

Quick4 High Capacity Chambers in Massachusetts

The purpose of this product information sheet is to provide specific design and installation information pertinent for the use of Infiltrator Quick4 High Capacity chambers in Massachusetts. Infiltrator products must be used in conjunction with the standards described in the Massachusetts Dep Title 5, 3/0 CMS 15.000 and Infiltrator's approval (www.mass.gov.dep). This document provides a brief description of the chamber and sizing specifications. For more detailed design information, please contact Infiltrator Systems at 1-800-221-4436.

The patent-pending Quick4 High Capacity Chamber can be installed in a 36-inch wide trench. The chamber offers advanced contouring capability with its Contour Swivel Connection™. The patent-pending MultiPort™ End Cap with its eight molded-in high and low inlets allows for maximum piping flexibility.

Quick4 High Capacity Chamber Nominal Specifications

Size (W x L x H)	34" x 53" x 16"
Effective Length	48"
Invert Height	11.5"

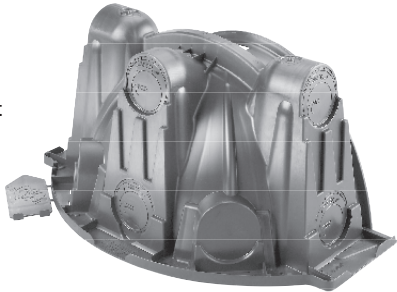
MultiPort End Cap Nominal Specifications

Size (W x L x H)	34" x 19" x 16"
Invert Height	11"

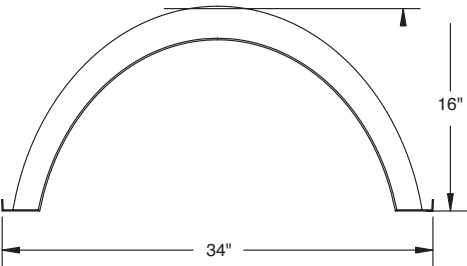
Quick4 High Capacity Chamber



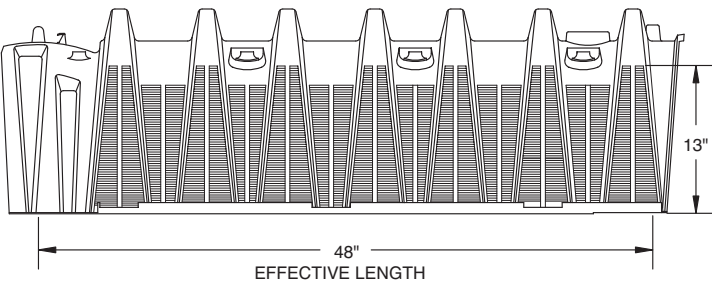
MultiPort End Cap



Quick4 High Capacity Chamber

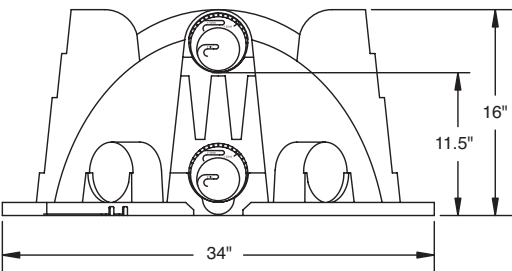


SECTION VIEW

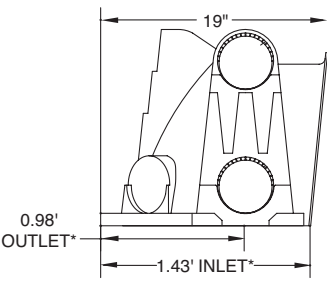


SIDE VIEW

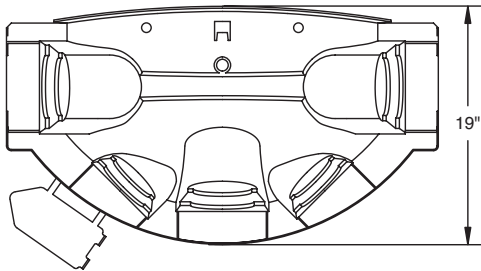
MultiPort End Cap



FRONT VIEW



SIDE VIEW



TOP VIEW

SYSTEM SIZING

Soil Class	Percolation Rate (min/in)	Number of Chambers in Aggregate-Free Trench Systems (See note below for minimum requirements & MultiPort End Cap benefits)											
		330 GPD Design Flow 3 Bedrooms or Less				440 GPD Design Flow 4 Bedrooms				550 GPD Design Flow 5 Bedrooms			
		Quick4 EQ 24 1.5' Wide Trench 3.90 SF/LF	Quick4 EQ 36 2' Wide Trench 4.73 SF/LF	Quick4 Std 3' Wide Trench 6.96 SF/LF	Quick4 HC 3' Wide Trench 7.93 SF/LF	Quick4 EQ 24 1.5' Wide Trench 3.90 SF/LF	Quick4 EQ 36 2' Wide Trench 4.73 SF/LF	Quick4 Std 3' Wide Trench 6.96 SF/LF	Quick4 HC 3' Wide Trench 7.93 SF/LF	Quick4 EQ 24 1.5' Wide Trench 3.90 SF/LF	Quick4 EQ 36 2' Wide Trench 4.73 SF/LF	Quick4 Std 3' Wide Trench 6.96 SF/LF	Quick4 HC 3' Wide Trench 7.93 SF/LF
Class I Sandy, Loamy Sands	<=5	29	24	17	15	39	32	22	19	48	40	27	24
	6	31	25	17	15	41	34	23	20	51	42	29	25
	7	32	26	18	16	42	35	24	21	52	43	30	26
	8	32	27	18	16	43	36	24	22	54	45	30	27
Class II Sandy Loams, Loams	<=5	36	30	20	18	48	39	27	24	59	49	33	29
	6	36	30	20	18	48	39	27	24	59	49	33	29
	7	36	30	20	18	48	39	27	24	59	49	33	29
	8	36	30	20	18	48	39	27	24	59	49	33	29
	10	36	30	20	18	48	39	27	24	59	49	33	29
	15	38	32	22	19	51	42	29	25	63	52	36	31
	20	40	33	23	20	54	44	30	27	67	55	38	33
	25	53	44	30	27	71	59	40	35	89	73	50	44
	30	65	53	36	32	86	71	48	43	107	89	60	53
Class III Silty Loams	15	58	48	33	29	77	63	43	38	96	79	54	47
	20	63	52	35	31	83	69	47	41	104	86	59	51
	25	65	53	36	32	86	71	48	43	107	89	60	53
	30	73	61	41	36	98	81	55	48	122	101	69	60
	40	85	70	48	42	113	94	64	56	142	117	80	70
	50	106	88	60	53	142	117	80	70	177	146	99	87
	60	142	117	80	70	189	156	106	93	236	194	132	116
Class IV Clays, Silty Clay Loams	50	106	88	60	53	142	117	80	70	177	146	99	87
	60	142	117	80	70	189	156	106	93	236	194	132	116

Notes:

- For new construction, no system shall be designed and constructed with a soil absorption system area of less than 400 square feet.
- Combined, the Quick4 Chamber MultiPort inlet and outlet end caps add an increased sizing benefit to the system. Two end caps are required for each row of chambers. The appropriate sizing factor may be applied in a bed or trench 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 End Caps.
- All Quick4 chambers are 4 feet long.

Average additional length added by each MultiPort End Cap

Model	Average Length Added
Quick4 Equalizer 24 chamber	0.9 linear feet
Quick4 Equalizer 36 chamber	1.1 linear feet
Quick4 Standard chamber	1.1 linear feet
Quick4 High Capacity chamber	1.2 linear feet



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

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. PolyLok is a trademark of PolyLok, Inc. TUF-TITE is a registered trademark of TUF-TITE, INC. Ultra-Rib is a trademark of IPEX Inc.

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Contact Infiltrator Water Technologies' Technical Services Department for assistance at 1-800-221-4436