

Nevada Sizing Chart for Chamber Absorption Trench Systems - Minimum Number of Chambers Required

Percolation Rate (min/in)	Septic Tank Size																							
	1000 Gallon Tank 3 Bedrooms or Less								1250 Gallon Tank 4 Bedrooms								1500 Gallon Tank 5 or 6 Bedrooms							
	Quick4 Equalizer 24	Quick4 Equalizer 36	Quick4 Plus Equalizer 36 LP	Quick5 Equalizer 36	Quick4 Plus Standard LP	Quick4 Plus Standard / Quick4 Standard	Quick4 High Capacity	Quick5 Standard	Quick4 Equalizer 24	Quick4 Equalizer 36	Quick4 Plus Equalizer 36 LP	Quick5 Equalizer 36	Quick4 Plus Standard LP	Quick4 Plus Standard / Quick4 Standard	Quick4 High Capacity	Quick5 Standard	Quick4 Equalizer 24	Quick4 Equalizer 36	Quick4 Plus Equalizer 36 LP	Quick5 Equalizer 36	Quick4 Plus Standard LP	Quick4 Plus Standard / Quick4 Standard	Quick4 High Capacity	Quick5 Standard
	1.5' Wide Trench	2' Wide Trench			3' Wide Trench				1.5' Wide Trench	2' Wide Trench			3' Wide Trench				1.5' Wide Trench	2' Wide Trench			3' Wide Trench			
	3.43[1]	5.29[1]	3.27[1]	5.29[1]	5.24[1]	6.19[1]	7.14[1]	6.19[1]	3.43[1]	5.29[1]	3.27[1]	5.29[1]	5.24[1]	6.19[1]	7.14[1]	6.19[1]	3.43[1]	5.29[1]	3.27[1]	5.29[1]	5.24[1]	6.19[1]	7.14[1]	6.19[1]
	16" W x 11" H	22" W x 12" H	22" W x 8" H	22" W x 12" H	34" W x 8" H	34" W x 12"H	34" W x 16" H	34" W x 12"H	16" W x 11" H	22" W x 12" H	22" W x 8" H	22" W x 12" H	34" W x 8" H	34" W x 12"H	34" W x 16" H	34" W x 12"H	16" W x 11" H	22" W x 12" H	22" W x 8" H	22" W x 12" H	34" W x 8" H	34" W x 12"H	34" W x 16" H	34" W x 12"H
10 or less	46	30	48	24	30	26	22	21	57	37	60	30	38	32	28	26	69	45	72	36	45	38	33	31
11-15	57	37	59	30	37	32	27	25	71	46	74	37	46	39	34	32	85	55	89	44	56	47	41	38
16-20	67	43	70	35	44	37	32	30	83	54	87	43	55	46	40	37	100	65	105	52	66	56	48	45
21-25	73	48	77	38	48	41	36	33	92	60	96	48	60	51	44	41	110	71	115	57	72	61	53	49
26-30	81	53	85	43	54	45	39	36	102	66	107	53	67	57	49	45	122	79	128	64	80	68	59	54
31-40	92	60	96	48	60	51	44	41	114	74	120	60	75	64	55	51	137	89	144	71	90	76	66	61
41-50	105	68	110	55	69	58	51	47	131	85	137	68	86	73	63	58	157	102	164	82	103	87	76	70
51-60	122	79	128	64	80	68	59	54	152	99	160	79	100	85	73	68	183	119	192	95	120	101	88	81

Notes:

1. Approved product rating. (sf/lf)
2. Minimum number of chambers required per dwelling is 21 chambers. Please refer to sizing chart.
3. The engaged length of all Quick4 chambers is 4.0 feet. The engaged length of all Quick5 chambers is 5.0 feet.
4. Low profile chambers are designated with the "LP" in the product name, and are 8 inches high.
5. Per 444.835: A soil absorption system intended for use on soils with percolation rates greater than 60 minutes per inch, or intended for commercial use, must be designed by an engineer.
6. Per 444.835: Maximum Trench Length is 110 ft.
7. Per 444.835: Trench Spacing: Excavations for absorption trenches must be spaced apart at a distance that is equal to or greater than 4 feet plus 2 feet for each foot of depth which the trench is below the bottom of the distribution piping, as measured from the centerline of the trenches. For ISI chambers, the center to center spacing shall then be 6 ft.
8. Per 444.835: System sizing based on (size of septic tank)/(design application rate).
9. Per NAC 444.8365: Bed sizing is permitted. Sizing for chambers is bottom area only with UPC sizing.
10. Clark and Washoe County: For sizing information contact Infiltrator Systems.
11. Visit www.infiltratorsystems.com for trench and tank details.

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