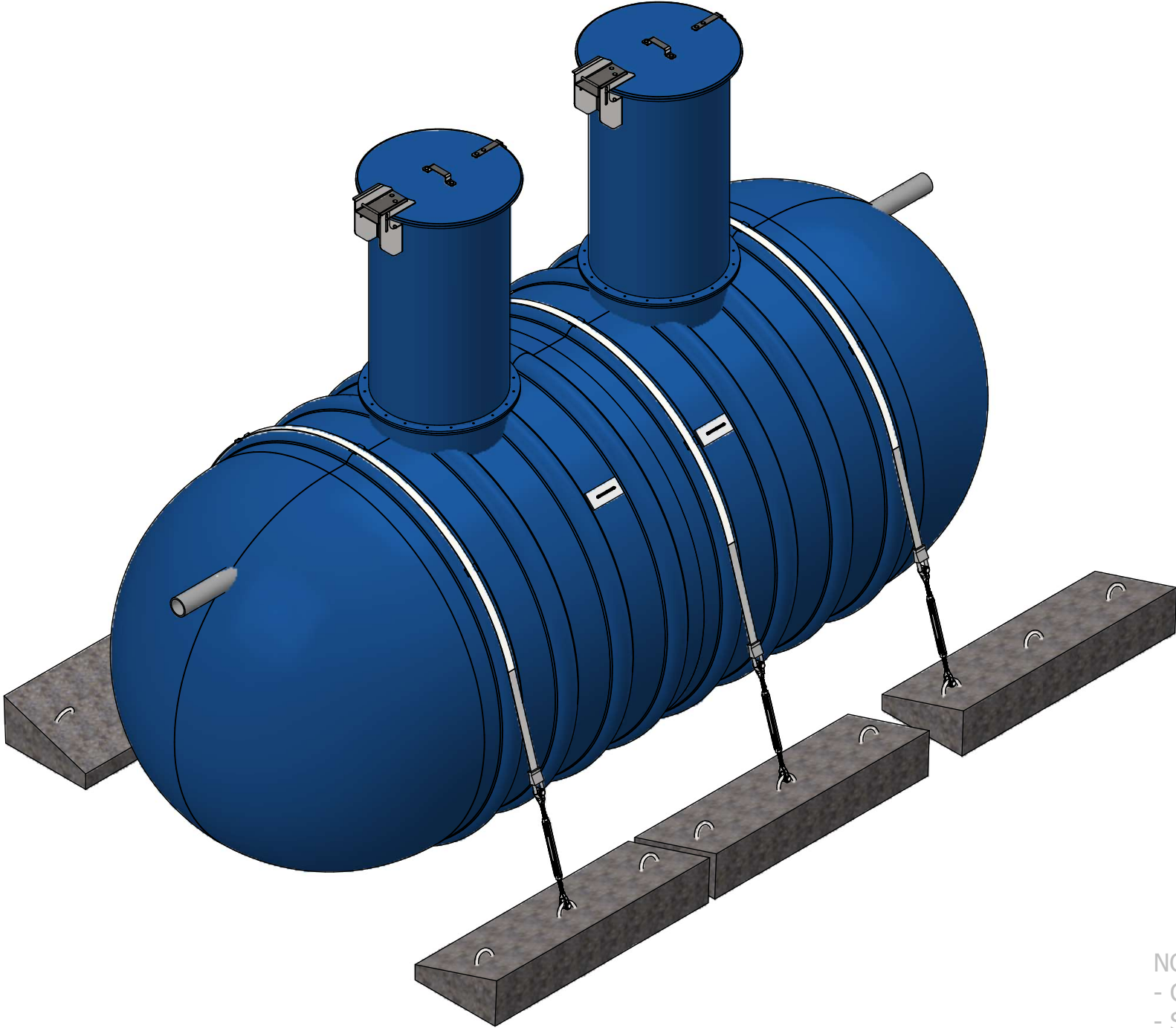


NN08080187FS

FIBERGLASS TANK
 TOTAL CAPACITY : 5599 US gal
 NOMINAL CAPACITY (EFFECTIVE) : 5039 US gal

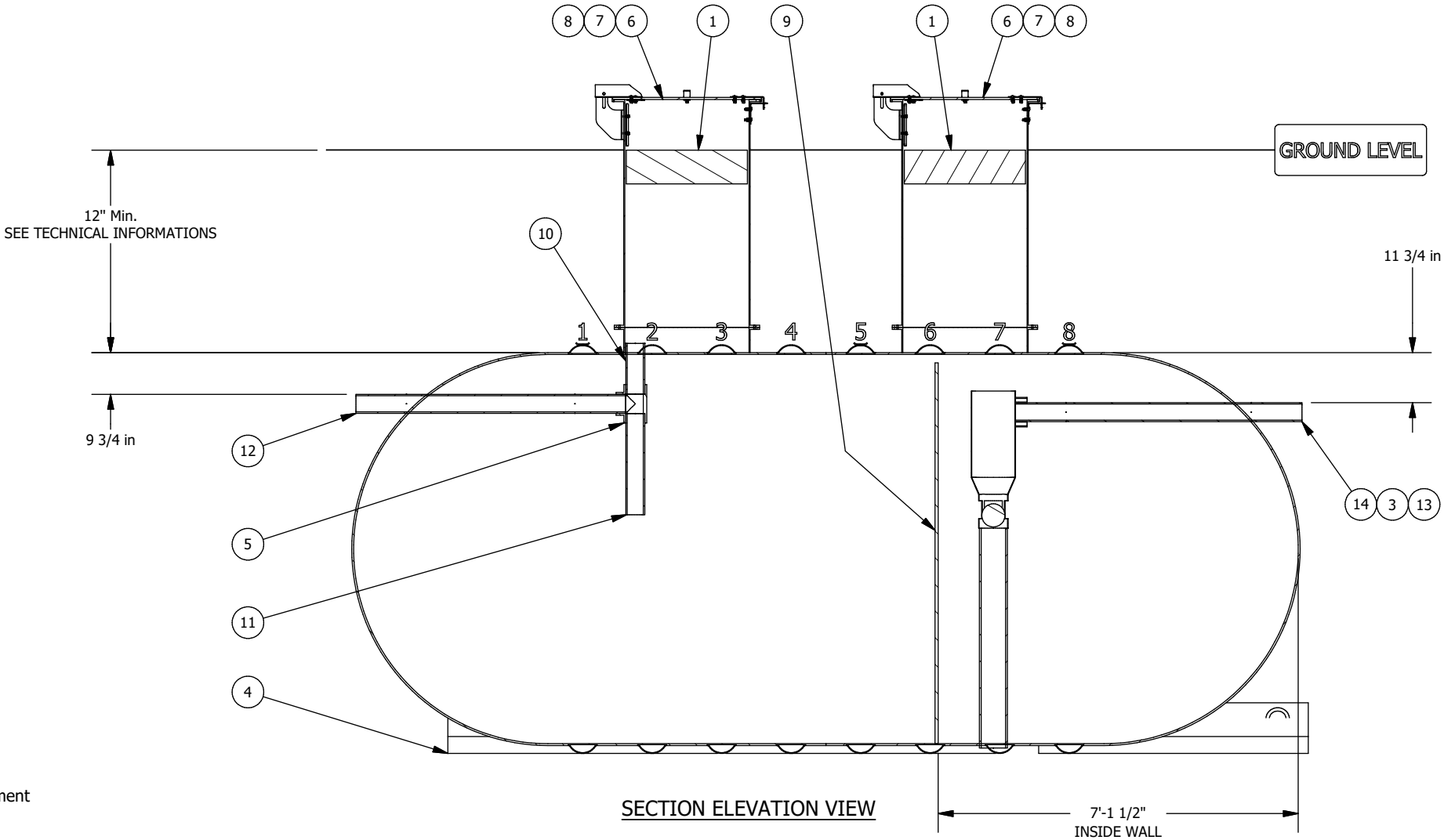
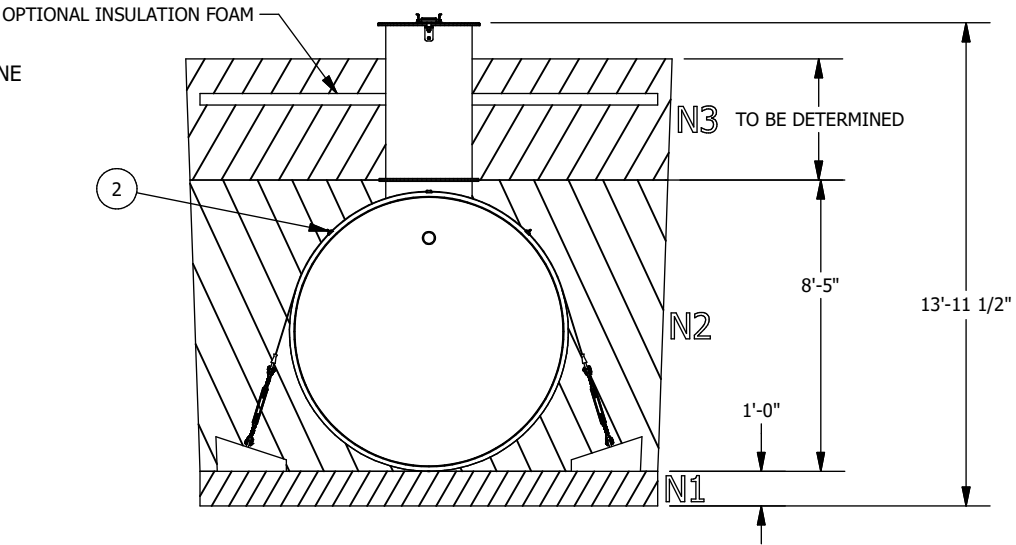


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)		 GRANBY COMPOSITES	Revision description			
FEET DIM. -> ± 1% 0.0 -> ± 0.5"						
0.00 -> ± 0.25" 0.000 -> ± 0.125"						
TOLERANCES (ANGULAR)		Drawn by O. Marin	19/01/2024	Format	Part no.	REV
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.				B	NN08080187FS	02.
Weight : 2825 Lb		Approved by :	Title			
			8' Dia. TANK - 5599 US gal			
Client	# Project	Sheet	1 / 4			

Item	Part Number	Qty	Description	Check List
1	ADF0000001	2	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	4	LIFTING LUG	
3	AEDPL52500	1	Polylok PL-525 PREFILTER	
4	ENSCOUR8	3	ANCHORING KIT	
5	FPT0400801	1	4" SCH.80 - UNTHREADED T GREY	
6	GMHE30-COVER01	2	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
7	MH-30 (6"L.)	2	30" DIA. x 6" L. - MANHOLE	
8	MHE-30 (54"L.)	2	30" DIA. x 54" L. - MANHOLE EXTENSION	
9	MUR08	1	08' DIA. - WALL	
10	TP80400G01 (12"L.)	1	4" SCH.80 - GREY PVC PIPE	
11	TP80400G01 (24"L.)	1	4" SCH.80 - GREY PVC PIPE	
12	TP80400G01 (64"L.)	1	4" SCH.80 - GREY PVC PIPE	
13	TP80600G01 (52.125"L.)	1	6" SCH.80 - GREY PVC PIPE	
14	TP80400G01 (68"L.)	1	4" SCH.80 - GREY PVC PIPE	

BACKFILL PROPERTIES
N1 - 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N2 - PRIMARY BACKFILL, 1/8" TO 3/4" PEA GRAVEL OR 1/2" CRUSHED STONE
N3 - SECONDARY BACKFILL, COARSE SAND OR GRAVEL 1 1/2" OR LESS



Optional anchoring depending on the tank's environment

Technical informations

- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 92.25"
- (If required) Quantity of fiberglass anchoring straps : 3
- (If required) Quantity of reinforced concrete deadman anchors : 6
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must not be less than 60° from the horizontal.
- The weight on the drawing does not include kits of belts and concrete blocks.
- HS-20 rated for burial depth from 36 to 84 inches
- Manufactured according to ANSI-AWWA D120 requirements
- Airtightness test performed at the factory at 35 kPa

The tank must be installed in accordance with the manufacturer's instructions.
Optional effluent filter PL-525.

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"		 GRANBY COMPOSITES	Revision description		
			Format B	Part no. NN08080187FS	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	19/01/2024		Title 8' Dia. TANK - 5599 US gal
Weight : 2825 Lb		Approved by :			
Client	# Project	Sheet	2 / 4		

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.00 -> ± 0.25" 0.0 -> ± 0.5" 0.000 -> ± 0.125"		 GRANBY COMPOSITES		Revision description	
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin		Format B	Part no. NN08080187FS
Weight : 2825 Lb		Approved by :		REV 02 .	
Client		# Projct		Title 8' Dia. TANK - 5599 US gal	
		Sheet 3 / 4			



-

Fiberglass Strap Guide

Directly installed on the tank



CAPACITY CHART FOR NN08080187 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
-		6	128	12	375	18	702	24	1089	30	1520	36	1982	42	2464	48	2953	54	3439	60	3919
1/8	1	6 1/8	132	12 1/8	381	18 1/8	710	24 1/8	1097	30 1/8	1529	36 1/8	1992	42 1/8	2474	48 1/8	2963	54 1/8	3449	60 1/8	3919
1/4	1	6 1/4	136	12 1/4	387	18 1/4	717	24 1/4	1106	30 1/4	1539	36 1/4	2002	42 1/4	2484	48 1/4	2973	54 1/4	3459	60 1/4	3929
3/8	2	6 3/8	140	12 3/8	393	18 3/8	725	24 3/8	1115	30 3/8	1548	36 3/8	2012	42 3/8	2494	48 3/8	2983	54 3/8	3469	60 3/8	3938
1/2	3	6 1/2	144	12 1/2	400	18 1/2	732	24 1/2	1123	30 1/2	1557	36 1/2	2022	42 1/2	2504	48 1/2	2994	54 1/2	3479	60 1/2	3948
5/8	4	6 5/8	149	12 5/8	406	18 5/8	740	24 5/8	1132	30 5/8	1567	36 5/8	2032	42 5/8	2514	48 5/8	3004	54 5/8	3489	60 5/8	3957
3/4	6	6 3/4	153	12 3/4	412	18 3/4	748	24 3/4	1141	30 3/4	1576	36 3/4	2042	42 3/4	2525	48 3/4	3014	54 3/4	3499	60 3/4	3967
7/8	7	6 7/8	158	12 7/8	418	18 7/8	755	24 7/8	1149	30 7/8	1586	36 7/8	2052	42 7/8	2535	48 7/8	3024	54 7/8	3508	60 7/8	3976
1	8	7	162	13	425	19	763	25	1158	31	1595	37	2061	43	2545	49	3034	55	3518	61	3986
1 1/8	10	7 1/8	167	13 1/8	431	19 1/8	771	25 1/8	1167	31 1/8	1605	37 1/8	2071	43 1/8	2555	49 1/8	3045	55 1/8	3528	61 1/8	3995
1 1/4	12	7 1/4	171	13 1/4	437	19 1/4	778	25 1/4	1176	31 1/4	1614	37 1/4	2081	43 1/4	2565	49 1/4	3055	55 1/4	3538	61 1/4	4005
1 3/8	13	7 3/8	176	13 3/8	444	19 3/8	786	25 3/8	1184	31 3/8	1624	37 3/8	2091	43 3/8	2576	49 3/8	3065	55 3/8	3548	61 3/8	4014
1 1/2	15	7 1/2	180	13 1/2	450	19 1/2	794	25 1/2	1193	31 1/2	1633	37 1/2	2101	43 1/2	2586	49 1/2	3075	55 1/2	3558	61 1/2	4023
1 5/8	17	7 5/8	185	13 5/8	457	19 5/8	802	25 5/8	1202	31 5/8	1643	37 5/8	2111	43 5/8	2596	49 5/8	3085	55 5/8	3568	61 5/8	4033
1 3/4	19	7 3/4	190	13 3/4	463	19 3/4	810	25 3/4	1211	31 3/4	1652	37 3/4	2121	43 3/4	2606	49 3/4	3095	55 3/4	3578	61 3/4	4042
1 7/8	21	7 7/8	195	13 7/8	470	19 7/8	817	25 7/8	1219	31 7/8	1662	37 7/8	2131	43 7/8	2616	49 7/8	3106	55 7/8	3588	61 7/8	4052
2	24	8	200	14	476	20	825	26	1228	32	1671	38	2141	44	2626	50	3116	56	3598	62	4061
2 1/8	26	8 1/8	204	14 1/8	483	20 1/8	833	26 1/8	1237	32 1/8	1681	38 1/8	2151	44 1/8	2637	50 1/8	3126	56 1/8	3608	62 1/8	4070
2 1/4	28	8 1/4	209	14 1/4	490	20 1/4	841	26 1/4	1246	32 1/4	1690	38 1/4	2161	44 1/4	2647	50 1/4	3136	56 1/4	3618	62 1/4	4080
2 3/8	31	8 3/8	214	14 3/8	496	20 3/8	849	26 3/8	1255	32 3/8	1700	38 3/8	2171	44 3/8	2657	50 3/8	3146	56 3/8	3627	62 3/8	4089
2 1/2	33	8 1/2	219	14 1/2	503	20 1/2	857	26 1/2	1264	32 1/2	1709	38 1/2	2181	44 1/2	2667	50 1/2	3156	56 1/2	3637	62 1/2	4098
2 5/8	36	8 5/8	224	14 5/8	510	20 5/8	865	26 5/8	1273	32 5/8	1719	38 5/8	2191	44 5/8	2677	50 5/8	3167	56 5/8	3647	62 5/8	4108
2 3/4	38	8 3/4	229	14 3/4	516	20 3/4	873	26 3/4	1282	32 3/4	1729	38 3/4	2201	44 3/4	2688	50 3/4	3177	56 3/4	3657	62 3/4	4117
2 7/8	41	8 7/8	235	14 7/8	523	20 7/8	881	26 7/8	1291	32 7/8	1738	38 7/8	2211	44 7/8	2698	50 7/8	3187	56 7/8	3667	62 7/8	4126
3	44	9	240	15	530	21	889	27	1300	33	1748	39	2221	45	2708	51	3197	57	3677	63	4136
3 1/8	47	9 1/8	245	15 1/8	537	21 1/8	897	27 1/8	1309	33 1/8	1758	39 1/8	2231	45 1/8	2718	51 1/8	3207	57 1/8	3686	63 1/8	4145
3 1/4	49	9 1/4	250	15 1/4	544	21 1/4	905	27 1/4	1318	33 1/4	1767	39 1/4	2241	45 1/4	2728	51 1/4	3217	57 1/4	3696	63 1/4	4154
3 3/8	52	9 3/8	255	15 3/8	551	21 3/8	913	27 3/8	1327	33 3/8	1777	39 3/8	2251	45 3/8	2739	51 3/8	3227	57 3/8	3706	63 3/8	4163
3 1/2	55	9 1/2	261	15 1/2	558	21 1/2	922	27 1/2	1336	33 1/2	1787	39 1/2	2261	45 1/2	2749	51 1/2	3237	57 1/2	3716	63 1/2	4173
3 5/8	58	9 5/8	266	15 5/8	565	21 5/8	930	27 5/8	1345	33 5/8	1796	39 5/8	2272	45 5/8	2759	51 5/8	3248	57 5/8	3726	63 5/8	4182
3 3/4	62	9 3/4	272	15 3/4	572	21 3/4	938	27 3/4	1354	33 3/4	1806	39 3/4	2282	45 3/4	2769	51 3/4	3258	57 3/4	3735	63 3/4	4191
3 7/8	65	9 7/8	277	15 7/8	579	21 7/8	946	27 7/8	1363	33 7/8	1816	39 7/8	2292	45 7/8	2779	51 7/8	3268	57 7/8	3745	63 7/8	4200
4	68	10	282	16	586	22	954	28	1372	34	1825	40	2302	46	2790	52	3278	58	3755	64	4209
4 1/8	71	10 1/8	288	16 1/8	593	22 1/8	963	28 1/8	1381	34 1/8	1835	40 1/8	2312	46 1/8	2800	52 1/8	3288	58 1/8	3765	64 1/8	4218
4 1/4	75	10 1/4	293	16 1/4	600	22 1/4	971	28 1/4	1390	34 1/4	1845	40 1/4	2322	46 1/4	2810	52 1/4	3298	58 1/4	3774	64 1/4	4228
4 3/8	78	10 3/8	299	16 3/8	607	22 3/8	979	28 3/8	1400	34 3/8	1855	40 3/8	2332	46 3/8	2820	52 3/8	3308	58 3/8	3784	64 3/8	4237
4 1/2	82	10 1/2	305	16 1/2	614	22 1/2	988	28 1/2	1409	34 1/2	1864	40 1/2	2342	46 1/2	2830	52 1/2	3318	58 1/2	3794	64 1/2	4246
4 5/8	85	10 5/8	310	16 5/8	621	22 5/8	996	28 5/8	1418	34 5/8	1874	40 5/8	2352	46 5/8	2841	52 5/8	3328	58 5/8	3803	64 5/8	4255
4 3/4	89	10 3/4	316	16 3/4	629	22 3/4	1004	28 3/4	1427	34 3/4	1884	40 3/4	2362	46 3/4	2851	52 3/4	3338	58 3/4	3813	64 3/4	4264
4 7/8	92	10 7/8	322	16 7/8	636	22 7/8	1013	28 7/8	1436	34 7/8	1894	40 7/8	2372	46 7/8	2861	52 7/8	3348	58 7/8	3823	64 7/8	4273
5	96	11	328	17	643	23	1021	29	1446	35	1904	41	2383	47	2871	53	3358	59	3833	65	4282
5 1/8	100	11 1/8	333	17 1/8	650	23 1/8	1029	29 1/8	1455	35 1/8	1913	41 1/8	2393	47 1/8	2882	53 1/8	3368	59 1/8	3842	65 1/8	4291
5 1/4	104	11 1/4	339	17 1/4	658	23 1/4	1038	29 1/4	1464	35 1/4	1923	41 1/4	2403	47 1/4	2892	53 1/4	3378	59 1/4	3852	65 1/4	4300
5 3/8	107	11 3/8	345	17 3/8	665	23 3/8	1046	29 3/8	1473	35 3/8	1933	41 3/8	2413	47 3/8	2902	53 3/8	3389	59 3/8	3861	65 3/8	4309
5 1/2	111	11 1/2	351	17 1/2	672	23 1/2	1055	29 1/2	1483	35 1/2	1943	41 1/2	2423	47 1/2	2912	53 1/2	3399	59 1/2	3871	65 1/2	4318
5 5/8	115	11 5/8	357	17 5/8	680	23 5/8	1063	29 5/8	1492	35 5/8	1953	41 5/8	2433	47 5/8	2922	53 5/8	3409	59 5/8	3881	65 5/8	4327
5 3/4	119	11 3/4	363	17 3/4	687	23 3/4	1072	29 3/4	1501	35 3/4	1962	41 3/4	2443	47 3/4	2933	53 3/4	3419	59 3/4	3890	65 3/4	4336
5 7/8	123	11 7/8	369	17 7/8	695	23 7/8	1080	29 7/8	1511	35 7/8	1972	41 7/8	2454	47 7/8	2943	53 7/8	3429	59 7/8	3900	65 7/8	4345

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN08080187 TANK

Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)	Height (in)	Gallons (U.S.)
66	4354	69	4562	72	4759	75	4942	78	5110	81	5261	84	5390	87	5496	90	5572				
66 1/8	4363	69 1/8	4570	72 1/8	4767	75 1/8	4949	78 1/8	5117	81 1/8	5266	84 1/8	5395	87 1/8	5500	90 1/8	5574				
66 1/4	4371	69 1/4	4579	72 1/4	4774	75 1/4	4957	78 1/4	5123	81 1/4	5272	84 1/4	5400	87 1/4	5504	90 1/4	5576				
66 3/8	4380	69 3/8	4587	72 3/8	4782	75 3/8	4964	78 3/8	5130	81 3/8	5278	84 3/8	5405	87 3/8	5507	90 3/8	5578				
66 1/2	4389	69 1/2	4596	72 1/2	4790	75 1/2	4971	78 1/2	5136	81 1/2	5284	84 1/2	5410	87 1/2	5511	90 1/2	5581				
66 5/8	4398	69 5/8	4604	72 5/8	4798	75 5/8	4978	78 5/8	5143	81 5/8	5289	84 5/8	5415	87 5/8	5515	90 5/8	5583				
66 3/4	4407	69 3/4	4612	72 3/4	4806	75 3/4	4986	78 3/4	5149	81 3/4	5295	84 3/4	5419	87 3/4	5518	90 3/4	5584				
66 7/8	4415	69 7/8	4621	72 7/8	4814	75 7/8	4993	78 7/8	5156	81 7/8	5301	84 7/8	5424	87 7/8	5522	90 7/8	5586				
67	4424	70	4629	73	4821	76	5000	79	5162	82	5306	85	5429	88	5525	91	5588				
67 1/8	4433	70 1/8	4637	73 1/8	4829	76 1/8	5007	79 1/8	5169	82 1/8	5312	85 1/8	5433	88 1/8	5528	91 1/8	5590				
67 1/4	4442	70 1/4	4645	73 1/4	4837	76 1/4	5014	79 1/4	5175	82 1/4	5317	85 1/4	5438	88 1/4	5532	91 1/4	5591				
67 3/8	4450	70 3/8	4654	73 3/8	4844	76 3/8	5021	79 3/8	5181	82 3/8	5323	85 3/8	5442	88 3/8	5535	91 3/8	5593				
67 1/2	4459	70 1/2	4662	73 1/2	4852	76 1/2	5028	79 1/2	5188	82 1/2	5328	85 1/2	5447	88 1/2	5538	91 1/2	5594				
67 5/8	4468	70 5/8	4670	73 5/8	4860	76 5/8	5035	79 5/8	5194	82 5/8	5334	85 5/8	5451	88 5/8	5541	91 5/8	5595				
67 3/4	4476	70 3/4	4678	73 3/4	4867	76 3/4	5042	79 3/4	5200	82 3/4	5339	85 3/4	5455	88 3/4	5544	91 3/4	5597				
67 7/8	4485	70 7/8	4686	73 7/8	4875	76 7/8	5049	79 7/8	5206	82 7/8	5344	85 7/8	5460	88 7/8	5547	91 7/8	5597				
68	4494	71	4694	74	4883	77	5056	80	5213	83	5350	86	5464	89	5550	92	5598				
68 1/8	4502	71 1/8	4703	74 1/8	4890	77 1/8	5063	80 1/8	5219	83 1/8	5355	86 1/8	5468	89 1/8	5553	92 1/8	5599				
68 1/4	4511	71 1/4	4711	74 1/4	4898	77 1/4	5070	80 1/4	5225	83 1/4	5360	86 1/4	5472	89 1/4	5556	92 1/4	5599				
68 3/8	4519	71 3/8	4719	74 3/8	4905	77 3/8	5076	80 3/8	5231	83 3/8	5365	86 3/8	5476	89 3/8	5559	92 3/8	5599				
68 1/2	4528	71 1/2	4727	74 1/2	4912	77 1/2	5083	80 1/2	5237	83 1/2	5370	86 1/2	5480	89 1/2	5562						
68 5/8	4536	71 5/8	4735	74 5/8	4920	77 5/8	5090	80 5/8	5243	83 5/8	5375	86 5/8	5484	89 5/8	5564						
68 3/4	4545	71 3/4	4743	74 3/4	4927	77 3/4	5097	80 3/4	5249	83 3/4	5380	86 3/4	5488	89 3/4	5567						
68 7/8	4553	71 7/8	4751	74 7/8	4935	77 7/8	5103	80 7/8	5255	83 7/8	5385	86 7/8	5492	89 7/8	5569						

** PRECISION IS ABOUT +/- 1%