

NN06060086EU
 FIBERGLASS TANK

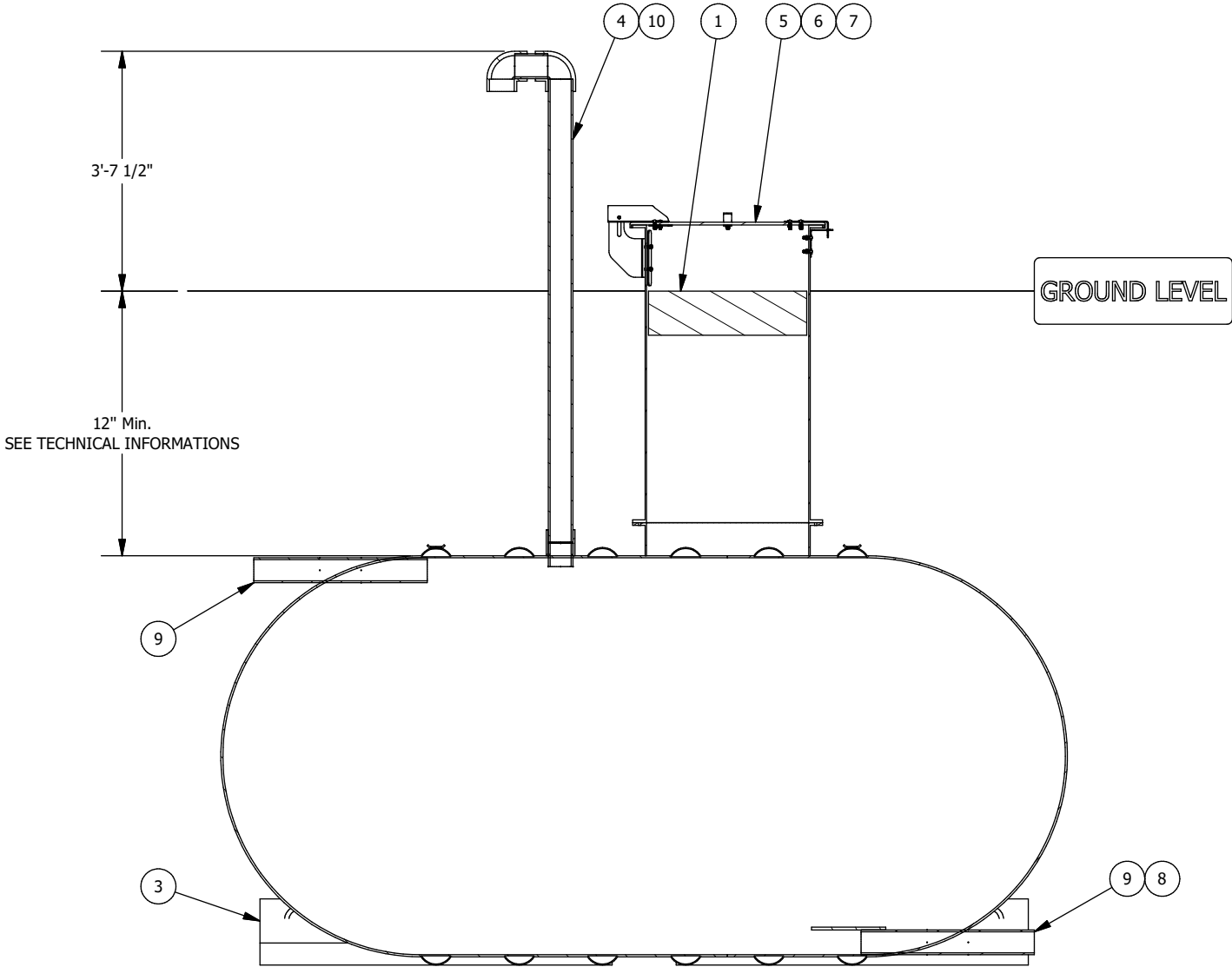
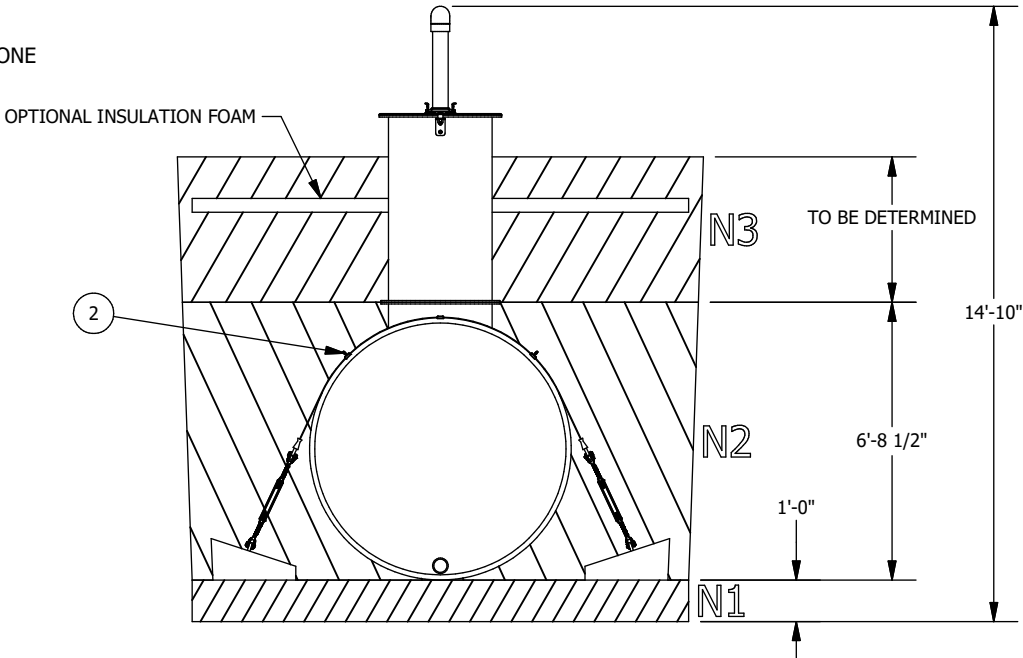


NOTES:
 - GENERIC DRAWING FOR REFERENCE ONLY
 - SHOP DRAWING AVAILABLE ON REQUEST

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B Part no. NN06060086EU REV 02.	
TOLERANCES (ANGULAR)		Drawn by O. Marin		20/12/2023	
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Approved by :		Title	
Weight : 1173 Lb				6' Dia. TANK - 2276 US gal	
Client		# Project		Sheet 1 / 4	

Item	Part Number	Qty	Description	Check List
1	ADF0000001	1	FOAM 28-3/4" DIA. x 8" / R-35	
2	ADPGILP001	2	LIFTING LUGS	
3	ENSCOUR6	2	ANCHORING KIT	
4	EV480	1	4" SCH. 80 VENT KIT	
5	GMHE30-COVER01	1	30" DIA. FRP. - LOCKABLE MAN HOLE COVER WITH HINGE	
6	MH-30 (6"L.)	1	30" DIA. x 6" L. - MANHOLE	
7	MHE-30 (54"L.)	1	30" DIA. x 54" L. - MANHOLE EXTENSION	
8	PFV01414	1	0.5" x 13.5" x 13.5" ANTI-VORTEX PLATE	
9	TP80400G01 (36"L.)	2	4" SCH.80 GREY PVC PIPE	
10	TP80400G01 (4.25"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

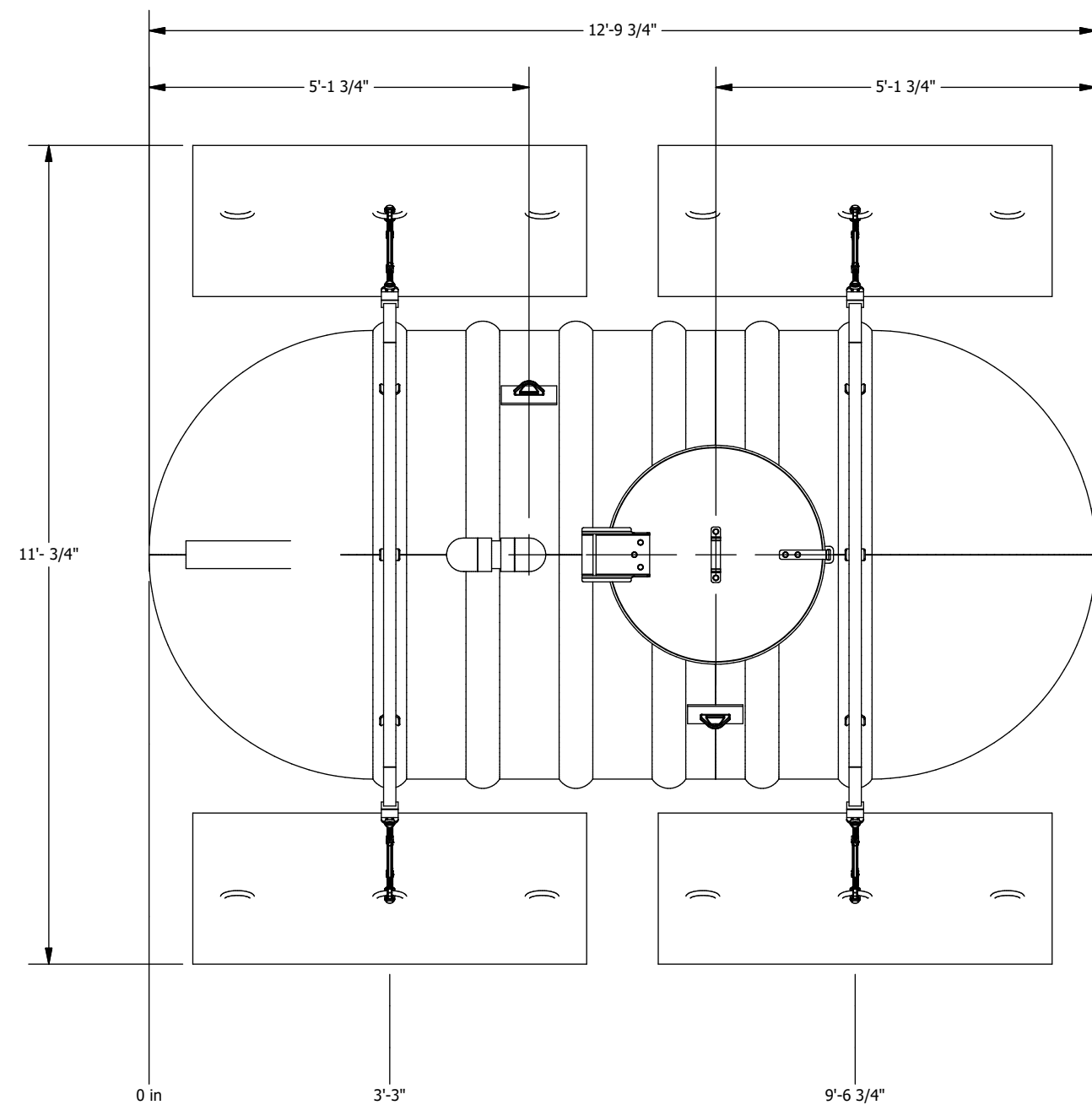
- Burrial depth: According to the geotechnical installation conditions
- Inside Diameter : 72"
- (If required) Quantity of fiberglass anchoring straps : 2
- (If required) Quantity of reinforced concrete deadman anchors : 4
- Simultaneous lifting by 2 lugs. The angle of the (chains or belts, etc.) must 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.

SECTION ELEVATION VIEW

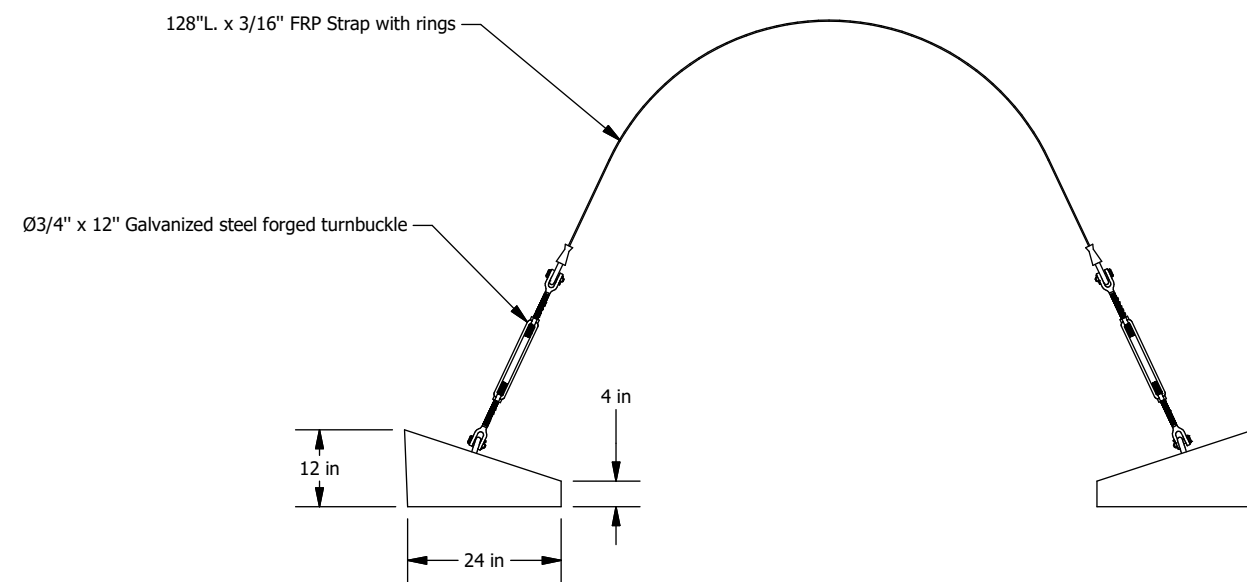
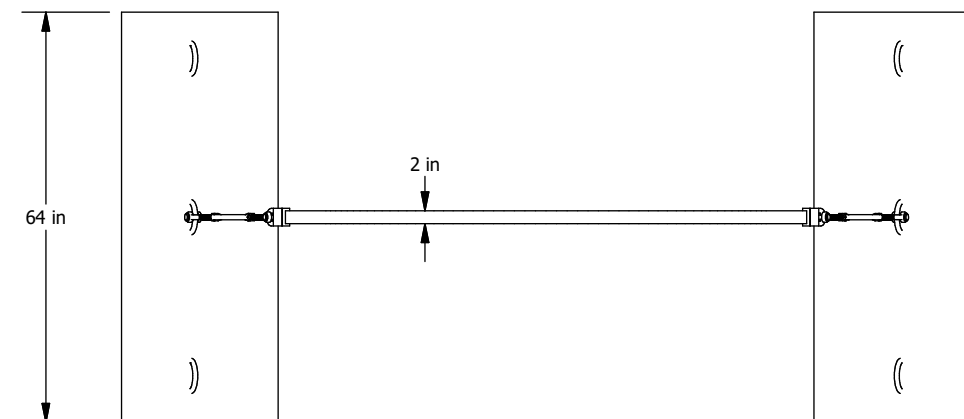
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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5" 0.00 -> ± 0.25" 0.000 -> ± 0.125"		 GRANBY COMPOSITES	Revision description		
			Format B	Part no. NN06060086EU	REV 02.
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG. 0.00 -> ± 0.1 DEG.		Drawn by O. Marin	20/12/2023		
Weight : 1173 Lb		Approved by :			
Client	# Project		Sheet 2 / 4	6' Dia. TANK - 2276 US gal	

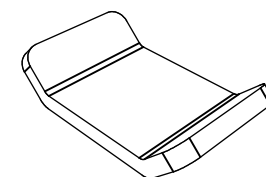


PLAN VIEW

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TOLERANCES (LINEAR) FEET DIM. -> ± 1% 0.0 -> ± 0.5"		 GRANBY COMPOSITES		Revision description	
				Format B	Part no. NN06060086EU
TOLERANCES (ANGULAR) 0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		Drawn by O. Marin		20/12/2023	
		Approved by :		REV 02.	
Weight : 1173 Lb				Title 6' Dia. TANK - 2276 US gal	
Client	# Projet		Sheet 3 / 4		



ITEM : ENSCOUR6



Fiberglass Strap Guide
Directly installed on the tank

- Turnbuckle**
- Forged carbon steel, hot-dip galvanized
 - In accordance with US specifications FF-T-791B Type 1, Form 1 (open cage).
 - Safety factor 5:1
 - Working load 5,200 Lbs
- Concrete deadman anchor**
- Weight : 1,093 Lbs
 - Reinforced with galvanized steel
- Fiberglass strap**
- High quality fiberglass
 - Working load 20,000 Lbs
 - Ultimate rated 45,000 Lbs
 - Equipped with galvanized steel rings

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TOLERANCES (LINEAR)				Revision description	
FEET DIM. -> ± 1% 0.0 -> ± 0.5"				Format B	
TOLERANCES (ANGULAR)		Drawn by O. Marin		Part no. ENSCOUR6	REV A.
0 -> ± 2 DEG. 0.0 -> ± 0.5 DEG.		04/10/2018		Title	
Weight :		Approved by :		ANCHORING KIT	
Client	# Projet	Sheet 4 / 4			



CAPACITY CHART FOR NN06060086 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	74	12	220	18	412	24	637	30	883	36	1138	42	1394	48	1640	54	1864	60	2057
1/8	1	6 1/8	76	12 1/8	223	18 1/8	417	24 1/8	642	30 1/8	888	36 1/8	1144	42 1/8	1399	48 1/8	1644	54 1/8	1869	60 1/8	2060
1/4	1	6 1/4	79	12 1/4	227	18 1/4	421	24 1/4	647	30 1/4	893	36 1/4	1149	42 1/4	1404	48 1/4	1649	54 1/4	1873	60 1/4	2064
3/8	1	6 3/8	81	12 3/8	231	18 3/8	425	24 3/8	652	30 3/8	898	36 3/8	1154	42 3/8	1410	48 3/8	1654	54 3/8	1877	60 3/8	2067
1/2	2	6 1/2	84	12 1/2	234	18 1/2	430	24 1/2	657	30 1/2	904	36 1/2	1160	42 1/2	1415	48 1/2	1659	54 1/2	1882	60 1/2	2071
5/8	3	6 5/8	87	12 5/8	238	18 5/8	434	24 5/8	662	30 5/8	909	36 5/8	1165	42 5/8	1420	48 5/8	1664	54 5/8	1886	60 5/8	2074
3/4	3	6 3/4	89	12 3/4	242	18 3/4	439	24 3/4	667	30 3/4	914	36 3/4	1170	42 3/4	1425	48 3/4	1669	54 3/4	1890	60 3/4	2078
7/8	4	6 7/8	92	12 7/8	245	18 7/8	443	24 7/8	672	30 7/8	919	36 7/8	1176	42 7/8	1431	48 7/8	1674	54 7/8	1895	60 7/8	2081
1	5	7	94	13	249	19	448	25	677	31	925	37	1181	43	1436	49	1679	55	1899	61	2085
1 1/8	6	7 1/8	97	13 1/8	253	19 1/8	452	25 1/8	682	31 1/8	930	37 1/8	1187	43 1/8	1441	49 1/8	1684	55 1/8	1903	61 1/8	2088
1 1/4	7	7 1/4	100	13 1/4	257	19 1/4	457	25 1/4	687	31 1/4	935	37 1/4	1192	43 1/4	1446	49 1/4	1688	55 1/4	1908	61 1/4	2091
1 3/8	8	7 3/8	102	13 3/8	260	19 3/8	461	25 3/8	692	31 3/8	941	37 3/8	1197	43 3/8	1452	49 3/8	1693	55 3/8	1912	61 3/8	2095
1 1/2	9	7 1/2	105	13 1/2	264	19 1/2	466	25 1/2	697	31 1/2	946	37 1/2	1203	43 1/2	1457	49 1/2	1698	55 1/2	1916	61 1/2	2098
1 5/8	10	7 5/8	108	13 5/8	268	19 5/8	470	25 5/8	702	31 5/8	951	37 5/8	1208	43 5/8	1462	49 5/8	1703	55 5/8	1920	61 5/8	2102
1 3/4	11	7 3/4	111	13 3/4	272	19 3/4	475	25 3/4	707	31 3/4	957	37 3/4	1213	43 3/4	1467	49 3/4	1708	55 3/4	1924	61 3/4	2105
1 7/8	12	7 7/8	113	13 7/8	276	19 7/8	479	25 7/8	712	31 7/8	962	37 7/8	1219	43 7/8	1472	49 7/8	1713	55 7/8	1929	61 7/8	2108
2	14	8	116	14	280	20	484	26	717	32	967	38	1224	44	1477	50	1717	56	1933	62	2111
2 1/8	15	8 1/8	119	14 1/8	283	20 1/8	489	26 1/8	722	32 1/8	972	38 1/8	1229	44 1/8	1483	50 1/8	1722	56 1/8	1937	62 1/8	2115
2 1/4	16	8 1/4	122	14 1/4	287	20 1/4	493	26 1/4	727	32 1/4	978	38 1/4	1235	44 1/4	1488	50 1/4	1727	56 1/4	1941	62 1/4	2118
2 3/8	18	8 3/8	125	14 3/8	291	20 3/8	498	26 3/8	732	32 3/8	983	38 3/8	1240	44 3/8	1493	50 3/8	1732	56 3/8	1945	62 3/8	2121
2 1/2	19	8 1/2	128	14 1/2	295	20 1/2	503	26 1/2	737	32 1/2	988	38 1/2	1245	44 1/2	1498	50 1/2	1736	56 1/2	1949	62 1/2	2124
2 5/8	20	8 5/8	131	14 5/8	299	20 5/8	507	26 5/8	742	32 5/8	994	38 5/8	1251	44 5/8	1503	50 5/8	1741	56 5/8	1953	62 5/8	2127
2 3/4	22	8 3/4	134	14 3/4	303	20 3/4	512	26 3/4	748	32 3/4	999	38 3/4	1256	44 3/4	1508	50 3/4	1746	56 3/4	1957	62 3/4	2130
2 7/8	24	8 7/8	137	14 7/8	307	20 7/8	517	26 7/8	753	32 7/8	1004	38 7/8	1261	44 7/8	1514	50 7/8	1751	56 7/8	1961	62 7/8	2133
3	25	9	140	15	311	21	521	27	758	33	1010	39	1267	45	1519	51	1755	57	1965	63	2137
3 1/8	27	9 1/8	143	15 1/8	315	21 1/8	526	27 1/8	763	33 1/8	1015	39 1/8	1272	45 1/8	1524	51 1/8	1760	57 1/8	1969	63 1/8	2140
3 1/4	28	9 1/4	146	15 1/4	319	21 1/4	531	27 1/4	768	33 1/4	1020	39 1/4	1277	45 1/4	1529	51 1/4	1765	57 1/4	1973	63 1/4	2143
3 3/8	30	9 3/8	149	15 3/8	323	21 3/8	535	27 3/8	773	33 3/8	1026	39 3/8	1283	45 3/8	1534	51 3/8	1769	57 3/8	1977	63 3/8	2146
3 1/2	32	9 1/2	152	15 1/2	327	21 1/2	540	27 1/2	778	33 1/2	1031	39 1/2	1288	45 1/2	1539	51 1/2	1774	57 1/2	1981	63 1/2	2149
3 5/8	34	9 5/8	156	15 5/8	331	21 5/8	545	27 5/8	784	33 5/8	1036	39 5/8	1293	45 5/8	1544	51 5/8	1779	57 5/8	1985	63 5/8	2151
3 3/4	36	9 3/4	159	15 3/4	336	21 3/4	550	27 3/4	789	33 3/4	1042	39 3/4	1299	45 3/4	1549	51 3/4	1783	57 3/4	1989	63 3/4	2154
3 7/8	37	9 7/8	162	15 7/8	340	21 7/8	554	27 7/8	794	33 7/8	1047	39 7/8	1304	45 7/8	1554	51 7/8	1788	57 7/8	1993	63 7/8	2157
4	39	10	165	16	344	22	559	28	799	34	1053	40	1309	46	1559	52	1792	58	1997	64	2160
4 1/8	41	10 1/8	168	16 1/8	348	22 1/8	564	28 1/8	804	34 1/8	1058	40 1/8	1315	46 1/8	1565	52 1/8	1797	58 1/8	2001	64 1/8	2163
4 1/4	43	10 1/4	172	16 1/4	352	22 1/4	569	28 1/4	809	34 1/4	1063	40 1/4	1320	46 1/4	1570	52 1/4	1802	58 1/4	2005	64 1/4	2166
4 3/8	45	10 3/8	175	16 3/8	356	22 3/8	574	28 3/8	815	34 3/8	1069	40 3/8	1325	46 3/8	1575	52 3/8	1806	58 3/8	2009	64 3/8	2169
4 1/2	47	10 1/2	178	16 1/2	361	22 1/2	578	28 1/2	820	34 1/2	1074	40 1/2	1331	46 1/2	1580	52 1/2	1811	58 1/2	2012	64 1/2	2171
4 5/8	49	10 5/8	182	16 5/8	365	22 5/8	583	28 5/8	825	34 5/8	1079	40 5/8	1336	46 5/8	1585	52 5/8	1815	58 5/8	2016	64 5/8	2174
4 3/4	51	10 3/4	185	16 3/4	369	22 3/4	588	28 3/4	830	34 3/4	1085	40 3/4	1341	46 3/4	1590	52 3/4	1820	58 3/4	2020	64 3/4	2177
4 7/8	53	10 7/8	188	16 7/8	373	22 7/8	593	28 7/8	835	34 7/8	1090	40 7/8	1347	46 7/8	1595	52 7/8	1824	58 7/8	2024	64 7/8	2180
5	56	11	192	17	378	23	598	29	841	35	1095	41	1352	47	1600	53	1829	59	2027	65	2182
5 1/8	58	11 1/8	195	17 1/8	382	23 1/8	603	29 1/8	846	35 1/8	1101	41 1/8	1357	47 1/8	1605	53 1/8	1833	59 1/8	2031	65 1/8	2185
5 1/4	60	11 1/4	199	17 1/4	386	23 1/4	607	29 1/4	851	35 1/4	1106	41 1/4	1362	47 1/4	1610	53 1/4	1838	59 1/4	2035	65 1/4	2187
5 3/8	62	11 3/8	202	17 3/8	390	23 3/8	612	29 3/8	856	35 3/8	1111	41 3/8	1368	47 3/8	1615	53 3/8	1842	59 3/8	2039	65 3/8	2190
5 1/2	65	11 1/2	206	17 1/2	395	23 1/2	617	29 1/2	862	35 1/2	1117	41 1/2	1373	47 1/2	1620	53 1/2	1847	59 1/2	2042	65 1/2	2193
5 5/8	67	11 5/8	209	17 5/8	399	23 5/8	622	29 5/8	867	35 5/8	1122	41 5/8	1378	47 5/8	1625	53 5/8	1851	59 5/8	2046	65 5/8	2195
5 3/4	69	11 3/4	213	17 3/4	403	23 3/4	627	29 3/4	872	35 3/4	1128	41 3/4	1383	47 3/4	1630	53 3/4	1856	59 3/4	2050	65 3/4	2198
5 7/8	72	11 7/8	216	17 7/8	408	23 7/8	632	29 7/8	877	35 7/8	1133	41 7/8	1389	47 7/8	1635	53 7/8	1860	59 7/8	2053	65 7/8	2200

** PRECISION IS ABOUT +/- 1%



CAPACITY CHART FOR NN06060086 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	2202	67	2221	68	2237	69	2251	70	2263	71	2272										
66 1/8	2205	67 1/8	2223	68 1/8	2239	69 1/8	2253	70 1/8	2264	71 1/8	2272										
66 1/4	2207	67 1/4	2225	68 1/4	2241	69 1/4	2254	70 1/4	2265	71 1/4	2273										
66 3/8	2210	67 3/8	2227	68 3/8	2243	69 3/8	2256	70 3/8	2267	71 3/8	2274										
66 1/2	2212	67 1/2	2229	68 1/2	2245	69 1/2	2257	70 1/2	2268	71 1/2	2274										
66 5/8	2214	67 5/8	2231	68 5/8	2246	69 5/8	2259	70 5/8	2269	71 5/8	2275										
66 3/4	2216	67 3/4	2233	68 3/4	2248	69 3/4	2260	70 3/4	2270	71 3/4	2275										
66 7/8	2219	67 7/8	2235	68 7/8	2250	69 7/8	2262	70 7/8	2271	71 7/8	2276										

** PRECISION IS ABOUT +/- 1%