



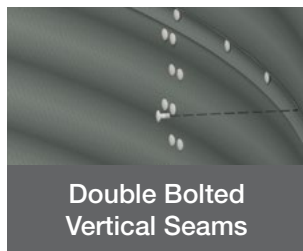
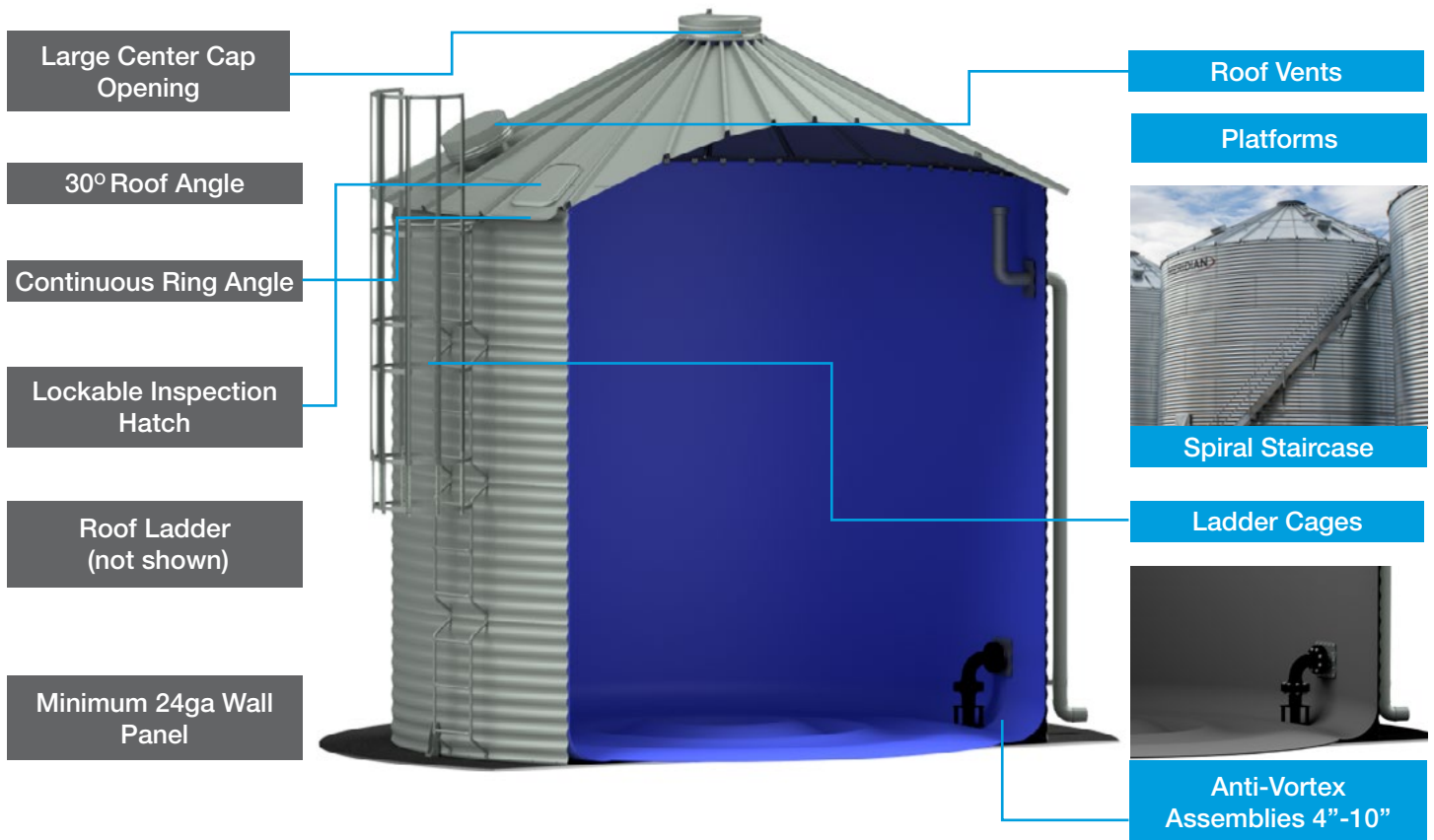
MERIDIAN CORRUGATED WATER STORAGE

TANK SPECIFICATIONS

MODEL	ACTUAL DIAMETER		HEIGHT					VOLUME							
			WALL SHEETS		ROOF	TOTAL*		NOM				Per Inch FB			
	(in)	(m)	(in)	(m)	(in)	(in)	(m)	(ft³)	(Imp Gal)	(USG)	(bbl)	(ft3)	(Imp Gal)	(usg)	(bbl)
3301	397.010	10.08	45.945	1.17	106.518	152.463	3.87	3291	20501	24621	586	71	446	535	12
3302			91.220	2.32		197.739	5.02	6534	40705	48884	1163				
3303			136.496	3.47		243.014	6.17	9778	60908	73147	1741				
3304			181.772	4.62		288.290	7.32	13021	81111	97410	2319				
3305			227.047	5.77		333.566	8.47	16265	101314	121673	2896				
3306			272.323	6.92		378.841	9.62	19508	121517	145936	3474				
3307			317.598	8.07		424.117	10.77	22752	141721	170199	4052				
3308			362.874	9.22		469.392	11.92	25995	161924	194462	4630				
3309			408.150	10.37		514.668	13.07	29239	182127	218726	5207				
3601			433.102	11.00		45.945	1.17	116.911	162.856	4.14	3917				
3602	91.220	2.32			208.131	5.29	7777		48442	58176	1385				
3603	136.496	3.47			253.407	6.44	11637		72485	87051	2072				
3604	181.772	4.62			298.682	7.59	15497		96529	115926	2760				
3605	227.047	5.77			343.958	8.74	19357		120572	144801	3447				
3606	272.323	6.92			389.233	9.89	23217		144616	173676	4135				
3607	317.598	8.07			434.509	11.04	27077		168659	202551	4822				
3608	362.874	9.22			479.785	12.19	30937		192703	231427	5510				
3609	408.150	10.37			525.060	13.34	34797		216746	260302	6197				
3901	469.194	11.92			45.945	1.17	127.303		173.248	4.40	4597	28634	34388	818	100
3902			91.220	2.32	218.523	5.55		9127	56852	68277	1625				
3903			136.496	3.47	263.799	6.70		13657	85070	102165	2432				
3904			181.772	4.62	309.075	7.85		18187	113287	136053	3239				
3905			227.047	5.77	354.350	9.00		22717	141505	169941	4046				
3906			272.323	6.92	399.626	10.15		27248	169723	203829	4853				
3907			317.598	8.07	444.901	11.30		31778	197941	237717	5659				
3908			362.874	9.22	490.177	12.45		36308	226158	271605	6466				
4201	505.286	12.83	45.945	1.17	137.695	183.640	4.66	5331	33209	39883	949	116	722	868	20
4202			91.220	2.32		228.916	5.81	10585	65935	79185	1885				
4203			136.496	3.47		274.191	6.96	15839	98661	118487	2821				
4204			181.772	4.62		319.467	8.11	21093	131387	157789	3756				
4205			227.047	5.77		364.743	9.26	26347	164113	197091	4692				
4206			272.323	6.92		410.018	10.41	31601	196838	236393	5628				
4207			317.598	8.07		455.294	11.56	36855	229564	275695	6564				
4208			362.874	9.22		500.569	12.71	42109	262290	314997	7499				
4801	577.469	14.67	45.945	1.17	158.480	204.425	5.19	6963	43375	52092	1240	151	944	1133	26
4802			91.220	2.32		249.700	6.34	13825	86119	103425	2462				
4803			136.496	3.47		294.976	7.49	20688	128863	154758	3684				
4804			181.772	4.62		340.252	8.64	27550	171607	206092	4906				
4805			227.047	5.77		385.527	9.79	34412	214351	257425	6129				
4806			272.323	6.92		430.803	10.94	41275	257095	308759	7351				
4807			317.598	8.07		476.078	12.09	48137	299839	360092	8573				

Standard Features

Common Accessories



Side Wall Panels

- Wall sheet material 20 ga and heavier – ASTM A653 Grade 50 (50,000 psi minimum yield strength, 65,000 psi minimum tensile strength)
- Wall sheet material 22 ga and lighter – ASTM 653 Grade 40 (40,000 psi minimum yield strength, 55,000 psi minimum tensile strength)
- All galvanized material components are coated to ASTM A653
- Ultra flat 5.22" x 0.48" deep corrugated profile for lateral strength structural rigidity and integrity
- Wall sheets 45.25" x 113.38" ensure faster coverage and installation, and less hardware
- Sidewall sheets have unique hill and valley double bolting connection providing greater strength and tight overlap
- Manageable panel size and weight

Roof Design

Meridian water tanks use a continuous ring angle (far superior to competitors lighter clip systems), to anchor the roof and give maximum resistance to high winds. Additional roof strength is provided by extra deep ribs in the roof sheets, which increases overall structural integrity. For higher snow load conditions, additional roof rings are available as optional accessories for some models. The roof's 30-degree roof slope promotes quick snow and moisture run off.

Optional Accessories

- Open top (no roof) designs
- Roof vents
- Roof rings & external tank shell wind rings for increased wind and snow resistance
- Side wall ladders, cages & ladder block off plates
- Application specific internal engineered liners
- Steel Inlet & outlet flanges (2" to 12")
- Anti Vortex assemblies (4" to 10")
- Platforms
- Spiral stairs
- Flat, low profile 10-degree roofs