

STATE OF NEVADA

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DIVISION OF PUBLIC AND BEHAVIORAL HEALTH  
REGULATORY AND PLANNING SERVICES - EHS

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June 29, 2017

Dick Bachelder  
Infiltrator Water Technologies, LLC  
40 Business Park Road  
P.O. Box 768  
Old Saybrook, CT 06475

**Re: INFILTRATOR WATER TECHNOLOGIES – ARC 36LP, ARC 36, & ARC 36HC**

Dear Mr. Bachelder,

The above referenced chamber systems have been reviewed. ARC 36LP, ARC 36, & ARC 36HC have been approved for use in the state of Nevada with the following conditions:

1. The attached sizing chart must be used to calculate the number of required units for a given septic tank size in gallons and percolation rate in minutes per inch.
2. The supplier must provide a sizing chart wherever the chamber is available to the consumer.
3. The sizing chart may be provided in any format, but changes to the number of units required for a given septic tank size and percolation rate must be approved by the Division of Public and Behavioral health – Environmental Health section.

Please contact the Southern Nevada Health District, Washoe County Health District, and Carson City Health and Human services for additional requirements that their agencies may have to use the above referenced chamber systems within their jurisdiction(s).

If you have any question or concerns, please feel free to contact me at (775)-687-7539.

Sincerely,

A handwritten signature in blue ink, appearing to read "Barrett Evans", written over a horizontal line.

Barrett Evans, REHS  
Program Manager  
Nevada Division of Public and Behavioral Health  
Environmental Health Section

cc: Bob Stulac, Supervisor, Environmental Health  
Lindsey Doolittle, REHS, Environmental Health (ISDS Program Lead)



**INFILTRATOR®**  
water technologies

**Nevada Sizing Chart for Arc Chamber Disposal Field Systems**

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		
	Arc 36LP	Arc 36	Arc 36HC	Arc 36LP	Arc 36	Arc 36HC	Arc 36LP	Arc 36	Arc 36HC
	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench	3' Wide Trench
	5.19	5.98	6.59	5.19	5.98	6.59	5.19	5.98	6.59
	34" W x 8" H	34" W x 13" H	34" W x 16" H	34" W x 8" H	34" W x 13" H	34" W x 16" H	34" W x 8" H	34" W x 13" H	34" W x 16" H
10 or less	25	21	19	31	27	24	37	32	29
11-15	30	26	26	38	33	30	45	39	36
16-20	36	31	31	44	39	35	53	46	42
21-25	39	34	34	49	42	38	58	51	46
26-30	43	38	38	54	47	43	65	56	51
31-40	49	42	42	61	53	48	73	63	57
41-50	56	48	48	69	60	55	83	72	66
51-60	65	56	56	81	70	64	121	84	76

**Notes:**

1. The minimum number of Arc 36LP chambers required is 25 chambers, the minimum number of Arc 36 chambers required is 21 chambers, and the minimum number of Arc 36HC chambers required is 19 chambers. Please refer to sizing chart.
2. The engaged length of all Arc chambers is 5.0 feet.
3. Low profile chambers are designated with the "LP" in the product name, and are 8 inches high.

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REC'D JUN 28 2017  
AME