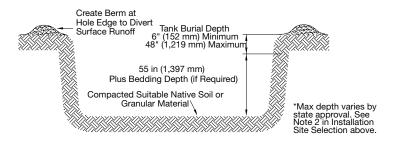
# **EXCAVATING AND PREPARING THE SITE**

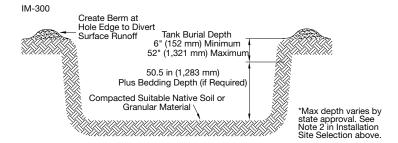
- 1. Unless buoyancy control measures are required, the excavation width and length should be 18 to 36 inches (450 to 900 mm) larger than the tank on each side or sized as necessary to ensure proper backfill compaction, as outlined in Steps 5-10 of "Backfilling the Tank" in this document. See Infiltrator Tank Buoyancy Control Guidance document, available online at www.infiltratorwater.com, for specific excavation requirements when installing with buoyancy control measures.
- 2. With the exception of the IM-300, excavation depth shall account for the 55-inch (1,375 mm) tank height. The IM-300 height is 50.5 inches (1,283 mm). Account for 4 inches (100 mm) of bedding (if required) and cover depth.

Note: If the water level outside the tank exceeds the height of the outlet pipe saddle, tank structural integrity may be compromised. See page 6 for maximum allowable subsurface water elevation guidelines. See page 6 note. Indiana Installations: If the depth of the uninterrupted saturated soil conditions cannot be determined from the site soil evaluation report or other site-related data and other information indicates the possible presence of a perched ground water table, tank installation is permissible. See installation terminology on page 6.

- 3. Inspect bottom of excavation to verify suitability of native soil for tank installation. Soils with large, protruding, or sharp stones or other similar objects that may damage the tank are not suitable.
- The tank may be installed either in suitable native soil (see Backfilling the Tank section) or a minimum 4-inch (100 mm) layer of well-graded granular soil having particles less than 3 inches (75 mm) in diameter, or maximum 0.5-inch (13 mm) diameter crushed
- 5. Create a uniform, compacted, level surface to ensure that the bottom of the tank is evenly supported. Verify that the installation surface is flat.

All Tank Models Except IM-300

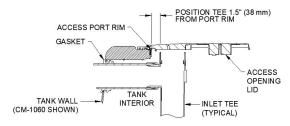


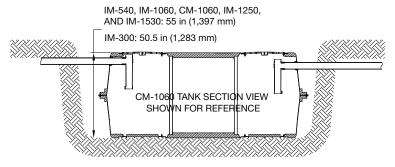


# INSTALLING THE TANK

- 1. Inspect the tank for damage before installation.
- 2. If the tank inlet and outlet penetrations are not drilled, drill holes using the drill points provided at each of the inlet and outlet ports according to Table 4 in the Inlet and Outlet Hole Locations section. The inlet and outlet may be drilled on either the sides or ends of the tank, as required based on applicable codes and site conditions.\*
  - \* Kentucky and West Virginia tanks are factory-drilled. Florida and Oregon tanks must be factory- or distributor-drilled.
- 3. The gaskets supplied with the tank are compatible with Schedule 40 and SDR 35 pipe using a 5-inch-diameter (125 mm) hole saw.
- 4. Install the rubber gaskets at the inlet and outlet.
- 5. Using all four of the tank's integral lifting lugs, lower tank into excavation.
- 6. Slide the inlet and outlet pipes\* through the gaskets. Soapy lubricant may be used to slide the pipe in. \*For North Carolina, the inlet pipe shall be a straight pipe with no
- 7. Horizontally position the tee 1½ inches (38 mm) from the access port rim, allowing the tee to fit into the recess in the access port lid (see detail).

Install lids and risers (see Installing Risers section) as necessary.
Rotate lid over access opening until it indexes to tank and drops into position.

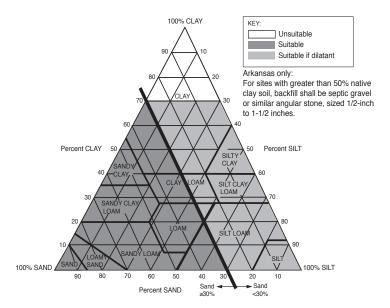




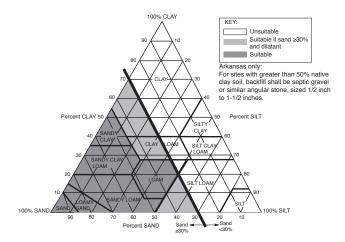
#### **BACKFILLING THE TANK**

Note: Infiltrator tanks do not require filling with water prior to backfill placement. Water filling and backfilling to the tank mid-height is required if the tank is left in either an open or backfilled excavation that may fill with water from rain or other sources.

- 1. Backfill with suitable native soil (max. 3-inch (75-mm) stone diameter). If native soil is unsuitable, replace unsuitable fraction with suitable soil. If suitable soil is not locally available, contact Infiltrator for assistance.
- Suitable soil shall include soil textural classes defined in the United States Department of Agriculture soil triangle.
  - a) For a tank soil cover depth of 0.5 to 2.0 feet (150 to 600 mm), suitable soil textures include:



b) For a tank soil cover depth that is greater than 2.0 feet and up to 4.0 feet (600 to 1,200 mm) for all tank models except IM-300, which is greater than 2.0 feet and up to 4.3 feet (600 to 1,300 mm), suitable soil textures include:



3. Backfill should not have stones greater than 3 inches (75 mm) in diameter or excessive clods that do not break apart during placement and compaction. Backfill must be capable of occupying the spaces between the tank ribs and beneath the haunches.

Note: Rounded screened aggregate (e.g., pea gravel) is not a suitable backfill.

 Standard field soil classification methods shall be used to determine the soil textural class.

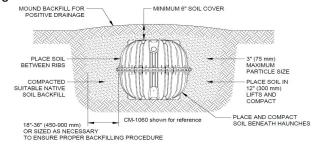
Note: Under most circumstances, the determination of soil dilatancy will not be required. Dilatancy shall be determined in the field using a test that does not require specialized equipment, per ASTM D2488, Section 14.3.

Place and compact soil by walking-in beneath the haunches of the tank.

Note: Compacting soil beneath the haunches is critical for tank structural integrity.

- 6. Place backfill around the four sidewalls in an alternating manner, so that the backfill height along the four sidewalls is maintained within a 12-inch (300-mm) tolerance.
- Do not backfill top of tank before sidewalls are completely backfilled.
- 8. Continue to place backfill along the sidewalls in 12-inch (300-mm) lifts. Place backfill between the ribs on the sidewalls such that the space between the ribs is completely filled with soil.
- 9. Compact backfill material either by walking-in, hand tamping or mechanical compaction (includes backhoe bucket). If mechanical compaction is used, such as a walk-behind tamper or backhoe bucket, a single pass is recommended. Compact each lift prior to placement of next lift. Compact backfill from tank walls to excavation sidewalls.
- 10. Complete backfilling and grade the area.
- 11. A minimum 6-inch (150-mm) depth of suitable soil must be placed over the top of the tank. The balance of backfill placed to finish grade above the tank may be either suitable or unsuitable soil.
- 12. Establish a strong stand of erosion-resistant vegetation.

Note: Grade to prevent the backfilled excavation from filling with surface runoff. If the subsurface water level in the backfilled excavation exceeds the height of the outlet pipe saddle, tank structural integrity may be compromised. See page 6 for illustration.



# SHORT AND LONG-TERM GROUNDWATER CONTROL

It may be necessary to implement groundwater control measures during tank installation. Maintain dry conditions by expanding the excavation to create a short-term groundwater collection sump for temporary placement of a dewatering pump if needed. Long-term groundwater control measures such as underdrains and interceptor trenches may be sensible if the site is amenable to construction of a control system and such systems are not prohibited by regulation or law, and the tank location is not subject to flooding. Underdrains and groundwater interceptor trenches may prevent the need for tank buoyancy control measures.

# INSTALLING UNDER SHALLOW GROUNDWATER CONDITIONS

Buoyancy control measures may be required if the tank is to be installed with less than 12 inches (300 mm) of soil backfill cover, and where the water level outside the tank (See Table 1, Note 5) has the potential to rise 30 inches (750 mm) or more above the elevation of the tank bottom. Otherwise, no control measures are required (see Table 1). The need for buoyancy control measures must be determined based on backfill cover depth and height of water outside of tank above the tank bottom according to Table 1. Refer to Infiltrator Tank Buoyancy Control Guidance document for more information.

**Table 1:** Infiltrator Tank Models<sup>1</sup> and Conditions Requiring Buoyancy Control

Parameter I: Subsurface water height above tank bottom		Parameter II: Soil cover depth above tank top <sup>2</sup>			
		·   A			
		6 in (150 mm) up to 12 in (300 mm)	12 in (300 mm) or greater		
1	Above outlet pipe saddle <sup>4</sup> (greater than 43" [1,075 mm]	Do not install tank	Do not install tank		
2	36" (900 mm) to 43" (1,075 mm) <sup>4</sup> (to outlet pipe saddle)	All models except IM-300	Not Required		
3	30" (750 mm) to 36" (900 mm)	IM-1530	Not Required		
4	Less than 30" (750 mm)	Not Required	Not Required		

#### Notes:

- Infiltrator tank models include: IM-300, IM-540, IM-1060, CM-1060, IM-1250, and IM-1530.
- 2. Minimum 6 inches (150 mm) soil cover backfill is required.
- Infiltrator tanks shall not be installed where the subsurface water level outside the tank exceeds the height of the outlet pipe saddle.See Figure 1.
- 4. The height of the outlet pipe saddle for the IM-540, IM-1060, CM-1060, IM-1250, and IM-1530 is 43 in (1,075 mm). The height of the outlet pipe saddle for the IM-300 is 40.75 in (1,035 mm).
- 5. For Indiana installations, if the depth of uninterrupted saturated soil conditions cannot be determined from the site soil evaluation report or other site-related data and other information indicates the possible presence of a perched ground water table, no buoyancy controls are required. See page 6 note on terminology.

### **INSTALLING RISERS**

1. Compatible risers include 24-inch (600 mm) diameter products such as the Infiltrator EZsnap, TW-Riser, and EZset by Infiltrator, PolyLok<sup>®</sup>, Inc., and Tuf-Tite<sup>®</sup> Corporation, in addition to 24-inch (600 mm) diameter corrugated HDPE and IPEX Ultra Rib<sup>®</sup> PVC pipe. Follow Infiltrator's Tank Riser Connection Guidance Document.

2. In Oregon only, watertightness testing shall include filling with water at least 2 inches above riser connection, with no more than 1 gallon leakage per 24 hours, per OAR 340-073-0025(3).

# **INSTALLING PUMPS AND RELATED EQUIPMENT**

Pumps may be supported on a stable, level 16x16-inch (400x400-mm) platform positioned on the bottom of the tank. One 16x16-inch block or two 8x16-inch (200 -mm x 400-mm) side-by-side blocks may be used. Limit block height to account for pump height and liquid levels during pump cycles. Block(s) should be placed below an access opening and level upon the tank bottom. For two blocks, orient them perpendicular to ribs on the tank bottom, if present, for stability.

Installation of products such as electrical conduit and wiring, pumps, water level control equipment, valves, siphon equipment, etc. shall be in accordance with the product manufacturer's instructions and compliant with applicable state or local rules and regulations. Appurtenances shall be fastened to the tank riser system and not the tank body or access opening rim. Where possible, appurtenances shall be installed to facilitate maintenance and repair access via the tank access openings.

Note: Prefabricated pump vaults may be installed.

#### **GENERAL SPECIFICATIONS**

- Failure to comply with installation instructions will void warranty.
- Prior to ground disturbance, check for subsurface obstructions and utilities in conformance with applicable requirements.
- Operating water temperature shall be less than 100° F (40° C).
- In cold conditions, handle and backfill tank with care to prevent impact damage.
- Tanks are not fire resistant. Store away from ignition sources.
- Removal of structural bulkheads is prohibited; removal of locking clips on the tank mid-seam connection is also prohibited.
- Only suitable for potable applications if the tank bears the NSF/ ANSI 61 certification mark. Otherwise, tank is recommended for use in septic, rainwater/stormwater storage, holding, and pump applications, or other non-potable uses.
- In applications when allowed by state and local regulations, when using lower inlet and outlet ports, a bulkhead fitting is required. Space constraints at inlet and outlet ports can limit the size of the bulkhead fitting. Typically, 2 or 3" bulkhead fittings is the maximum allowable size that will fit. The designer or contractor should verify a specific bulkhead fit on the Infiltrator tank prior to installation.
- Infiltrator tanks shall not be installed above ground. Contact Infiltrator if the 6-inch (150-mm) minimum soil cover depth cannot be met.

**Table 2: Nominal Volume Chart in U.S. Gallons** 

iquid height above tank bottom <sup>1</sup>		U.S. gallons at indicated height (measured from tank bottom to					surrace)
in	cm	IM-300	IM-540	IM-1060	CM-1060	IM-1250	IM-153
1	3	2	3	3	5	6	17
2	5	6	8	13	17	19	34
3	8	11	14	28	31	35	51
4	10	16	21	46	50	56	68
5	13	21	29	65	70	78	94
6	15	26	37	86	91	102	122
7	18	32	46	107	113	128	152
8	20	38	55	129	137	154	180
9	23	44	64	152	160	181	212
10	25	50	74	176	185	209	245
11	28	56	84	200	210	237	280
12	30	63	94	225	236	266	312
13	33	69	105	251	262	296	351
14	36	76	116	277	288	326	387
15	38	83	127	303	315	356	422
16	41	90	138	330	342	387	464
17	43	98	150	357	369	418	500
18	46	105	161	384	396	449	537
19	48	112	173	411	423	480	575
20	51	120	186	438	451	511	614
21	53	128	198	465	478	542	652
22	56	135	210	493	506	574	690
23	58	143	223	521	534	606	729
24	61	151	235	549	562	638	770
25	64	159	248	577	591	670	808
26	66	167	261	605	619	702	847
27	69	175	274	633	648	744	887
28	71	183	287	662	677	785	928
29	74	191	300	691	706	817	968
30	76	198	313	719	734	850	1,007
31	79	206	326	747	762	882	1,048
32	81	213	338	775	790	913	1,087
33	84	221	351	802	818	945	1,126
34	86	228	363	830	846	976	1,165
35	89	235	375	857	873	1,008	1,204
36	91	242	387	884	901	1,039	1,242
37	94	249	399	911	928	1,070	1,280
38	97	256	411	938	955	1,100	1,318
39	99	262	422	965	982	1,131	1,355
40	102	269	433	992	1,008	1,161	1,393
41	104	275	444	1,018	1,035	1,191	1,430
42	107	281	455	1,044	1,061	1,221	1,466
43	109	287	465	1,069	1,087	1,250	1,502
44	112	292	475	1,094	1,111	1,278	1,537
45	114	298	485	1,118	1,136	1,305	1,572
46	117	303	494	1,142	1,160	1,332	1,604
47	119	308	503	1,165	1,184	1,357	1,638
48	122	313	512	1,187	1,206	1,382	1,667
49	124	317	520	1,208	1,228	1,405	1,697
50	127	319 <sup>2</sup>	528	1,228	1,248	1,427	1,724
51	130	_	535	1,247	1,267	1,446	1,749
52	132	_	542	1,265	1,282	1,462	1,766
53	135	-	547	1,278	1,293	1,474	1,777
54	137	_	551 <sup>2</sup>	1,287	1,300 <sup>2</sup>	1,4782	1,785 <sup>2</sup>

#### Notes:

- 1. Liquid height measured from lowermost inside surface at bottom of corrugation in tank to the liquid surface elevation.
- 2. The total capacity of the of the IM-300 tank is 322 gallons; the total capacity of the IM-540 tank is 552 gallons; the total capacity of the CM-1060 is 1,309 gallons; the total capacity of the IM-1250 is 1,480 gallons; the total capacity of the IM-1530 tank is 1,787 gallons.
- 3. To determine the liquid volume between two heights, subtract the Table 2 volume indicated for the upper and lower heights. Example: CM-1060 volume between 50 in (127 cm) and 40 in (102 cm) = 1,248 gal 1,008 gal = 240 gal.

**Table 3: Nominal Volume Chart in Liters** 

Liquid height above tank bottom <sup>1</sup>		Liters at indicated height (measured from tank bottom to liquid surface) <sup>1</sup>						
in cm		IM-300	IM-540	IM-1060	CM-1060	IM-1250	IM-1530	
1	3	8	11	11	21	23	64	
2	5	23	30	49	64	72	129	
3	8	42	53	106	119	132	193	
4	10	61	79	174	188	212	257	
5	13	79	110	246	263	295	356	
6	15	98	140	326	344	386	462	
7	18	121	174	405	429	484	575	
8	20	144	208	488	517	583	681	
9	23	167	242	575	608	685	802	
10	25	189	280	666	700	791	927	
11	28	212	318	757	795	897	1,060	
12	30	238	356	852	892	1,007	1,181	
13	33	261	397	950	991	1,120	1,329	
14	36	288	439	1,048	1,091	1,234	1,465	
15	38	314	481	1,147	1,192	1,347	1,597	
16	41	341	522	1,249	1,293	1,465	1,756	
17	43	371	568	1,351	1,396	1,582	1,893	
18	46	397	609	1,453	1,499	1,699	2,033	
19	48	424	655	1,556	1,602	1,817	2,176	
20	51	454	704	1,658	1,706	1,934	2,324	
21	53	484	749	1,760	1,811	2,051	2,468	
22	56	511	795	1,866	1,916	2,173	2,612	
23	58	541	844	1,972	2,022	2,294	2,759	
24	61	572	889	2,078	2,129	2,415	2,914	
25	64	602	939	2,184	2,236	2,536	3,058	
26	66	632	988	2,290	2,344	2,657	3,206	
27	69	662	1,037	2,396	2,453	2,816	3,357	
28	71	693	1,086	2,506	2,563	2,971	3,512	
29	74	723	1,136	2,615	2,671	3,092	3,664	
30	76	749	1,185	2,721	2,778	3,217	3,811	
31	79	780	1,234	2,827	2,885	3,338	3,967	
32	81	806	1,279	2,933	2,991	3,456	4,114	
33	84	836	1,329	3,036	3,096	3,577	4,262	
34	86	863	1,374	3,142	3,201	3,694	4,410	
35	89	889	1,419	3,244	3,305	3,815	4,557	
36	91	916	1,465	3,346	3,409	3,933	4,701	
37	94	942	1,510	3,448	3,512	4,050	4,845	
38	97	969	1,556	3,550	3,614	4,164	4,989	
39	99	992	1,597	3,653	3,716	4,281	5,129	
40	102	1,018	1,639	3,755	3,817	4,394	5,273	
41	104	1,041	1,681	3,853	3,917	4,508	5,413	
42	107	1,064	1,722	3,952 4,046	4,016	4,621	5,549	
43	109	1,086	1,760	4,046	4,113	4,731	5,685	
44	112	1,105	1,798	· · · · · · · · · · · · · · · · · · ·	4,207	4,837	5,818	
45 46	114 117	1,128 1,147	1,836 1,870	4,232 4,322	4,302 4,393	4,940 5,040	5,950 6,071	
47	117	1,147	1,904	4,322	4,393	5,040	6,200	
48	122	1,185	1,904	4,410	4,461	5,137	6,200	
49	124	1,100	1,938	4,493	4,648	5,230	6,423	
		1,200	<u> </u>	1	1	<b>-</b>	<u> </u>	
50	127		1,998	4,648	4,724	5,400	6,525	
51	130	_	2,025	4,720	4,794	5,474	6,620	
52	132	_	2,051	4,788	4,851	5,533	6,684	
53	135	_	2,070	4,837	4,896	5,578	6,726	
54	137	_	2,086 <sup>2</sup>	4,871	4,922 <sup>2</sup>	5,595 <sup>2</sup>	6,758 <sup>2</sup>	

### Notes:

- Liquid height measured from lowermost inside surface at bottom of corrugation in tank to the liquid surface elevation.
- 2. The total capacity of the of the IM-300 tank is 1,219 liters; the total capacity of the IM-540 tank is 2,090 liters; the total capacity of the CM-1060 is 4,955 liters; the total capacity of the IM-1250 is 5,599 liters; the total capacity of the IM-1530 tank is 6,765 liters.
- 3. To determine the liquid volume between two heights, subtract the Table 3 volume indicated for the upper and lower heights. Example: CM-1060 volume between 50 in (127 cm) and 40 in (102 cm) = 4,724 liters 3,817 liters = 907 liters.

# **INLET AND OUTLET HOLE LOCATIONS**

Drill height marks are provided on all Infiltrator tank models to guide inlet and outlet hole drilling. A single drill height mark is provided at each end or side port on tanks (example illustrated below). Holes may be drilled at the end or side inlet and outlet locations, as allowed by state and/or local regulations. The drill height mark indicates the center point location

for the hole saw. The pilot drill bit on the hole saw should be positioned at the center of the drill height mark to align the hole saw properly. Table 4 provides drilling and invert information by regulatory jurisdiction for the installation of 4-inch-diameter (100 mm) pipe. Use the Infiltrator Invert Drop Drill Position Tool to adjust for the Florida invert drop height.

Table 4: Inlet and Outlet Hole Locations<sup>1</sup>

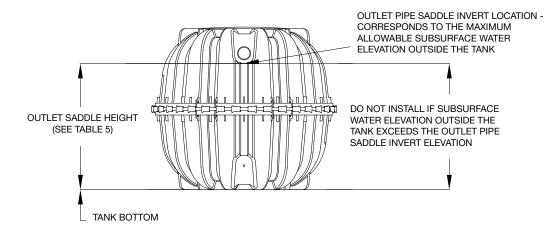
	Inlet Drill	Outlet Drill Location	Invert Drop (in) [mm]	Inlet Invert He	Outlet Invert	
Jurisdiction <sup>2</sup>	Location			Above Inside Bottom of Tank <sup>3</sup>	Above Excavation Base⁴	Height <sup>3</sup> and Liquid Level (in) [mm]
IM-300						
All	All	All	2.00 [51]	43.25 [1,099]	43.45 [1,104]	41.25 [1,048]
		IM-54	0, CM-1060, IN	M-1250, IM-1530		
All Except Florida	All	All	3.00 [76]	47.00 [1,194]	47.20 [1,199]	44.00 [1,118]
Florida	End	End	2.00 [51]	46.00 [1,168]	46.20 [1,174]	44.00 [1,118]
IM-1060						
All Except Florida	End Side Side End	End Side End Side	3.00 [76] 3.00 [76] 3.50 [89] 2.50 [64]	47.00 [1,194] 47.50 [1,207] 47.50 [1,207] 47.00 [1,194]	47.20 [1,199] 47.70 [1,212] 47.70 [1,212] 47.20 [1,199]	44.00 [1,118] 44.50 [1,130] 44.00 [1,118] 44.50 [1,130]
Florida	End	End	2.00 [51]	46.00 [1,168]	46.20 [1,174]	44.00 [1,118]

- 1. State, provincial, and local regulatory requirements supersede Table 4 information.
- 2. Kentucky and West Virginia tanks are factory-drilled. Florida and Oregon tanks must be factory- or distributor-drilled.
- 3. Invert heights are measured from the lowest interior surface at the bottom of the tank to the invert.
- 4. Invert heights are measured from the base of the excavation to the invert.

#### Installation Terminology

- 1. "Subsurface water" refers to a water-saturated zone of soil. Do not install if subsurface water is continuous from the tank bottom elevation to any point above the outlet pipe saddle elevation.
- 2. "Uninterrupted saturated soil" refers to water-saturated soil with no gaps in the saturated condition. An example of a gap in the saturated condition is a perched water table, when two water-saturated soil zones are interrupted by an unsaturated soil zone. Do not install if uninterrupted saturated soil is present from the tank bottom elevation to any point above the outlet pipe saddle elevation.
- 3. A perched water table is allowable above the outlet pipe saddle elevation only if unsaturated soil is present between the perched water table and tank bottom elevation.

# Limitations When Subsurface Water is Present Above the Tank Bottom



Tank Model	Outlet Saddle Height
IM-300	40.75 in (1,035 mm)
IM-540	43.00 in (1,092 mm)
IM-1060	43.00 in (1,092 mm)
CM-1060	43.00 in (1,092 mm)
IM-1250	43.00 in (1,092 mm)
IM-1530	43.00 in (1,092 mm)

# Infiltrator Water Technologies, LLC ("Infiltrator")

# INFILTRATOR® SEPTIC TANK LIMITED WARRANTY FIVE (5) YEAR MATERIALS AND WORKMANSHIP LIMITED WARRANTY

- (a) This limited warranty is extended to the end user of an Infiltrator Tank. A Tank manufactured by Infiltrator, when installed and operated in accordance with Infiltrator's installation instructions and local regulation by a person or company that is properly qualified to install the Infiltrator Tank in accordance with applicable state and/or local requirements, is warranted to you: (i) against defective materials and workmanship for five (5) years after installation. Infiltrator will, at its option, (i) repair the defective product or (ii) replace the defective materials. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Tank.
- (b) In order to exercise its warranty rights, you must notify Infiltrator in writing at its corporate headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect.
- (c) YOUR EXCLUSIVE REMEDY WITH RESPECT TO ANY AND ALL LOSSES OR DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER SHALL BE SPECIFIED IN SUBPARAGRAPH (a) ABOVE. INFILTRATOR SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, HOWEVER OCCASIONED, WHETHER BY NEGLIGENCE OR OTHERWISE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
- (d) THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY GIVEN BY INFILTRATOR AND SUPERSEDES ANY PRIOR, CONTRARY, ADDITIONAL, OR SUBSEQUENT REPRESENTATIONS, WHETHER ORAL OR WRITTEN. INFILTRATOR DISCLAIMS AND EXCLUDES TO THE GREATEST EXTENT ALLOWED BY LAW ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FINESSE FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF DEALING, COURSE OF PERFORMANCE, OR USAGE OF TRADE. NO PERSON (INCLUDING ANY EMPLOYEE, AGENT, DEALER, OR REPRESENTATIVE) IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY CONCERNING THIS PRODUCT, EXCEPT TO REFER YOU TO THIS LIMITED WARRANTY. EXCEPT AS EXPRESSLY SET FORTH HEREIN, THIS WARRANTY IS NOT A WARRANTY OF FUTURE PERFORMANCE, BUT ONLY A WARRANTY TO REPAIR OR REPLACE.
- (e) YOU MAY ASSIGN THIS LIMITED WARRANTY TO A SUBSEQUENT PURCHASER OF YOUR HOME.
- (f) NO REPRESENTATIVE OF INFILTRATOR HAS THE AUTHORITY TO CHANGE THIS LIMITED WARRANTY IN ANY MANNER WHATSOEVER, OR TO EXTEND THIS LIMITED WARRANTY.
- (g) NO WARRANTY OF ANY KIND IS MADE WITH REGARD TO ANY PRODUCT, COMPONENTS, DEVICES, MEDIA OR TREATMENT UNITS WHICH ARE MANUFACTURED BY OTHERS AND ARE INSTALLED IN AN INFILTRATOR TANK. USE OF THESE PRODUCTS ARE AT YOUR OWN RISK.
- (h) THE INFILTRATOR TANK IS DESIGNED TO BE BURIED UNDERGROUND. NO WARRANTY OF ANY KIND IS MADE IF YOUR TANK IS NOT BURIED UNDERGROUND AS SPECIFIED IN THE PRODUCT'S INSTALLATION INSTRUCTIONS.

#### CONDITIONS AND EXCLUSIONS

There are certain conditions or applications over which Infiltrator has no control. Defects or problems as a result of such conditions or applications are not the responsibility of Infiltrator and are NOT covered under this warranty. They include failure to install the Tank in accordance with instructions or applicable regulatory requirements or guidance, altering the Tank contrary to the installation instructions and disposing of chemicals or other materials contrary to normal tank usage.

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of regulatory jurisdictions have different warranty requirements. Any purchaser of a Tank should contact Infiltrator's corporate headquarters in Old Saybrook, Connecticut, prior to such purchase to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of a Tank.



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