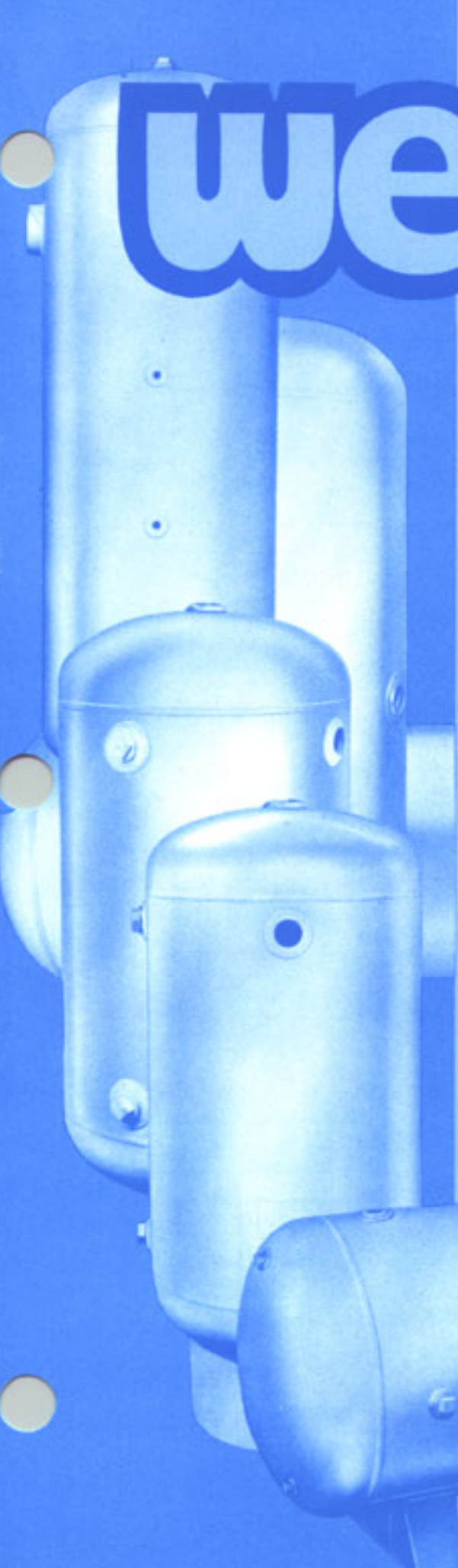




wessels

HYDRO-PNEUMATIC TANKS

(HEAVY WEIGHT)

Wessels Hydro-Pneumatic Tanks are designed to give the Architect, Engineer and Distributor standard sized tanks that may be manufactured, stocked and sold in the minimum amount of time and at a minimum cost.

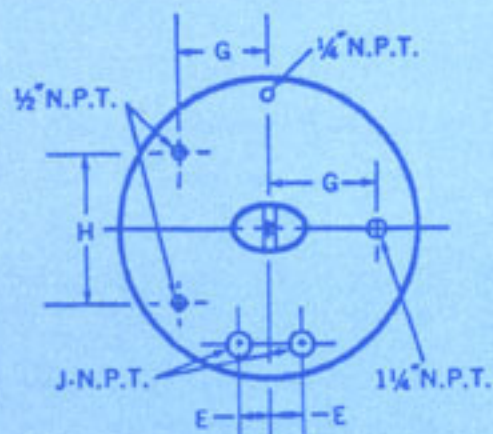
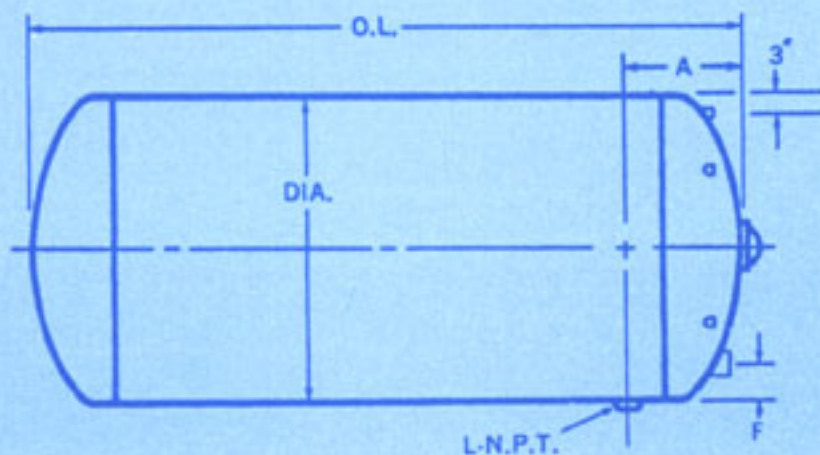
Manufactured to the latest A.S.M.E. Boiler and Pressure Vessel Codes, as well as our own exacting specifications for Standard Tanks, to assure you that Wessels Hydro-Pneumatic Tanks are of the highest quality.

Wessels A.S.M.E. Hydro-Pneumatic Tanks are inspected under the supervision of the Hartford Steam Boiler Inspection and Insurance Company inspectors, who are certified by the National Board of Boiler and Pressure Vessel Inspectors, as well as the Commonwealth of Pennsylvania.

For information on Wessels Expansion-Compression, Storage Water Heaters, Hot Water Storage and Air Receiver Tanks, send for brochure covering these products.

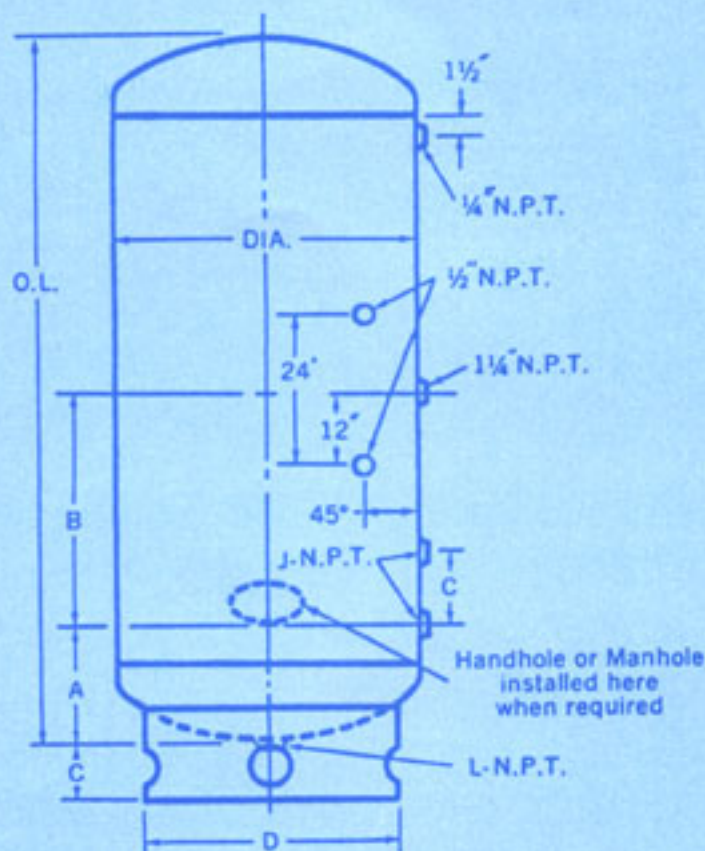
Wessels Hydro-Pneumati

HORIZONTAL

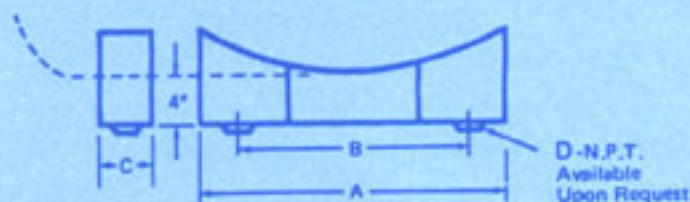


Note: Handhole or Manhole installed center of head—when required.

VERTICAL



TANK SADDLE DATA



TANK DIAMETER								
A	24	30	36	42	48	54	60	72
B	17	21	25	29	34	38	42	50
C	13	17	21	24	29	33	37	45
D	4	5	5	6	6	6	6	6
	2	2 1/2	2 1/2	3	3	3	3	3

BASE RING DATA



TANK DIAMETER								
A	24	30	36	42	48	54	60	72
B	6 1/2	6 1/2	6 1/2	6 1/2	8 1/2	8 1/2	8 1/2	8 1/2
C	18	24	30	36	42	48	54	66
D	3	3	3	3	3	3	3 1/2	3 1/2
	4	4	4	4	4	4	5	5

c Tanks

TANK DATA

PART NO.		CAPACITY				SIZES AND DIMENSIONS—INCHES									
Standard	ASME	Nominal Gallons	Actual Gallons	Dia.	Overall Length	A	B	C	D	E	F	G	H	J	L
24P4	24PA4	94	84	24	48	12	12	7	18	3	4	8	12	1½	1
24P5	24PA5	118	108	24	60	12	18	7	18	3	4	8	12	1½	1
24P6	24PA6	141	131	24	72	12	24	7	18	3	4	8	12	1½	1
24P8	24PA8	188	178	24	96	12	36	7	18	3	4	8	12	1½	1
24P10	24PA10	235	225	24	120	12	48	7	18	3	4	8	12	1½	1
30P4	30PA4	147	133	30	48	13	11	7	24	4	5	11	12	2	1
30P5	30PA5	184	170	30	60	13	17	7	24	4	5	11	12	2	1
30P6	30PA6	220	206	30	72	13	23	7	24	4	5	11	12	2	1
30P7	30PA7	257	243	30	84	13	29	7	24	4	5	11	12	2	1
30P8	30PA8	294	280	30	96	13	35	7	24	4	5	11	12	2	1
30P10	30PA10	367	353	30	120	13	47	7	24	4	5	11	12	2	1
36P5	36PA5	265	243	36	60	14	16	7	30	4	5	12	18	2	1½
36P6	36PA6	318	296	36	72	14	22	7	30	4	5	12	18	2	1½
36P7	36PA7	370	348	36	84	14	28	7	30	4	5	12	18	2	1½
36P8	36PA8	423	401	36	96	14	34	7	30	4	5	12	18	2	1½
36P10	36PA10	529	507	36	120	14	46	7	30	4	5	12	18	2	1½
42P6	42PA6	432	390	42	72	18	18	7	36	4	5	14	24	2	1½
42P7	42PA7	504	462	42	84	18	24	7	36	4	5	14	24	2	1½
42P8	42PA8	576	534	42	96	18	30	7	36	4	5	14	24	2	1½
42P10	42PA10	720	678	42	120	18	42	7	36	4	5	14	24	2	1½
42P12	42PA12	864	822	42	144	18	54	7	36	4	5	14	24	2	1½
42P14	42PA14	1008	966	42	168	18	66	7	36	4	5	14	24	2	1½
42P16	42PA16	1152	1110	42	192	18	78	7	36	4	5	14	24	2	1½
48P7	48PA7	658	595	48	84	18	24	9	42	6	7	14	24	3	2
48P8	48PA8	752	689	48	96	18	30	9	42	6	7	14	24	3	2
48P10	48PA10	940	877	48	120	18	42	9	42	6	7	14	24	3	2
48P12	48PA12	1128	1065	48	144	18	54	9	42	6	7	14	24	3	2
48P14	48PA14	1315	1252	48	168	18	66	9	42	6	7	14	24	3	2
48P16	48PA16	1503	1440	48	192	18	78	9	42	6	7	14	24	3	2
48P20	48PA20	1879	1816	48	240	18	102	9	42	6	7	14	24	3	2
54P8	54PA8	951	881	54	96	18	30	9	48	6	7	14	24	3	2
54P10	54PA10	1189	1119	54	120	18	42	9	48	6	7	14	24	3	2
54P12	54PA12	1427	1357	54	144	18	54	9	48	6	7	14	24	3	2
54P14	54PA14	1665	1595	54	168	18	66	9	48	6	7	14	24	3	2
54P16	54PA16	1903	1833	54	192	18	78	9	48	6	7	14	24	3	2
54P18	54PA18	2141	2071	54	216	18	90	9	48	6	7	14	24	3	2
54P20	54PA20	2378	2308	54	240	18	102	9	48	6	7	14	24	3	2
60P10	60PA10	1469	1373	60	120	18	42	9	54	6	7	14	24	3	2½
60P12	60PA12	1763	1667	60	144	18	54	9	54	6	7	14	24	3	2½
60P14	60PA14	2056	1960	60	168	18	66	9	54	6	7	14	24	3	2½
60P16	60PA16	2350	2254	60	192	18	78	9	54	6	7	14	24	3	2½
60P18	60PA18	2644	2548	60	216	18	90	9	54	6	7	14	24	3	2½
60P20	60PA20	2938	2842	60	240	18	102	9	54	6	7	14	24	3	2½
72P10	72PA10	2115	1974	72	120	24	36	9	66	6	8	14	24	4	2½
72P12	72PA12	2538	2397	72	144	24	48	9	66	6	8	14	24	4	2½
72P14	72PA14	2961	2820	72	168	24	60	9	66	6	8	14	24	4	2½
72P16	72PA16	3384	3243	72	192	24	72	9	66	6	8	14	24	4	2½
72P18	72PA18	3807	3666	72	216	24	84	9	66	6	8	14	24	4	2½
72P20	72PA20	4230	4089	72	240	24	96	9	66	6	8	14	24	4	2½
72P24	72PA24	5076	4935	72	288	24	108	9	66	6	8	14	24	4	2½

Specification subject to change without notice.

Detail Prints For Installation Sent on Application.

Construction Details

CAPACITIES:

Gallon capacities are shown as nominal and actual. Wessels Company recommends the use of ACTUAL capacity, when selecting the size tank required.

Nominal capacity is the capacity of a tank with flat ends and does not take in the loss in volume when using dished heads.

WESSELS A.S.M.E. CONSTRUCTION:

For use in installations and areas that require a tank fabricated to the Unfired Pressure Vessel Code of the American Society of Mechanical Engineers.

Wessels A.S.M.E. Tanks are fabricated in accordance with the latest revisions of the A.S.M.E. Code, under controlled conditions using certified welders, materials and equipment.

All A.S.M.E. Tanks are fabricated under the supervision of an independent authorized inspection agency, which verifies compliance with the A.S.M.E. Code and signs a manufacturer's data report accordingly.

All Wessels A.S.M.E. Tanks are registered with the National Board of Boiler and Pressure Vessel Inspectors.

WESSELS STANDARD CONSTRUCTION:

For use in installations and areas that do not require tanks to meet A.S.M.E. requirements. Wessels Standard Tanks are designed for specific working pressures with an adequate factor of safety, and each tank is tested under strict supervision.

LININGS AND PAINTING:

Wessels Hydro-Pneumatic Tanks are furnished painted with one external coat of shop paint, Hot Dipped Galvanized inside and out, Glass-Lined or Epoxy Lined.

TANK SADDLES AND BASE RINGS:

Wessels Tank Saddles for horizontal tanks and Base Rings for vertical tanks are of a heavy duty design and are fabricated using heavy steel plate.

All tank saddles are shipped separate from tank and may be furnished with or without threaded openings for pipe legs.

All Base Rings are securely welded to bottom head of tank forming a rigid support.

Other supports, as specified, may be furnished on request.

Manufactured by:

SINCE 1908
wessels
company

101 TANK STREET • GREENWOOD, IN 46143
TEL: 317-888-9800 • 317-888-9988

DISTRIBUTED BY: