

1500 Gallon Holding (&2) Compartment

***** Enter Dimensions in Inches *****

Tank Length = A = 144.00	(Calc. Based on 1/3 / 2/3)		Round off to:
Tank Width = B = 67.00	Lgth of 1st Cmp = 91.33	→	91
Tank Height = C = 62.00	Lgth of 2nd Cmp = 45.67	→	46
Wall Thickness = D = 2.50	*** Except or Override Compartment Dimensions ***		
Lid Thickness = E = 4.00	Lgth of 1st Cmp. = 91		
Floor Thickness = F = 4.00	Lgth of 2nd Cmp. = 46		
Wall Taper = G = 2.50	Total <u>137</u>	→	137
Liquid Level = H = 45.00	<i>(Total must equal this dimension)</i>		
Distance In/Out = I = 0.00			

***** Air Space *****

Air Space = J = 9.00
% of Air Space = K = 20%

***** Lengths & Widths *****

Inside Lgth @ Top = L = 139.00
Inside Width @ Top = M = 62.00
Inside Lgth @ Btm = N = 134.00
Inside Width @ Btm = O = 57.00
Inside Lgth of 1st Cmp = P = 91.00
Inside Lgth of 2nd Cmp = Q = 46.00
Lgth @ Btm of 1st Cmp = R = 87.00
Lgth @ Btm of 2nd Cmp = S = 42.00
Width @ Bottom of Tank = T = 62.00
Lgth @ Bottom of Tank = U = 139.00

***** Heights *****

Inside Height = V = 54.00
Inlet Height = W = 49.00
Outlet Height = X = 49.00
Space above Inlet = Y = 5.50

***** Tank Capacities *****

Total Gal.- Single Cmp = 1565
Gallons of 1st Comp. = 1020
Gallons of 2nd Comp. = 503
Gal. of 1st + 2nd Comp. = 1523
Total Gallons (Full to Lid) = 1899

***** Gallons Per Inch *****

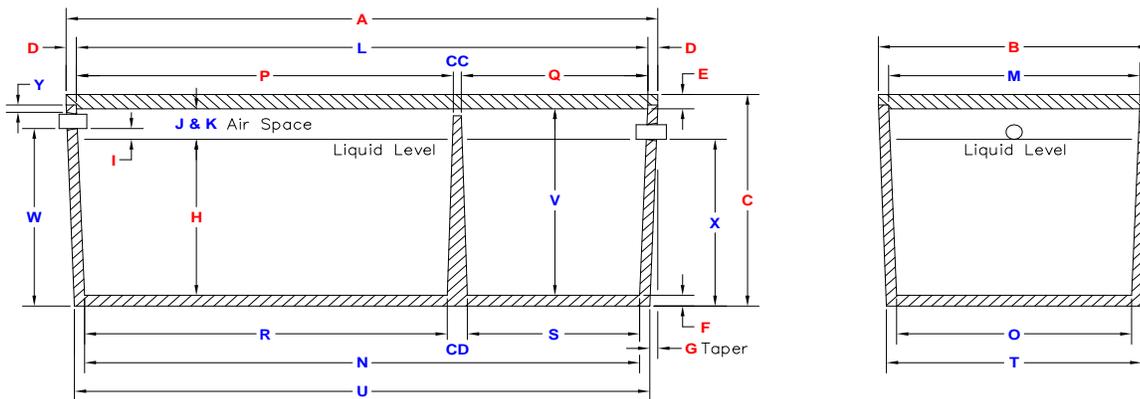
Gal/In (Single) = 34.8
Gal/In (1st cmp) = 22.7
Gal/In (2nd cmp) = 11.2

***** Tank Weights *****

	2 Cmp	Single Cmp
Weight of Tank = 8864.9	7968.1	
Weight of Lid = 3260.6	3260.6	
Total Weight of Tank = 12125.5	11228.7	

***** Volume of Concrete *****

	2 Cmp	Single Cmp
Tank - Cubic Yards = 2.19	1.97	
Lid - Cubic Yards = 0.83	0.83	
Total Cubic Yards = 3.02	2.79	



The Company/Persons named above shall be given written permission upon purchase of the Concrete Form to duplicate and promote sales literature on this septic tank by:

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