Quick4 Chambers in Connecticut

The purpose of this product information sheet is to provide specific design and installation information pertinent for the use of Infiltrator Quick4 chambers in Connecticut. For more detailed design information, please contact Infiltrator Water Technologies at 1-800-221-4436.

Quick4 Standard Chamber Nominal Specifications	
Size	34”W x 53”L x 12”H (864 mm x 1346 mm x 305 mm)
Effective Length	48” (1219 mm)
Quick4 Standard MultiPort Endcap Nominal Specifications	
Size	34”W x 16”L x 12”H (864 mm x 406 mm x 305 mm)
Invert Height	8” (203 mm)
Installed Length/Pair	26.4” (670 mm)

Quick4 Standard Chamber



Quick4 Standard MultiPort Endcap

TABLE 1: ELA CREDITS

Product	Stone	Filter Fabric		Gallery Configuration
		Select Fill	Native Material	
Quick4 Standard	3.6 sf/lf	3.3 sf/lf	3.0 sf/lf	12” = 5.9 sf/lf 18” = 6.2 sf/lf
Quick4 High Capacity	4.1 sf/lf	3.7 sf/lf	3.3 sf/lf	18” = 6.2 sf/lf

Quick4 High Capacity Chamber Nominal Specifications	
Size	34”W x 53”L x 16”H (864 mm x 1346 mm x 406 mm)
Effective Length	48” (1219 mm)
Quick4 High Capacity MultiPort Endcap Nominal Specifications	
Size	34”W x 19”L x 16”H (864 mm x 483 mm x 406 mm)
Invert Height	11.5” (292 mm)
Installed Length/Pair	28.8” (732 mm)

Quick4 High Capacity Chamber



Quick4 High Capacity MultiPort Endcap

Please contact Infiltrator Water Technologies for complete details on the Connecticut Standard Limited 5-Year Warranty.

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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 Other patents pending. Infiltrator, Equalizer, Quick4, and SideWinder are registered trademarks of Infiltrator Water Technologies. Infiltrator is a registered trademark in France. Infiltrator Water Technologies is a registered trademark in Mexico. Contour, MicroLeaching, PolyTuff, ChamberSpacer, MultiPort, PosiLock, QuickCut, QuickPlay, SnapLock and StraightLock are trademarks of Infiltrator Water Technologies.
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Contact Infiltrator Water Technologies’ Technical Services Department for assistance at 1-800-221-4436

Quick4 Chamber System Sizing

TABLE 2: QUICK4 STANDARD CHAMBER SIZING FOR RESIDENTIAL TRENCH SYSTEMS

Quick4 Standard Chamber Sizing																										
Percolation Rate (Min. to Drop One Inch)	Minimum Number of Chambers Required*																									
	2 Bedroom Application					3 Bedroom Application					4 Bedroom Application					Each Additional Single Family Bedroom					Additional Multi-Family Bedroom				
	Stone Backfill	Filter Fabric		Gallery (12")	Gallery (18")	Stone Backfill	Filter Fabric		Gallery (12")	Gallery (18")	Stone Backfill	Filter Fabric		Gallery (12")	Gallery (18")	Stone Backfill	Filter Fabric		Gallery (12")	Gallery (18")	Stone Backfill	Filter Fabric		Gallery (12")	Gallery (18")
		Select Fill	Native				Select Fill	Native				Select Fill	Native				Select Fill	Native				Select Fill	Native		
Less Than 10.1	27	29	32	32	32	35	38	42	42	40	46	50	55	56	54	6	7	7	8	8	12	13	14	14	14
10.1-20.0	35	38	42	44	42	47	52	57	58	56	63	69	75	78	74	16	18	19	20	20	16	18	19	20	20
20.1-30.0	40	43	48	48	46	53	57	63	64	62	70	76	84	86	82	18	19	21	22	22	18	19	21	22	22
30.1-45.0	47	52	57	58	56	63	69	75	78	74	84	91	100	102	98	21	23	25	26	26	21	23	25	26	26
45.1-60.0	52	57	63	64	62	69	75	83	84	80	92	100	110	112	108	23	25	28	28	28	23	25	28	28	28
Less Than 5.0**	21	23	25	26	26	27	29	32	32	32	35	38	42	44	42	9	10	11	12	12	9	10	11	12	12
Greater Than 60.0	Unsuitable for Leaching Systems																									

TABLE 3: QUICK4 HIGH CAPACITY CHAMBER SIZING FOR RESIDENTIAL TRENCH SYSTEMS

Quick4 High Capacity Standard Chamber Sizing																				
Percolation Rate (Min. to Drop One Inch)	Minimum Number of Chambers Required*																			
	2 Bedroom Application				3 Bedroom Application				4 Bedroom Application				Each Additional Single Family Bedroom				Additional Multi-Family Bedroom			
	Stone Backfill	Filter Fabric		Gallery (18")	Stone Backfill	Filter Fabric		Gallery (18")	Stone Backfill	Filter Fabric		Gallery (18")	Stone Backfill	Filter Fabric		Gallery (18")	Stone Backfill	Filter Fabric		Gallery (18")
		Select Fill	Native			Select Fill	Native			Select Fill	Native			Select Fill	Native			Select Fill	Native	
Less Than 10.1	23	26	29	16	31	34	38	20	41	45	50	27	6	6	7	4	11	12	13	7
10.1-20.0	31	34	38	21	42	46	52	28	55	61	69	37	7	8	9	5	14	16	18	10
20.1-30.0	35	39	43	23	46	51	57	31	61	68	76	41	8	9	10	6	16	17	19	11
30.1-45.0	42	46	52	28	55	61	69	37	74	82	91	49	10	11	12	7	19	21	23	13
45.1-60.0	46	51	57	31	61	67	75	40	81	90	100	54	11	12	13	7	21	23	25	14
Less Than 5.0**	19	21	23	13	23	26	29	16	31	34	38	21	7	7	8	5	8	9	10	6
Greater Than 60.0	Unsuitable for Leaching Systems																			

Notes:

1. Sizing based on residential capacity of leaching systems per Connecticut Public Health Code, Table 6 - Residential Building (Jan. 2011)
2. For crediting purposes the length of the Quick4 chamber row including the MultiPort end caps shall be utilized. Two end caps are required for each row of chambers. The appropriate sizing factor may be applied to account for the MultiPort End Caps. The minimum number of chambers shown above may be reduced by accounting for the area/length provided by the MultiPort Endcaps. See appropriate product detail for installed MultiPort Endcap lengths.
3. All Quick4 chambers are 4 feet long.

* Please note that the MLSS calculations must also be considered for system sizing.

** Lots in existence prior to January 1, 1994 may use the “less than 5 min/inch” rate if site conditions prohibit installations sized per above “less than 10.1 min/inch” rates.