

wessels

STORAGE TANKS

ASME and Standard Construction

Wessels Hot Water Storage Tanks used in conjunction with a boiler or other independent water-heating unit, provides an alternate system for heating and storing domestic hot water. A properly sized tank will provide storage capacity sufficient to meet peak and normal system demands. Tanks can be fabricated in wide range of sizes, linings, pressures and temperatures.

WESGLAS LINING

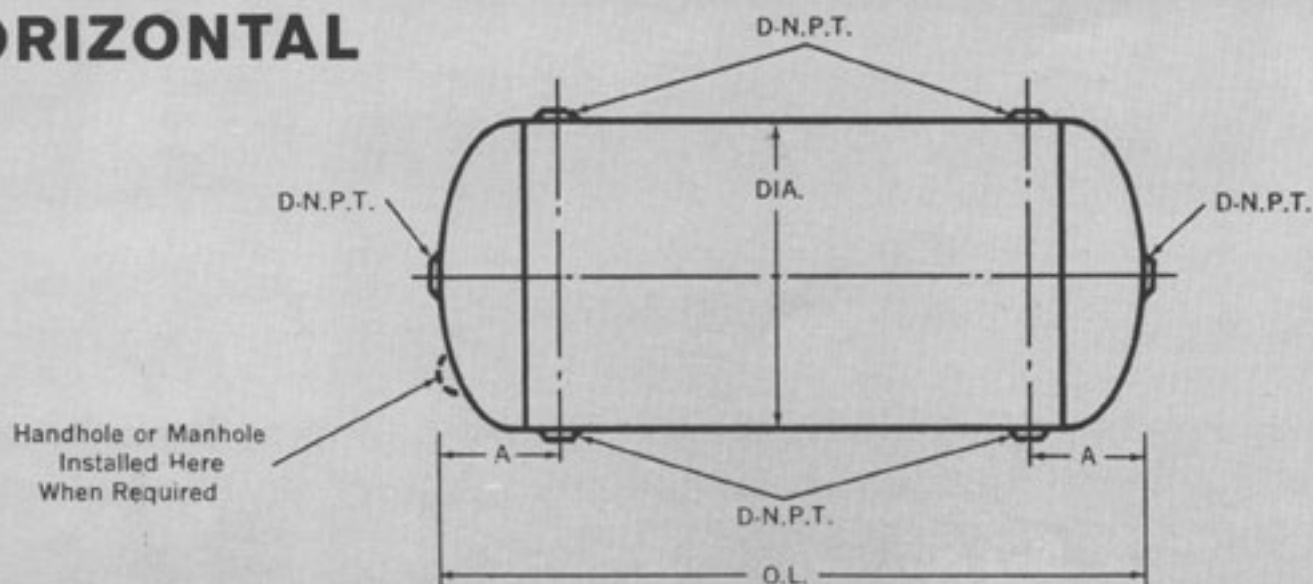
Wessels engineers have created a special epitaxial glass crystal — combining alkaline borosilicate and cobalt ferrite. The result is a long lasting, odorless, tasteless, stainless and non-toxic coating fused to the steel tank at 1600°F that will outperform all other commercially available linings. Gives maximum protection in the day in, day out demands of heavy duty hot water storage application. Same tough glass used on our chemical tanks and reactors. Acknowledged by so many specifiers, contractors and users to be the best lining in the industry. Particularly appropriate where major capital investment is required. Other linings and coatings available on request.

For the "Top of the line" in linings at economical prices, insist on "Wesglas". Our commitment to the future.

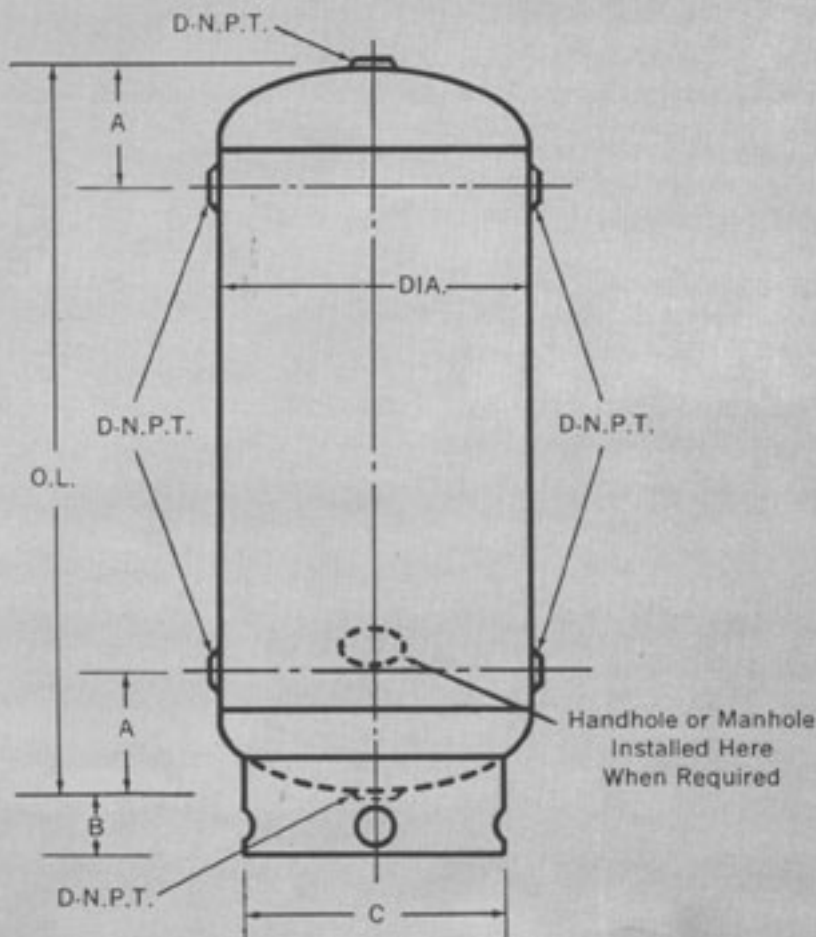


Wessels Hot Water Storage Tanks

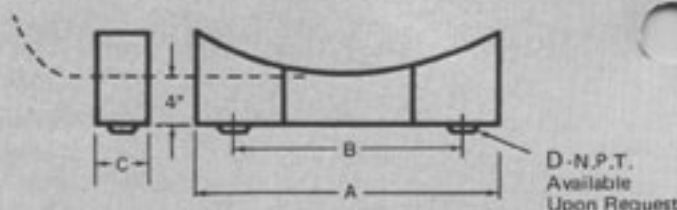
HORIZONTAL



VERTICAL

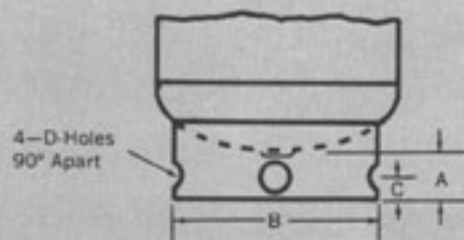


TANK SADDLE DATA



	TANK DIAMETER							
	24	30	36	42	48	54	60	72
A	17	21	25	29	34	38	42	50
B	13	17	21	24	29	33	37	45
C	4	5	5	6	6	6	6	6
D	2	2½	2½	3	3	3	3	3

BASE RING DATA



	TANK DIAMETER							
	24	30	36	42	48	54	60	72
A	7	7	7	7	9	9	9	9
B	18	24	30	36	42	48	54	66
C	3	3	3	3	3	3	3½	3½
D	4	4	4	4	4	4	5	5

TANK DATA

PART NO.		CAPACITY		SIZES AND DIMENSIONS—INCHES					
Standard	ASME	Nominal Gallons	Actual Gallons	Dia.	Overall Length	A	B	C	D
24S4	24SA4	94	84	24	48	12	7	18	1½
24S5	24SA5	118	108	24	60	12	7	18	1½
24S6	24SA6	141	131	24	72	12	7	18	1½
24S8	24SA8	188	178	24	96	12	7	18	1½
24S10	24SA10	235	225	24	120	12	7	18	1½
30S4	30SA4	147	133	30	48	13	7	24	1½
30S5	30SA5	184	170	30	60	13	7	24	1½
30S6	30SA6	220	206	30	72	13	7	24	1½
30S7	30SA7	257	243	30	84	13	7	24	1½
30S8	30SA8	294	280	30	96	13	7	24	1½
30S10	30SA10	367	353	30	120	13	7	24	1½
36S5	36SA5	265	243	36	60	14	7	30	2
36S6	36SA6	318	296	36	72	14	7	30	2
36S7	36SA7	370	348	36	84	14	7	30	2
36S8	36SA8	423	401	36	96	14	7	30	2
36S10	36SA10	529	507	36	120	14	7	30	2
42S6	42SA6	432	390	42	72	18	7	36	2
42S7	42SA7	504	462	42	84	18	7	36	2
42S8	42SA8	576	534	42	96	18	7	36	2
42S10	42SA10	720	678	42	120	18	7	36	2
42S12	42SA12	864	822	42	144	18	7	36	2
42S14	42SA14	1008	966	42	168	18	7	36	2
42S16	42SA16	1152	1110	42	192	18	7	36	2
48S7	48SA7	658	595	48	84	18	9	42	2½
48S8	48SA8	752	689	48	96	18	9	42	2½
48S10	48SA10	940	877	48	120	18	9	42	2½
48S12	48SA12	1128	1065	48	144	18	9	42	2½
48S14	48SA14	1315	1252	48	168	18	9	42	2½
48S16	48SA16	1503	1440	48	192	18	9	42	2½
48S20	48SA20	1879	1816	48	240	18	9	42	2½
54S8	54SA8	951	881	54	96	18	9	48	2½
54S10	54SA10	1189	1119	54	120	18	9	48	2½
54S12	54SA12	1427	1357	54	144	18	9	48	2½
54S14	54SA14	1665	1595	54	168	18	9	48	2½
54S16	54SA16	1903	1833	54	192	18	9	48	2½
54S18	54SA18	2141	2071	54	216	18	9	48	2½
54S20	54SA20	2378	2308	54	240	18	9	48	2½
60S10	60SA10	1469	1373	60	120	24	9	54	3
60S12	60SA12	1763	1667	60	144	24	9	54	3
60S14	60SA14	2056	1960	60	168	24	9	54	3
60S16	60SA16	2350	2254	60	192	24	9	54	3
60S18	60SA18	2644	2548	60	216	24	9	54	3
60S20	60SA20	2938	2842	60	240	24	9	54	3
72S10	72SA10	2115	1974	72	120	24	9	66	3
72S12	72SA12	2538	2397	72	144	24	9	66	3
72S14	72SA14	2961	2820	72	168	24	9	66	3
72S16	72SA16	3384	3243	72	192	24	9	66	3
72S18	72SA18	3807	3666	72	216	24	9	66	3
72S20	72SA20	4230	4089	72	240	24	9	66	3
72S24	72SA24	5076	4935	72	288	24	9	66	3

Specification subject to change without notice.

Detail Prints For Installation Sent on Application.

All dimensions for reference only unless certified.

WESGLAS SUPERTANKS

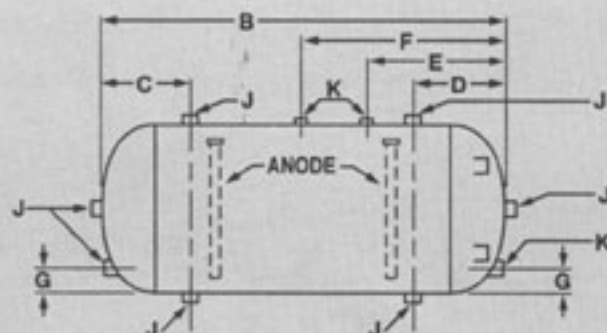
STOCK SIZE GLASS LINED TANKS

DESCRIPTION

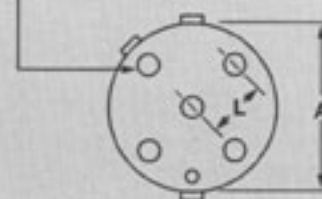
WESGLAS ASME Glass lined storage tanks are preferred for storage of hot or cold potable water. WESGLAS lining provides a durable interior surface to withstand the wearing effects of high volume and high temperature water. Designed for use in temperatures up to 180°F.

FEATURES

- Glass Lined Interior (5 yr. warranty)
- Magnesium Anode Rods
- Vertical or Horizontal Installation
- Threaded Leg Sockets on all Models
- Prime Painted Exterior
- Skidded for Shipment



H BLIND CPLG. 4 @ 90°
FOR PIPE LEGS ON
VERT. MOUNTING



ASME CONSTRUCTION

MODEL NUMBER	GAL. CAP.	PSI W.P.	DIMENSIONS (in inches)											SHIPPING WEIGHT
			A	B	C	D	E	F	G	H	J	K	L	
GA 200M	200	125	30	72	13	13	19 1/2	28 1/2	4	2 1/2	2 1/2	3/4	11	421
GA 350M	350	125	36	87	14 1/2	14 1/2	21	30	4	2 1/2	2 1/2	3/4	13 3/8	618
GA 400M	400	125	36	92	14 1/2	14 1/2	21	30	4	2 1/2	2 1/2	3/4	13 3/8	658
GA 500M	500	125	42	88	18	18	24	52	4	3	3	3/4	15 1/4	865
GA 750M	750	125	48	105	19 3/4	19 3/4	—	26 3/4	4	3	3	3/4	16	1287
GA 1000M	1000	125	48	138	19 3/4	19 3/4	—	26 3/4	4	3	3	3/4	20	1655
GA 1250M	1250	125	54	129	19 3/4	19 3/4	—	26 3/4	4	4	3	3/4	20	2451
GA 1500M	1500	125	54	153	19 3/4	19 3/4	—	26 3/4	4	4	3	3/4	20	2810

SUGGESTED SPECIFICATION:

Furnish and install as shown on the plans and described herein, a WESGLAS Glass Lined Storage Tank Model _____, as manufactured by Wessels Company, Detroit, MI, or approved equal. All models shall have a working pressure of 125 PSI and fabricated to the latest revision of the ASME Boiler and Pressure Vessel Code. The interior shall be properly prepared and sand blasted to white metal prior and shall be glass lined with an epitaxial glass crystal combining alkaline borosilicate and cobalt ferrite which has been fused to the steel base by firing at 1600 degrees Fahrenheit. The exterior shall be primed painted. Glass coating shall be continuous over the entire inner surface of the tank. Magnesium anode rods shall be provided.



SINCE 1908

wessels
company

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