



**KPS Industries**

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[www.kpsindustry.in](http://www.kpsindustry.in) | [www.kpsindustry.com](http://www.kpsindustry.com)



KPS Industries is an ISO 9001:2015 certified organization with best quality products and services. We manufacture Liquid storage Tanks for OEM and have emerged ourselves as turnkey service provider. We have various products i.e. Customized Zincalume Bolted Steel Tanks, Aeration Tanks, DM Water Tanks, Fire Hydrant Water Storage Tanks. Capacity of the tanks ranges from 10 KL to 3000 KL.

## Who we are:

KPS Industries is being run by young professionals having 8+ years of domain knowledge and have expertise in execution of more than 1000 projects in India and abroad. We have our own manufacturing facilities and R&D team lead by experienced engineers and technicians where they take utmost care of quality of the products and ensure delivery deadlines met.

## We Manufacture:

1. Zinalume Bolted Steel Tanks
2. PVC Liners for Ponds & Reservoir
3. Tube settlers & Bar Screen Chambers
4. Fire Hydrant System
5. Oil Tank pad's PVC Liner

## Compliance:

- A. Indian Standards
- B. Australian Standards



## Why KPS Tanks:

- I. **Zincalume Steels:** Zincalume steel is produced by the advanced technology which makes our tanks more durable due to its non-corrosive property and enhanced strength. It is up to four times superior than Galvanized steel as it has coating of AZ150 which consists of 43.5% Zinc, 55 % Aluminium and 1.5% of Silicon. Tank's shell is made of corrugated sheets and stiffened by W-profiled stiffeners as per design.
- II. **Liner:** We offer a range of liner technologies according to the applications. Our reinforced liners which are both side PVC coated has capacity to take pressure of 2 Kg/cm<sup>2</sup> and are suitable for pH 4 to 9. It is thermo-welded by specialized Leister make machine. It is anti-algae, UV stabilized, food grade and non-reactive in nature.
- III. **Relocation :** It can be relocated, dis-assembled and its volume can be increased or decreased by altering its height in later stage.
- IV. **Customization :** These tanks are light weight, easily transportable, maintenance free and customizable as per environment and terrain.
- V. **Roof Safety :** It has self supported dome roof and is equipped with ventilators, circumference railing and roof access as per safety standards.
- VI. **Design Life :** Designed life is 30+ years.
- VII. **Shape :** It is available in cylindrical shape, but can be customized in cuboids and cube shape.
- VIII. **Colors :** It comes in various aesthetics colors like cottage green, Toba Blue, off white etc.

## Comparison Between Various Types of Tanks

Parameters	KPS Tanks	MS Tank	RCC Tank	SS Tank	PVC Tank
Cost (INR/ Litre)	2.00 to 9.00	3.00 to 13.00	5.00 to 15.00	16.00 to 35.00	3.00 to 12.00
Maintenance	Negligible	High	Moderate	Negligible	Moderate
Food Grade	Yes	No	No	Yes	Yes
Algae formation	No	Yes	Yes	No	Yes
Corrosion	No	Yes	NA	No	No
Relocation	Easy	Difficult	Not Possible	Difficult	Easy
Weight	Light	Heavy	Very Heavy	Heavy	Light
Expandable	Yes	No	No	No	No
Heat Absorption	Negligible	High	Moderate	High	High
If painting/coating required	No	Yes	Yes	No	No
Designed Life	30-40 Yrs	7-12 Yrs	30-80 Yrs	60-75 Yrs	5-10 Yrs

# Volume Chart

MODEL		ZT01	ZT02	ZT03	ZT04	ZT05	ZT06	ZT07	ZT08	ZT09	ZT10	ZT11	ZT12	ZT13
No. of rings	Dia→/Wall Height↓	2.00	2.77	3.69	4.61	5.53	6.46	7.38	8.31	9.23	10.15	11.08	12	12.92
R1	1.12	3.51	6.75	11.98	18.69	26.90	36.71	47.91	60.74	74.94	90.62	107.99	126.70	146.80
R2	2.10	6.59	12.66	22.46	35.05	50.44	68.83	89.83	113.90	140.51	169.90	202.48	237.50	275.30
R3	3.20	10.04	19.26	34.22	53.41	76.86	104.88	136.88	173.60	214.11	258.90	308.55	361.90	419.50
R4	4.20		25.31	44.92	70.10	100.88	137.66	179.66	227.80	281.02	339.80	404.97	475.00	550.60
R5	5.30			56.68	88.46	127.30	173.71	226.71	287.50	354.62	428.80	511.03	599.40	694.90
R6	6.30			67.37	105.16	151.31	206.49	269.49	341.70	421.54	509.80	607.45	712.50	826.00
R7	7.40				123.52	177.73	242.54	316.54	401.40	495.14	598.80	713.51	836.90	970.20
R8	8.40					201.75	275.32	359.32	455.60	562.05	679.70	809.93	950.00	1101.00
R9	9.50					228.17	311.37	406.37	515.30	635.65	768.70	915.99	1074.00	1245.00
R10	10.50						344.15	449.15	569.50	702.56	849.60	1012.40	1188.00	1377.00

MODEL		ZT14	ZT15	ZT16	ZT17	ZT18	ZT19	ZT20	ZT21	ZT22	ZT23	ZT24	ZT25	ZT26
No. of rings	Dia→/Wall Height↓	13.84	14.77	15.69	16.61	17.54	18.46	19.38	20.31	20.86	21.77	22.68	23.58	24.49
R1	1.12	168.49	191.90	216.55	242.69	270.62	299.76	330.38	362.90	382.77	416.90	452.47	489.10	527.60
R2	2.08	315.92	359.80	406.03	455.04	507.42	562.05	619.46	680.30	717.69	781.70	848.39	917.10	989.20
R3	3.20	481.41	548.30	618.71	693.39	773.21	856.45	943.95	1037.00	1093.60	1191.00	1292.80	1397.00	1507.00
R4	4.20	631.85	719.60	812.05	910.08	1014.80	1124.10	1238.93	1361.00	1435.40	1563.00	1696.80	1834.00	1978.00
R5	5.30	797.33	908.10	1024.74	1148.43	1280.60	1418.50	1563.41	1717.00	1811.30	1973.00	2141.20	2314.00	2497.00
R6	6.30	947.77	1079.00	1218.08	1365.12	1522.30	1686.10	1858.39	2041.00	2153.10	2345.00	2545.20	2751.00	2968.00
R7	7.40	1113.30	1268.00	1430.76	1603.47	1788.10	1980.60	2182.88	2397.00	2529.00	2754.00	2989.60	3232.00	3486.00
R8	8.40	1263.70	1439.00	1624.11	1820.16	2029.70	2248.20	2477.86	2721.00	2870.80	3127.00	3393.60	3668.00	3957.00
R9	9.50	1429.20	1628.00	1836.79	2058.51	2295.50	2542.60	2802.34	3078.99	3246.70	3536.00	3838.00	4149.00	4475.00
R10	10.50	1579.60	1799.00	2030.14	2275.19	2537.10	2810.20	3097.32	3402.00	3588.50	3908.00	4242.00	4585.00	4946.00

\*Shaded volumes at extreme right bottom are subject to special design of tanks.

Note: All capacities are in KL/ M3 & considered Density - 1.0Kg/M3

**Method of choosing required capacity of tank:  
If the required capacity of tank is 50 KL, following are the options:**

Capacity (M <sup>3</sup> /KL)	Dia (Mtr)	Height(Mtr)	Model
53.41	4.61	3.20	ZT04R3
56.68	3.69	5.30	ZT03R5

**Our Other Products**



Tank Pad Lining



RCC Tank Lining



Pond Lining

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