



**UPDATED**  
for  
**2000**

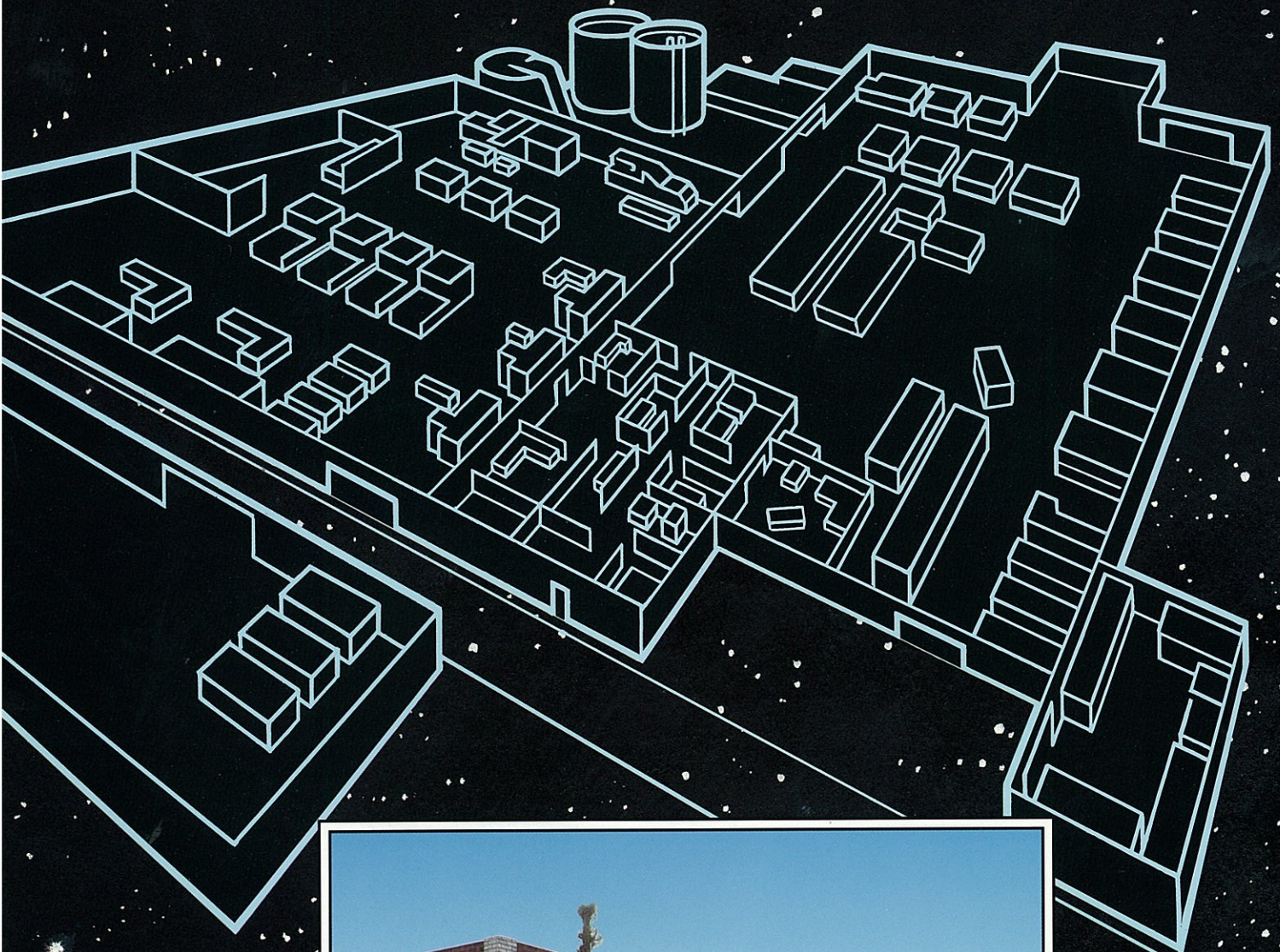


**PARK INTERNATIONAL**



## **PARK INTERNATIONAL CORP.**

Over 150,000 sq. ft. of manufacturing facilities  
dedicated to the efficient production of today's most advanced  
pressure vessels for water treatment.

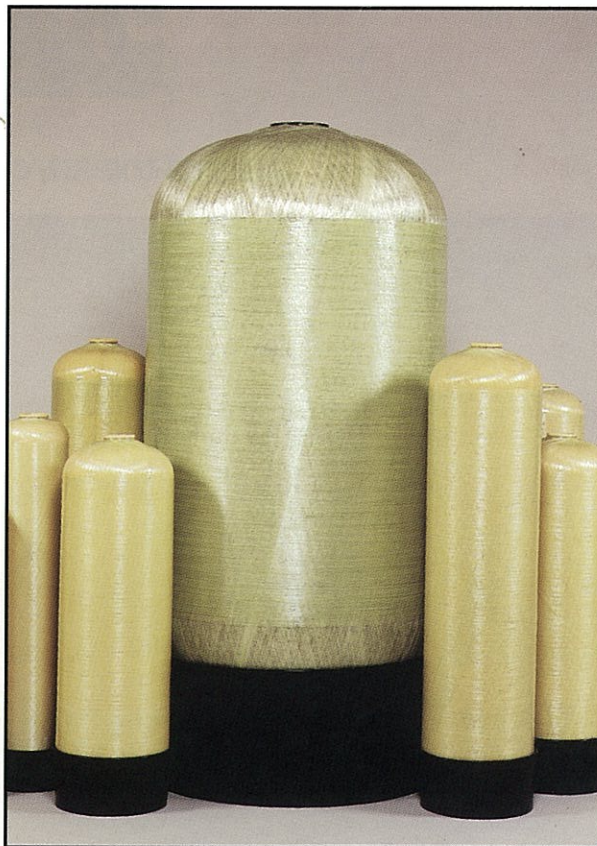






**PARK** pressure vessels are a true composite...a blow-molded seamless liner of non-permeable thermoplastic ...overwound with miles of epoxy/fiberglass laminate for top strength and performance with all industry approvals.

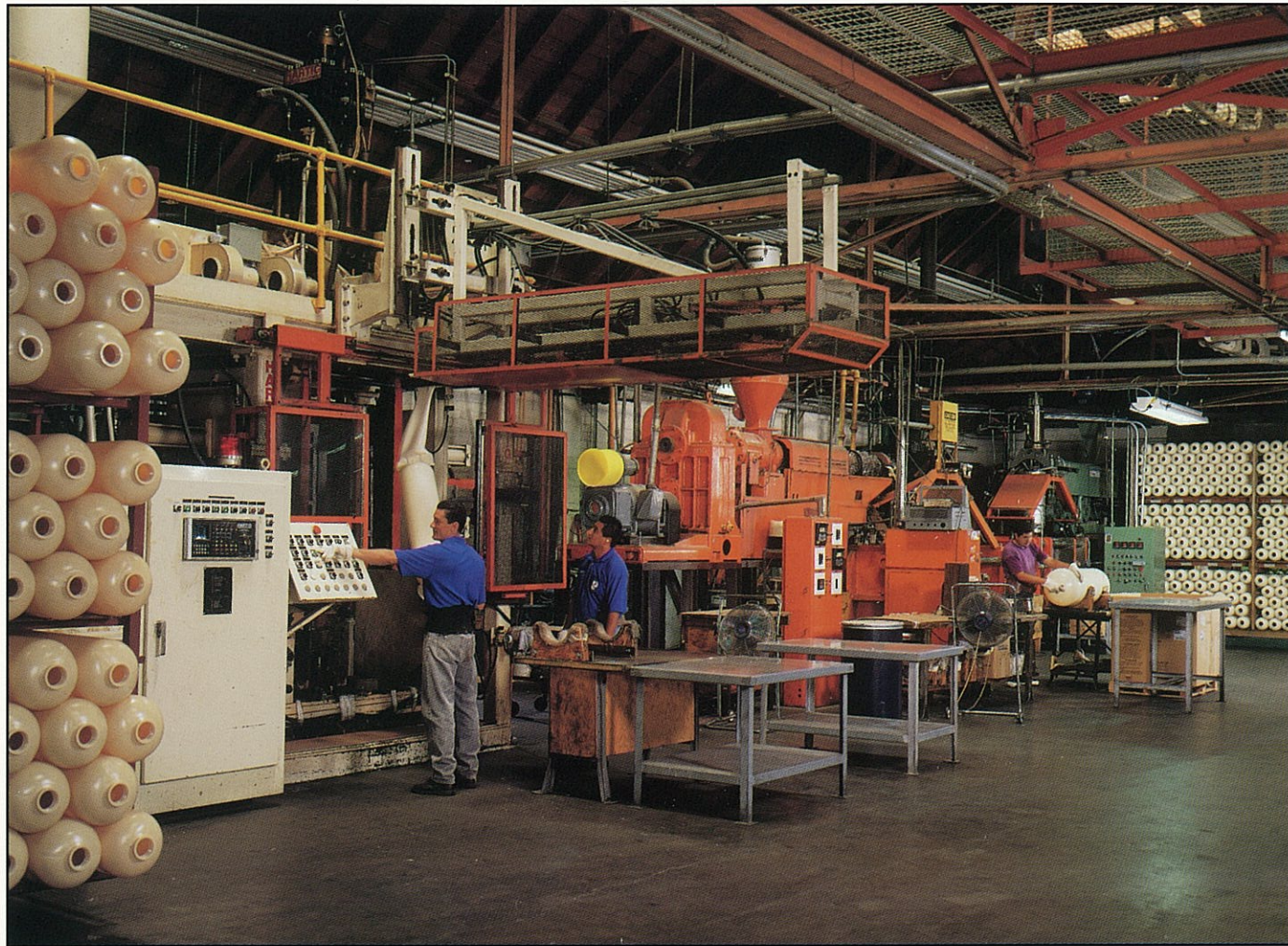
In the larger commercial and industrial sizes, tanks are constructed with all fiberglass liners.



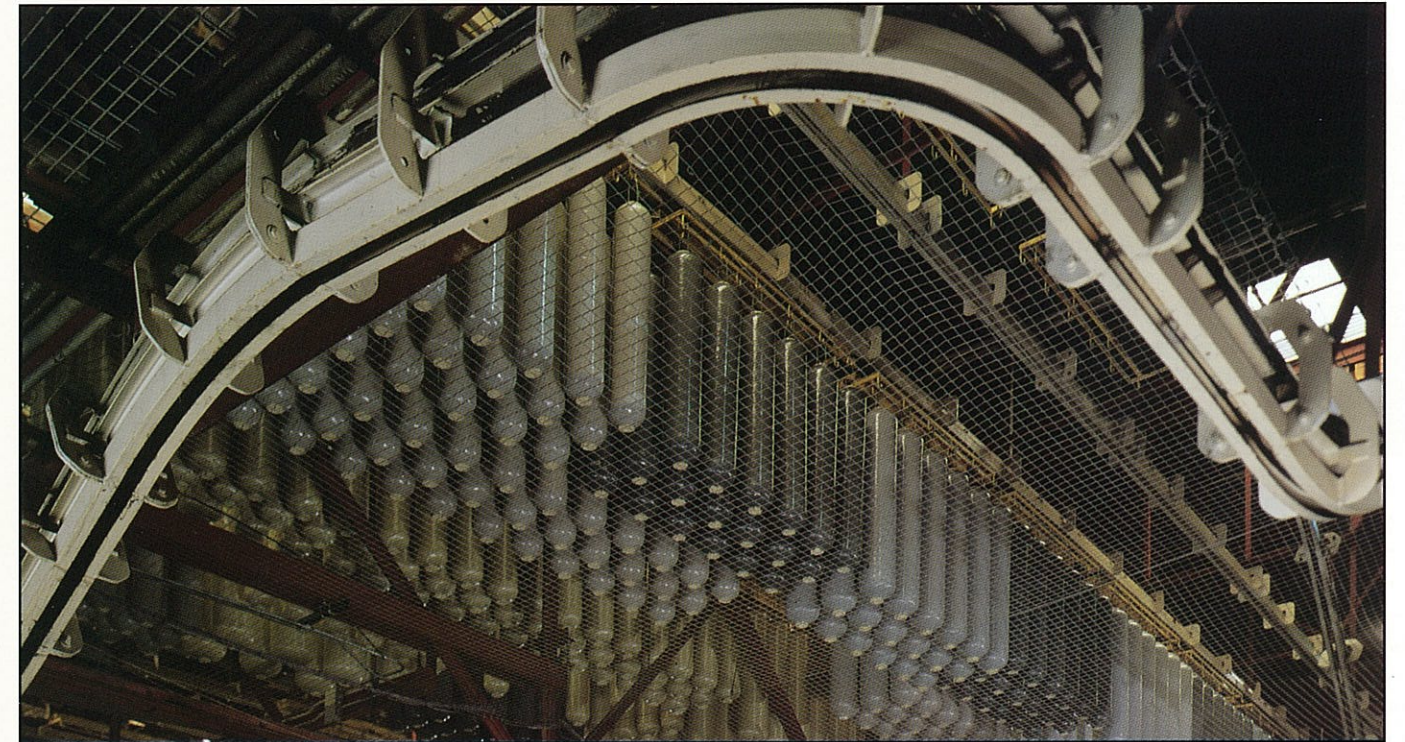


# AUTOMATED MANUFACTURING

State-of-the-Art, computer controlled production and materials handling equipment assures quality and efficiency from production through shipping.



Automated blow molding machines, computer controlled, together with programmed filament winding machines guarantee consistent PARK quality.



**PARK CONVEYOR SYSTEM** takes tanks from winding station – through curing tunnel – to overhead storage. Coded tank racks are then delivered to shipping on demand.



# THE PARK TANK

**Residential, Portable Exchange and Light Commercial**  
**6" through 22" diameter—.18 through 11.2 cu. ft. capacity**  
**for Softening, Filtration, De-ionization**

## **Seamless, One-Piece Tank Liner**

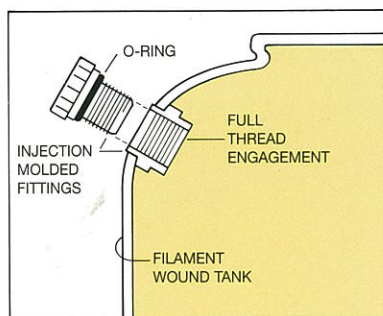
Blow molded from engineering grade thermoplastic.

- Smooth, fiber-free inner surface with wide chemical resistance
- Liner materials in compliance with FDA under 21CFR – Part 177.
- Not affected by regenerating chemicals (Acid-Caustic) or DI water

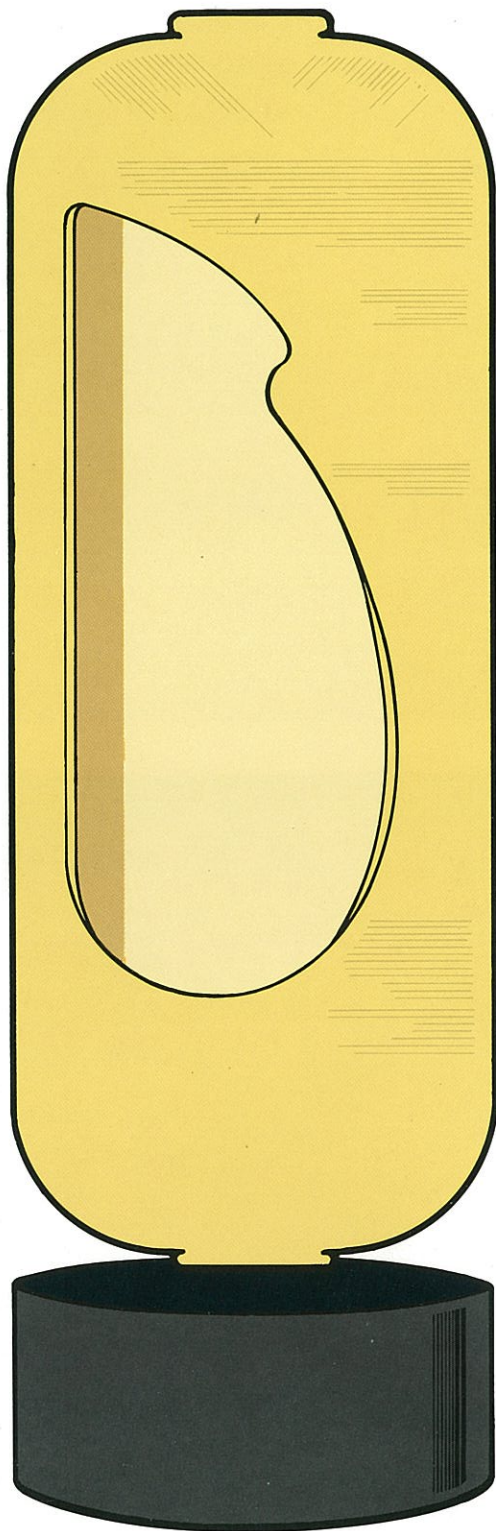
## **Precision Injection Molded Threads**

For all standard industry valves and fittings.

## **Dome Hole Option**



- Available 8" through 20" diameter tanks
- Injection molded ABS fitting provides 1" opening with full internal threads
- Fillcap features O-ring seal straight thread no taped thread binding on tank wall
  - Flexible factory installation for valve or manifold clearance



## **Tough Outer Laminate Filament Wound**

Continuous strands of fiberglass with high strength epoxy resin.

- Completely rust and corrosion free.
- Excellent impact and abrasion resistance

## **Industry Approved**

Approved by NSF, UL and meets the requirements of WQA Standard S-100

Rated for 150 psi operating pressure at 120°F.

## **Testing**

Testing of **PARK** pressure vessels is performed to all industry standards, assuring top field performance.

## **STANDARD BASES**

For Tanks 6" through 14" Diameter  
**Plastic – Injection Molded**

For Tanks 16" Diameter  
**Rubber – Compression Molded**

For Tanks 20" and 22" Diameter  
**Fiberglass – Compression Molded**

## **OPTIONAL BASES**

For Tanks 8"-9"-10"-12"-13" & 14"  
**Rubber-Compression Molded**

## **Extended Bases**

(For Double Entry Tanks)  
Available for Tanks 10"-12"-14"-16"-20" & 22" fiberglass



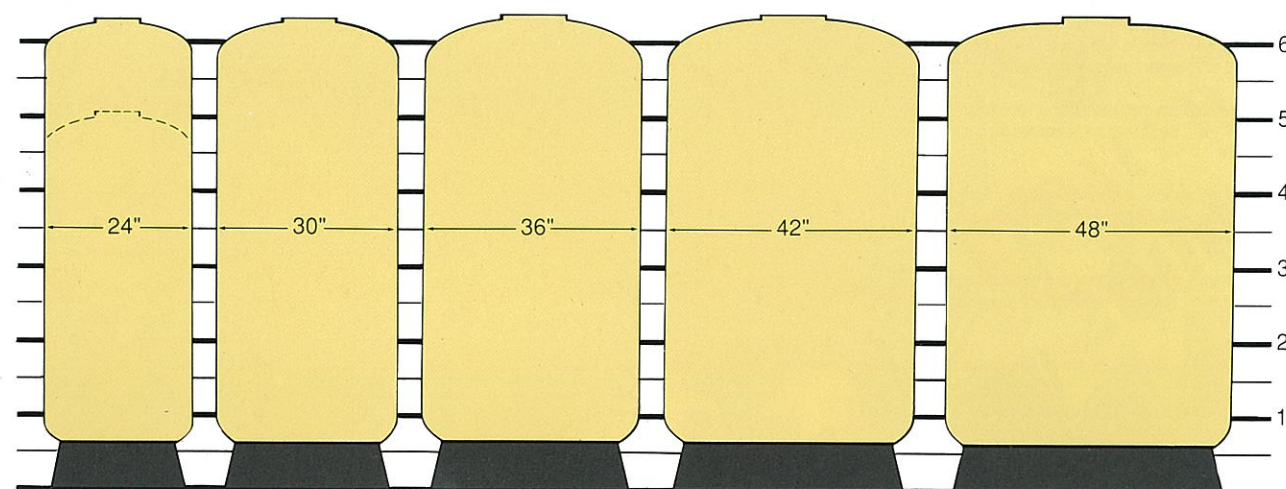
# LARGE CAPACITY TANKS

## For Commercial & Industrial Applications

24"-30"-36"-42" & 48" (13.8 to 62.0 cu. ft. capacity)

Durable, Rust and Corrosion-Proof Pressure Vessels—All Fiberglass  
Light—Strong with Wide Chemical Resistance

- **PARK** exclusive vinylester interior — fiber-free and suitable for all standard water treatment applications, including deionization.
- **PARK** filament wound epoxy/fiberglass outer laminate for top strength and performance.
- Precision injection molded threads or filament wound fiberglass flange for standard valves and connections.
- Tough and sturdy fiberglass bases installed on all models.
- Rated for 150 psi operating pressure at 120°F.



### Tank Connections

Available for tanks with top openings or top and bottom openings.

4"-8 UN

4½" Buttress

6"-8 UN

6" Flange\*

PRODUCT NO.	"A" DIA.	"B" LENGTH	"C"	CAPACITY	
				CU. FT.	GALS.
RT-2460	24.6	60.4	62.4	13.8	103.20
RT-2471	24.6	71.4	73.6	15.8	118.5
RT-3072	30.9	71.4	80.6	25.6	191.3
RT-3672	31.7	72.0	81.2	37.6	281.0
RT-4272	41.5	72.2	86.0	46.5	348.00
RT-4872	48.0	72.2	86.0	62.0	464.0

(Extended bases standard on 30", 36", 42" & 48" tanks)

\*Flange models with top and bottom openings has an increased height ("C" measurement). Product number RT-2460 height is 73.4", RT-2471 height is 84.5", RT-3072 height is 84.1" and RT-3672 height is 84.7"

### To Complete Your Commercial & Industrial Assembly

**PARK** offers precision distribution systems— injection molded in engineering grade plastics for easy, reliable assembly and top field performance.

### For Tank Adapters—Bushings—Closures—Hub & Laterals

(See our "FITTINGS & ACCESSORIES" Catalog)

## CHEMICAL RESISTANCE

The Park pressure vessel design includes an inner liner that is reinforced by an exterior epoxy/glass roving matrix. The liners used provide a reliable barrier to chemical corrosion and will have slightly different properties based on the ratings below. All liner materials meet FDA standards for potable water. Use these ratings as a guide only. Actual performance will depend on concentrations, temperature and solution chemistry. If no rating is shown, data is not available.

**Comparative ratings:** 1 - excellent; 2 - very good; 3 - fair; 4 - poor. It is not recommended that an application be considered with a rating of 3 or 4.

Chemical Description	ABS	Polyethylene	Vinylester
Acetic acid - glacial	4	3	4
Acetic acid - 50%	1	2	1
Acetone	4	2	4
Aluminum Chloride	1	1	1
Ammonia 20C	2	1	2
Ammonium Hydroxide 30%	2	1	1
Arsenic 20C	—	1	1
Benzene 20C	4	4	4
Bleach 12% Cl 2	4	3	2
Bromine Water	4	2	2
Butyric acid	4	—	1
Calcium Carbonate	1	1	1
Carbonic Acid	1	1	1
Chlorine-water	2	2	1
Chlorine-wet	4	3	—
Chromic Acid 20%	3	1	4
Copper Sulfate	1	1	1
Dow 200 silicone	1	1	1
Ethylene chloride	4	—	4
Ferric Chloride	1	1	1
Fluorine	4	3	—
Iodine (crystals)	4	4	—
Isopropyl alcohol 50%	3	2	1
Hydrochloric Acid 25%	1	1	1
Hydrofluoric Acid 20%	2	1	1
Hydrogen Peroxide	2	1	1
Lime Chloride	2	1	—
Magnesium Salts	2	1	1
Methyl Chloride	4	2	4
Nitric Acid 25%	3	4	1
Ozone (50ppm)	2	2	—
Petroleum jelly	4	1	—
Photographic Solutions	2	1	—
Plating Solutions	2	2	—
Potassium Carbonate	1	1	1
Potassium Chloride 25%	1	—	1
Potassium Sulfate	2	1	1
Sodium Bicarbonate	1	1	1
Sodium Carbonate	1	1	1
Sodium Chloride	1	1	1
Sodium Fluoride	1	1	1
Sodium Hydroxide	1	1	1
Sodium Sulfate	1	1	1
Sodium Sulfide	1	1	1
Sodium Sulfite	1	1	1
Sulfuric Acid 10%	2	2	1
Sulfuric Acid 20%	2	2	1
Sulfuric Acid 50%	2	1	1
Sulfuric Acid 97%	4	2	4
Toluene	4	4	4
Trichlorobenzene	4	3	4
Zinc Chloride	1	1	1
Zinc Sulfate	1	1	1



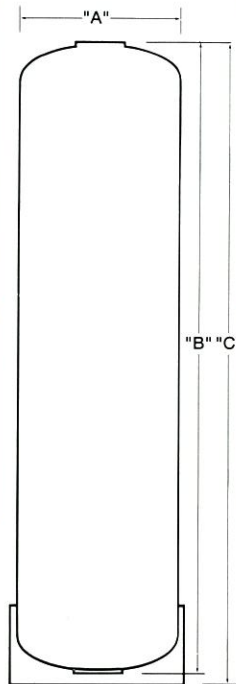
# PARK TANK SPECIFICATIONS

U.S. STANDARD

ABS TANK LINER 69 - 229. FRP TANK LINER 249 - 489.

METRIC

PRODUCT NO.	"A" DIA.	"B" HEIGHT W/O BASE	"C" HEIGHT W/BASE	CAPACITY		DOVE VOLUMES	
				CU. FT.	GALS.	CU. FT.	GALS.
RT-523	5.2	23.7	24.0	.22	1.67	.02	.15
RT-612	6.5	12.5	12.9	.18	1.35	.024	.18
RT-618	6.5	18.3	18.7	.27	2.02		
RT-629	6.5	29.0	29.3	.46	3.46		
RT-635	6.5	35.0	35.4	.60	4.49		
RT-724	7.6	23.9	24.3	.51	3.81		
RT-730	7.6	30.0	30.3	.65	4.86	.035	.26
RT-735	7.6	35.0	35.3	.80	5.98		
RT-740	7.6	40.0	40.3	.90	6.73		
RT-744	7.6	44.0	44.3	.96	7.18		
RT-817	8.4	16.8	17.1	.41	3.12		
RT-818	8.4	18.6	18.9	.47	3.52	.043	.32
RT-824	8.4	23.9	24.2	.64	4.78		
RT-830	8.4	29.8	30.0	.81	6.06		
RT-835	8.4	35.2	35.4	.98	7.33		
RT-840	8.4	38.8	40.0	1.10	8.23		
RT-844	8.4	43.6	43.8	1.25	9.35		
RT-917	9.2	16.9	17.4	.49	3.64		
RT-935	9.2	35.1	35.6	1.18	8.83		
RT-940	9.2	40.0	40.5	1.32	9.87	.059	.44
RT-942	9.2	42.1	42.6	1.41	10.55		
RT-948	9.2	48.0	48.5	1.55	11.59		
RT-1016	10.2	16.1	16.4	.55	4.1		
RT-1022	10.2	22.0	22.3	.78	5.82		
RT-1035	10.2	35.0	35.5	1.40	10.47	.079	.59
RT-1040	10.2	40.0	40.5	1.60	11.97		
RT-1044	10.2	44.1	45.0	1.75	13.1		
RT-1047	10.2	47.0	47.5	1.90	14.21		
RT-1054	10.2	53.9	54.4	2.20	16.46		
RT-1060	10.2	59.5	60.0	2.39	17.88		
RT-1236	12.8	35.4	35.8	2.19	16.38		
RT-1242	12.8	42.3	42.7	2.61	19.52		
RT-1248	12.8	48.0	48.3	3.00	22.4	.179	1.34
RT-1252	12.8	52.1	52.5	3.32	24.83		
RT-1354	13.1	54.0	54.8	3.60	26.93		
RT-1447	14.0	45.8	46.4	3.60	26.93	.240	1.80
RT-1465	14.0	64.0	64.3	5.03	37.62		
RT-1636	16.1	36.1	36.7	3.5	26.18	.354	2.65
RT-1653	16.1	53.6	54.2	5.45	40.74		
RT-1665	16.1	64.2	64.7	6.59	49.29		
RT-2062	20.0	61.5	63.9	9.73	72.77	.740	5.54
RT-2244	21.8	43.0	45.7	7.71	57.67	.944	7.06
RT-2254	21.8	53.0	55.7	9.68	72.40		
RT-2260	21.8	59.0	61.7	10.83	81.00		
RT-2460	24.6	60.4	62.4	13.8	103.20	1.63	12.22
RT-2471	24.6	71.4	73.6	15.8	118.5	2.79	20.85
RT-3062	30.9	61.4	70.6	21.1	157.6		
RT-3072	30.9	71.4	80.6	25.6	191.3		
RT-3672	37.1	72.0	81.2	37.6	281.0	4.65	34.75
RT-4262	41.5	62.2	76.0	38.7	289.6	5.93	44.34
RT-4272	41.5	72.2	86.0	46.5	348.00		
RT-4872	48.0	72.2	86.0	62.0	464.0	8.57	64.11



PRODUCT NO.	"A" DIA.	"B" HEIGHT W/O BASE	"C" HEIGHT W/BASE	CAPACITY IN LITRES	DOVE VOLUME LITRES
RT-523	132	602	620	6,3	0,57
RT-612	165	318	328	5,11	0,68
RT-618	165	465	475	7,65	
RT-629	165	724	742	13,1	
RT-635	165	889	899	16,99	
RT-724	193	607	617	14,42	
RT-730	193	762	770	18,4	1,00
RT-735	193	889	902	22,63	
RT-740	193	1016	1024	25,47	
RT-744	193	1118	1125	27,18	
RT-817	213	427	434	11,8	
RT-818	213	472	480	13,32	1,22
RT-824	213	607	612	18,1	
RT-830	213	757	762	22,94	
RT-835	213	894	899	27,74	
RT-840	213	986	1016	31,15	
RT-844	213	1107	1113	35,39	
RT-917	234	429	442	13,8	
RT-935	234	892	904	33,42	1,68
RT-940	234	1016	1029	37,36	
RT-942	234	1069	1074	39,93	
RT-948	234	1219	1232	43,87	
RT-1016	259	409	416	15,5	
RT-1022	259	558	566	22,0	2,22
RT-1035	259	889	902	39,63	
RT-1040	259	1016	1029	45,31	
RT-1044	259	1120	1143	49,58	
RT-1047	259	1194	1207	53,78	
RT-1054	259	1369	1382	62,30	
RT-1060	259	1511	1524	67,68	
RT-1236	325	899	909	62,00	5,08
RT-1242	325	1074	1085	73,88	
RT-1248	325	1219	1227	84,7	
RT-1252	325	1323	1334	93,98	5,81
RT-1354	333	1372	1392	101,93	
RT-1447	356	1163	1179	101,93	
RT-1465	356	1626	1633	142,39	6,80
RT-1636	409	917	932	99,2	
RT-1653	409	1362	1377	154,4	
RT-1665	409	1631	1643	186,56	10,02
RT-2062	508	1562	1623	275,43	
RT-2244	554	1092	1161	218,28	20,95
RT-2254	554	1346	1415	274,03	
RT-2260	554	1499	1567	306,59	
RT-2460	625	1534	1585	390,6	26,71
RT-2471	625	1814	1869	448,5	
RT-3062	785	1560	1793	596,0	
RT-3072	785	1814	2047	724,1	46,26
RT-3672	942	1829	2062	1063,6	
RT-4262	1054	1580	1930	1096,0	78,92
RT-4272	1054	1834	2184	1317,2	
RT-4872	1219	1834	2184	1756,2	

Dimensions in inches

Tanks 6" through 10" available in 2-1/2" thread only  
 Tanks 12" - 13" and 14" also available in 2-1/2" thread  
 Tanks 12" through 22" available in 4" or 4-1/2" threads  
 See inside cover for threads and connections  
 available in 24" - 30" - 36" - 42" and 48" tanks

Dimensions in mm





# SHIPPING INFORMATION

## TANKS WITH STANDARD BASES

### LIMITED WARRANTY

Each pressure vessel manufactured by Park International is covered by a limited warranty. Park pressure vessels are designed for use in water treatment applications only. Hydropneumatic or pneumatic use is not approved. Applications other than those listed below must be approved in writing for warranty coverage to apply.

- For permanently installed residential installations all Park tanks from 5" - 13" in diameter are warranted to be free from manufacturing defects for a period of 10 years from date of manufacture.
- For permanently installed commercial/industrial applications and tank diameters 14" - 48", Park tanks are warranted for 5 years from date of manufacture.
- For non-permanent installations: the above warranty does not apply. Specific warranty terms must be obtained by Park in writing prior to installation or usage.
- For tank designs utilizing a vinylester liner and installed for conventional deionization, the warranty period is 2 years from date of manufacture.

Warranty replacement is specifically excluded for tank failure due to the following:

- Liner abrasion caused by faulty distribution systems
- Freezing or exposure to storage temperatures below -10 degrees fahrenheit
- External damage due to impact, corrosive liquids or gases
- Vacuum or water hammer conditions
- Exposure of plastic surfaces to incompatible lubricants or sealants

Any such vessel that fails within the warranty period will be replaced without charge providing the operating conditions conform to performance limitations as shown on each tank label. This warranty does not include reimbursement for labor or consequential damages and is subject to a return authorization procedure. Cost of returning tanks for evaluation and replacement is not included.



### PARK INTERNATIONAL CORP.

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E-MAIL: parkint@worldnet.att.net  
WEBSITE: www.parktank.com

Product Number	No. Tanks per Carton	Weight-Lbs. per Carton	Cubic Feet per Carton
RT 523	9	31.4	6.1
RT 612	15	50.6	6.9
RT 618	10	47.6	6.7
RT 629	5	28.1	5.6
RT 635	5	35.6	6.4
RT 724	8	47.3	3.7
RT 730	4	25.7	4.6
RT 735	4	33.3	5.3
RT 740	4	36.1	5.7
RT 744	4	38.9	6.3
RT 818	8	48.0	6.7
RT 824	4	28.8	4.7
RT 830	4	34.8	5.5
RT 835	4	39.6	6.8
RT 840	4	43.2	7.3
RT 844	4	47.6	8.5
RT 917	8	44.0	7.5
RT 935	4	44.2	7.5
RT 940	4	47.8	8.6
RT 942	4	51.0	9.0
RT 948	4	52.6	10.2
RT 1016	8	36.8	9.7
RT 1022	8	61.6	11.5
RT 1035	4	51.6	9.2
RT 1040	4	54.0	10.5
RT 1044	4	61.1	11.5
RT 1047	4	62.3	12.3
RT 1054	4	69.5	14.0
RT 1060	4	83.5	15.6
RT 1236	1	20.6	4.3
RT 1242	1	21.8	5.0
RT 1248	1	24.2	5.7
RT 1252	1	26.0	6.1
RT 1354	1	27.7	6.4
RT 1447	1	31.8	6.4
RT 1465	1	44.6	9.9
RT 1636	1	41.3	6.4
RT 1653	1	52.3	9.2
RT 1665	1	67.9	12.6
RT 2062	1	69.8	19.0
RT 2244	1	59.4	15.2
RT 2254	1	67.9	18.4
RT 2260	1	70.1	20.0
RT 2460	1	128.1	29.1
RT 2471	1	149.1	34.2
RT 3072	1	205.8	51.1
RT 3672	1	254.0	71.3
RT 4272	1	317.1	92.0
RT 4872	1	470.0	137.0