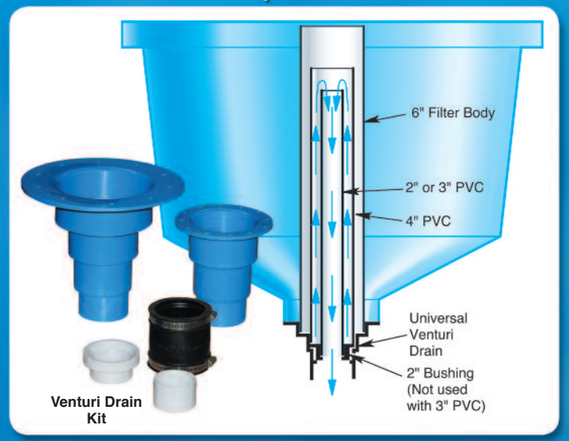
Drain Kits

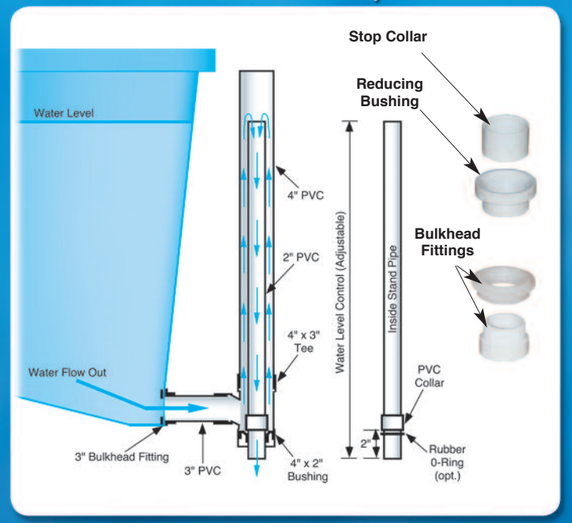
Center Stand Pipe Kit – 3" Venturi



The Venturi Kit consists of our exclusively-designed drain, a 3"x2" bushing, a stop collar for the center pipe, and a rubber boot w/clamps to attach the drain pipe. All other components may be purchased from any hardware supplier. The drain may be used with a 2" inside center stand pipe with 4" pipe around it; or a 3" inside center stand pipe with 4" pipe around it for maximum lift.

- 2 Sizes available: a 2"x4" and a 2"x4"x6"; the 6" is used with a screened tube when you first start out with very small fish.
- The 6" screen body can be easily changed as fish grow.
- Universal fitting for many round tanks.
- Bolts on to the outside bottom of the tank for unobstructed drainage.

Outside Stand Pipe Kit



The Outside Drain Kit consists of a PVC T, a custom-made reducing bushing, a stop collar, and a bulkhead fitting. All other components may be purchased from any hardware supplier.

- Two sizes available: 4"x3" and 3"x2"
- Water level adjusts from outside of tank.
- This outside the tank set-up performs very well where no obstruction is wanted inside the tank.

Bulkhead sizes available: 1", 1.5", 2", 3", 4"

Limited Warranty

We warranty each product to be free from defects in material and workmanship for a period of one year from date of purchase. We make no other express warranties, and all implied warranties including fitness, are limited to one year from date of purchase. Within warranty period, we will repair or replace any part found to be defective upon our examination, but we will not pay shipping cost or other expenses. To obtain warranty, write us at Polytank, Inc., 62824 250th Street, Litchfield, MN 55355 or call 800-328-7659. Merchandise may be returned, but must have shipping prepaid and will be return shipped collect.

This warranty shall not apply to any product that has been subject to misuse, negligence or accident, or damage in shipment, or misapplied, or which has been modified or repaired by unauthorized persons. This warranty only applies to products owned by persons purchasing directly from us or from our approved distributors and merchandisers.

Note: Limitations on duration of implied warranty and/or consequential damage may not apply to you if your state does not permit them.

This warranty gives you specific legal rights in addition to rights which you may have under state law.

Polytank

62824 250th Street, Litchfield, MN 55355 • 1.800.328.POLY • www.polytankco.com

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Aquaculture Tanks

Catalog

Polytank

Round, Flat-Bottom, 'Nestable' Tanks

The Polytank Company

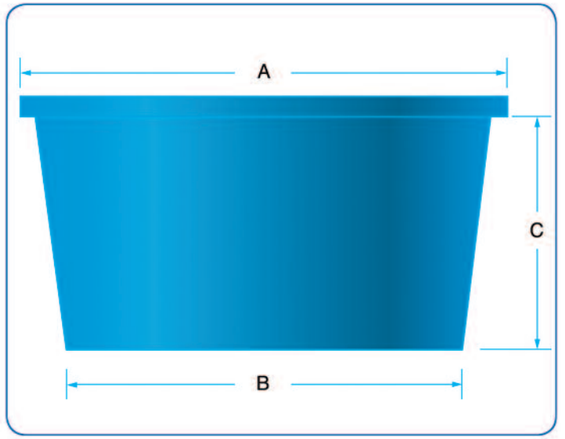
Nearly 40 years of experience.

Owner, Dick Johanneck, started Polytank, Inc. in 1972 doing custom rotomoulding. In 1977, he began making calf hutches which became known as Poly Dome Calf Nurseries. The agricultural products division of Polytank was later named PolyDome. Since that time, Polytank and PolyDome have added over 200 products to their line. Polytank has dealers across the United States, Canada and 10 foreign countries.

The rotomoulding process uses hollow metal moulds and a powdered polyethylene plastic that becomes liquid under high heat. The moulds with the liquid plastic inside are spun on both vertical and horizontal axis to form a uniform thickness, or skin on the outside walls, thus the name rotomoulding. the mould is removed from head and allowed to cool under controlled conditions to avoid shrinkage or warpage. The resulting polyethylene plastic is resistant to impact, most corrosive chemicals and temperature extremes. The slippery surface makes it very easy to clean. Polyethylene is also environmentally friendly because it can be recycled.

Most Polytank products are one-piece with no seams or sharp edges. The lightweight of polyethylene makes even large units easy to lift and move.

PolyDome has their own metal fabricating shop from frames, stands, and supports used with their aquacultural products. All metal parts are powder coated for corrosion resistance.



Round Flat Bottom Nestable Tanks

Part #	A	B	C	Gallons	Bottom
PT-4822	48"	40"	22"	125	Flat
PT-4825	48"	39"	25"	150	Rd. Sump
PT-5228	52"	44"	28"	180	Sq. Sump
PT-5430	54"	41"	30"	200	Flat
PT-6530	65"	53"	30"	300	Flat
PT-9016	90"	80"	16"	300	Semi-Flat
PT-8030	80"	67"	30"	500	Flat
PT-9038	90"	76"	38"	800	Flat
PT-9650	96"	76"	50"	1200	Flat

Features:

- Flat bottoms (requiring no special support stands)
- All are nestable (for economical shipping rates)
- Maintenance free
- Easy to clean
- Fast set-up time
- Portable

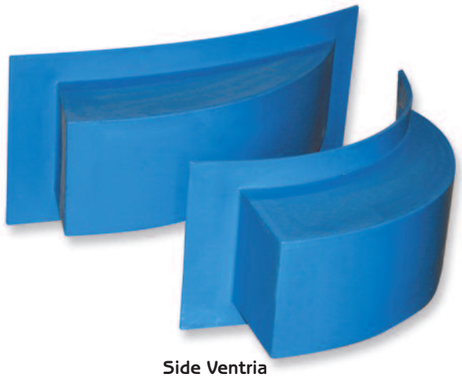
We wish to thank Koi Acres, Scandia, MN for allowing us to use photos of their koi and tank set-ups.

This photo shows a large aquaculture set-up using Polytank Semi-Square tanks with Outside Stand Pipe drains.

Sump and Ventria Attachments

Round Sump
The Round Sump can be bolted on the flat bottom tanks.

Square Sump
The Square Sump can be bolted on the flat bottom tanks.

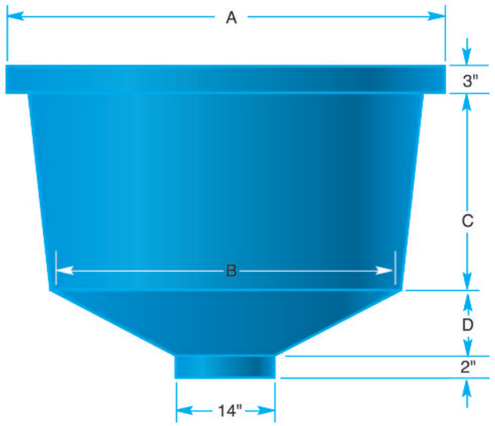


Side Ventria
Side Ventria will fit PT-302 – PT-308 and CB-6028 – CB-9660

Round, Conical-Bottom, 'Nestable' Tanks

These tanks have all the benefits of our flat-bottom tanks with the advantage of a conical bottom. A 20° cone-bottom forces high solids to be removed from the bottom continuously. This allows for our tanks to be self-cleaning for months at a time.

Part#	A	B	C	D	Gallons
CB-6028	60"	50"	28"	10"	250
CB-7530	75'	65"	30"	13"	450
CB-8530	85"	75"	30"	14"	650
CB-9636	96"	84"	36"	17"	950
CB-10260	102"	80"	60"	10"	1500



The stands built by **Polytank** are made of heavy gauge steel and are sprayed with a baked-on Powder Coat Paint for a durable long-lasting finish. These stands are very durable and value-priced.

There is 12" of clearance below the bottom of the cone on all conical bottom tanks in our stands.

Forklift Container

Feed Carts

14 Bushel

20 Bushel

12 Bushel

7 Bushel

15 Bushel Feed Cart

Specifications

	Model 7	Model 12	Model 14	Model 15	Model 20
Bushel Capacity	7	12	14	15	20
Outside Dimensions	44"x24"	50"x30"	56"x32"	56.5"x29.5"	67"x33"
Depth of Hopper	24"	24"	24"	16.5"	24"
	When used with our wheel assembly				
No. of Wheels	4	4	4	4	4
Tires	8x2.50	10x3.50	10x3.50	10x3.50	10x3.50
Overall Height	36"	37"	37"	42"	37"
Load Rating	400 lbs.	500 lbs.	600 lbs.	600 lbs.	800 lbs.

Flat-Bottom, Cylindrical Tanks

At **Polytank** we make tanks for many different uses and a variety of needs. All our **Polytank** containers are made of a heavy-duty, chemical-resistant, polyethylene plastic which has a very smooth and slippery surface. Our flat-bottom, cylindrical tanks are round with straight side walls. They are completely self-supporting. We have many sizes to choose from, to fit every project or particular need you may have.

Covers are available for the tanks PT-200 – PT-242

See table for tank dimensions, Part #200-244.

Part No.	Gals.	Depth	Dia.	Thickness
PT-200	3qt.	7"	6"	3/16"
PT-202	3	13"	9"	3/16"
PT-204	3	13"	10"	3/16"
PT-206	4	12"	10"	3/16"
PT-210	6	20"	10"	3/16"
PT-212	8	15"	13"	3/16"
PT-214	10	19"	13"	3/16"
PT-216	15	21"	15"	3/16"
PT-218	25	24"	18"	3/16"
PT-220	30	32"	18"	3/16"
PT-222	34	36"	17"	3/16"
PT-224	52	30"	22"	3/16"
PT-226	55	34"	22"	3/16"

Part No.	Gals.	Depth	Dia.	Thickness
PT-228	80	48"	24"	1/4"
PT-229	110	32"	32"	1/4"
PT-229A	130	32"	36"	1/4"
PT-230	140	44"	32"	1/4"
PT-232	150	48"	30"	1/4"
PT-233	165	48"	32"	1/4"
PT-234	230	48"	38"	1/4"
PT-236	275	48"	42"	1/4"
PT-238	300	46"	44"	5/16"
PT-240	450	52"	52"	5/16"
PT-242	500	62"	52"	3/8"
PT-244	750	60"	60"	3/8"

Cone-Bottom, Cylindrical Tanks

These tanks have the same features as the flat-bottom tanks with an added bonus – the bottom is cone-shaped for total drainage. These tanks must be supported with some type of stand.

See table for tank dimensions, Part #300 – 316.

(Part #312 & 314 have a 15° cone bottom. Part #300 – 308 & 316 have a 45° cone bottom.)

Part No.	Gals.	Depth	Dia.	Height	Thickness	Bottom Angle
PT-300	15	16"	15"26"	3/16"	45°	
PT-302	30	27"	18"	38"	3/16"	45°
PT-304	55	31"	22"	44"	3/16"	45°
PT-306	80	38"	24"	52"	1/4"	45°
PT-308	120	42"	28"	58"	1/4"	45°
PT-312	250	40"	42"	47"	5/16"	15°
PT-314	500	57"	52"	62"	3/8"	15°
PT-316	500	48"	48"	72"	3/8"	45°

Square and Rectangular Tanks

These tanks, with our variety of sizes, make optimum use of available space. **Polytank** square and rectangular tanks are one-piece and molded of the finest polyethylene available. They are heavy-duty.

Threaded couplers may be added anywhere on these tanks from 1/2" – 3"s.

Part No.	Gals.	Length	Width	Depth
PT-500	6	3.5"	18"	24"
PT-502	3	4"	14"	14"
PT-504	5	4"	18"	18"
PT-506	12	4.5"	24"	30"
PT-508	16	4.5"	30"	28"
PT-510	10	5"	22"	22"
PT-512	2	6"	10"	10"
PT-514	4	6"	16"	11"
PT-516	11	6"	18"	24"
PT-518	4	6"	30"	6"
PT-520	37	8"	30"	36"
PT-522	23	8"	26"	26"
PT-524	21	10"	18"	27"
PT-526	7	12"	12"	12"
PT-528	11	12"	12"	18"
PT-530	22	12"	12"	36"
PT-532	11	12"	18"	12"
PT-534	16	12"	18"	18"
PT-536	22	12"	18"	24"
PT-538	33	12"	18"	36"
PT-540	37	12"	24"	30"
PT-542	24	12"	26"	18"
PT-544	18	12"	30"	12"
PT-546	37	12"	30"	24"
PT-548	46	12"	30"	30"
PT-550	27	13"	23"	21"
PT-552	31	13"	23"	24"
PT-554	46	13"	23"	36"
PT-556	6	14"	14"	8"
PT-558	37	14"	26"	24"
PT-560	40	14"	26"	26"
PT-562	52	14"	28"	31"
PT-564	48	14"	33"	24"
PT-566	28	15"	18"	24"
PT-568	58	15"	30"	30"

Part No.	Gals.	Length	Width	Depth
PT-570	62	15"	30"	32"
PT-572	17	16"	16"	16"
PT-574	8	16"	20"	6"
PT-576	22	16"	20"	16"
PT-578	22	16"	36"	9"
PT-579	105	16"	40"	38"
PT-580	33	18"	18"	24"
PT-582	33	18"	24"	18"
PT-584	44	18"	24"	24"
PT-586	56	18"	24"	30"
PT-588	67	18"	24"	36"
PT-590	N/A			
PT-592	24	18"	26"	12"
PT-594	46	18"	30"	20"
PT-596	67	18"	36"	30"
PT-598	84	18"	36"	30"
PT-600	52	20"	20"	30"
PT-602	49	20"	24"	24"
PT-604	74	20"	24"	36"
PT-606	51	20"	26"	23"
PT-608	50	22"	22"	24"
PT-610	75	22"	22"	36"
PT-612	44	24"	24"	18"
PT-614	59	24"	24"	24"
PT-616	89	24"	24"	36"
PT-618	75	24"	30"	24"
PT-620	93	24"	30"	30"
PT-622	N/A			
PT-624	89	24"	36"	24"
PT-626	58	30"	30"	15"
PT-628	140	30"	30"	36"
PT-630	150	30"	36"	32"
PT-632	162	36"	40"	26"
PT-634	180	33"	49"	24"

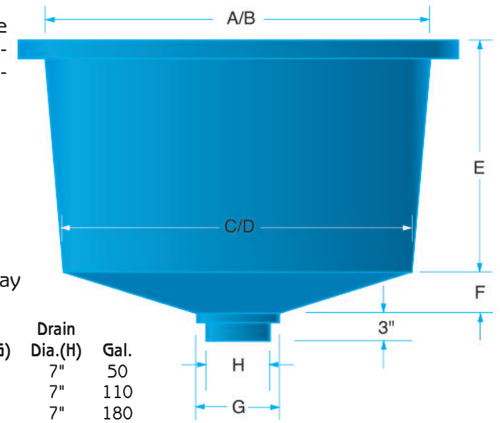
Semi-Square Tanks

The semi-square tanks are a great value and provide the most volume of water in a designated area. They are neatly contoured for self-cleaning. Ideal for use in High Schools and Colleges for 'hands-on' experience in culturing.

Advantages:
- Total tank drainage
- Very smooth surface
- Disinfects easily
- Quick and easy set-up
- Nestable for shipping

Ideal Uses:
- Laboratories
- Testing uses
- Aid in designing your own system
- Water treatment – de-chlorination

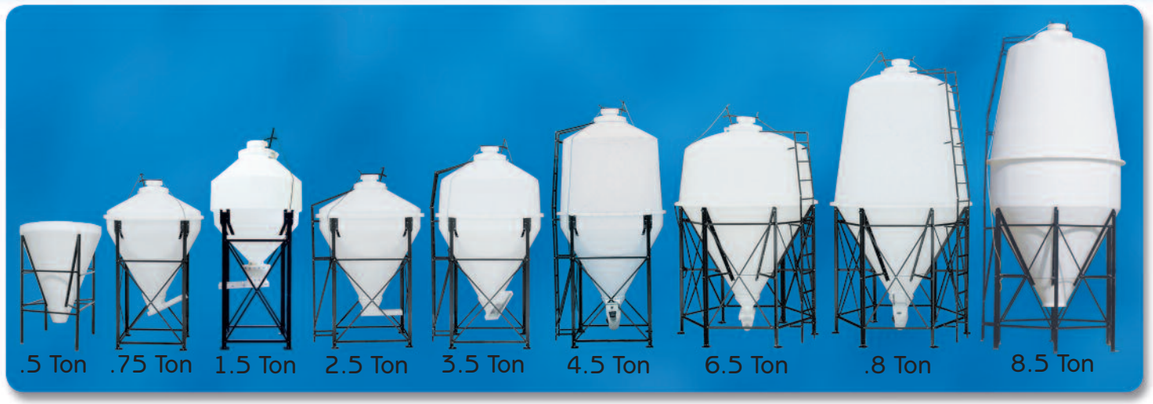
Colors available: Black, Marine Blue, Gray



Part #	Length(A)	Width(B)	Bottom(C/D)	Sidewall Depth(E)	Cone Depth(F)	Cover Insert(G)	Drain Dia.(H)	Gal.
SST-2618	26"	26"	22"	18"	4"	9"	7"	50
SST-3127	31"	31"	29"	27"	3"	9"	7"	110
SST-4222	42"	42"	38"	22"	4.5"	9"	7"	180
SST-6228	62"	62"	58"	28"	9"	13.5"	11.5"	450
Semi-Square Flat Bottom Tanks								
SSFB-2720	26"	26"	22"	20"	0	0	6"	50
SSFB-3226	31"	31"	28"	26"	0	0	7"	100
Semi-Square Flat Bottom Insert Tray								
SSIT-3012	30" x 30" Square Top, 22" Dia. Tub, 12" Deep							

Semi-Square Tank Stands

Bulk Bins



- Translucent polyethylene allows you to see material level
- Made from high-impact, UV stabilized polyethylene.
- Corrosion resistant
- Nestable for shipping
- Easy cleaning
- Slippery surface reduces bridging
- Large, vented filler cap with pull rope for ground access
- Heavy-Gauge steel support frame with baked-on polyester powder coat finish
- Variety of boot and slide valves available
- Sturdy outside ladder
- Available in 9 sizes: .5, .75, .8, 1.5, 2.5, 3.5, 4.5, 6.5 and 8.5 ton
- Fast, easy installation and set-up
- All mounting hardware included

PolyDome Bulk Bins are the perfect choice for handling granular materials. They are made of high-density polyethylene which will never rust or corrode. **PolyDome Bulk Bins** will always remain clean and attractive.

The interior surface of **PolyDome Bulk Bins** is very smooth to reduce bridging. Plus, since they are just 2-piece construction there are no rivets and seams to contend with. The translucent polyethylene allows you to visually check material line from the outside.

All **PolyDome Bulk Bins** have a 22" top opening with a hinged, vented filler cap and a pull rope that allows ground control for filling.

There are 3 different transition collars available for the slide valves– 90°, 45°, and 30° angles. The new style collar allows easier attachment to the bottom cone with little or no cutting necessary. Our slides feature a galvanized plate and guide system. Our auger boots will attach to any of our slide valves and handle 4" or 6" augers. The auger boots have a clean out access cover.

All **PolyDome Bulk Bins** have a 16" hole in the bottom cone. The .8 ton bin has 38" of ground clearance to the slide valve. The 1.5, 2.5, and 3.5 ton bins have 15" ground clearance under the slide valves. The 4.5, 6.5, and 8.5 ton bins have 14" ground clearance under the 90° slide valve; and 11" ground clearance under the 30° slide.

PolyDome Bulk Bins feature heavy-duty support frames with extra large secure plates for more holding power. They have flat strap cross bracing for increased stability. The .5 – 3.5 ton units come standard with 4 legs; the 4.5 thru 8.5 ton units have 6 legs. The legs have large support tabs which can be bolted to concrete for added stability especially on the larger units.

All **PolyDome Bulk Bins** have a sturdy ladder with slip guard. It is braced securely to the top of the tank near the filler cap.

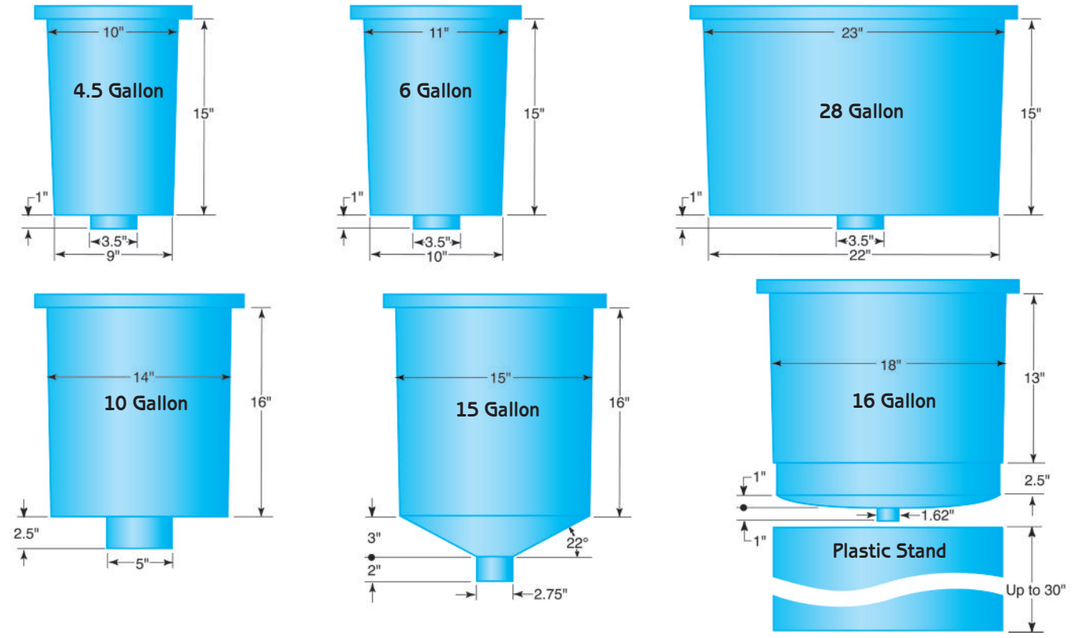
Frames have a baked-on polyester powder coat finish which resists corrosion.

Size Specification Chart

Ton Size	Cubic Feet	Bushel Capacity	Height	Diameter	Weight
.5	30	24	78"	52"	180
.75	47	37	9'	68"	300
.8	40	32	10'10"	50"	300
1.5	75	60	9'6"	74"	470
2.5	130	104	11'5"	74"	500
3.5	180	144	13'5"	74"	540
4.5	220	176	12'6"	96"	800
6.5	325	260	16'	96"	850
8.5	425	340	19'6"	96"	950

PolyDome Bulk Bins are designed to nest for shipping.

Specialty Tanks



Trays

Part No.	Width	Length	Depth	Gallons
PD-2028	3'	3'	7.5"	34
PD-2061	3'	4'	5.5"	34
PD-2029	3'	6'	3.5"	33
PD-2062	3'	6'	5.5"	52
PD-4268	3'-6"	5'-6"	8"	75
PD-4872	4'	6'	12"	150

PD-4902 56"x105" at top, 48"x96" at bottom, 3.5" lip around the top, 12" deep, 235 Gallons
PD-5503 55"x103" at top, 46"x93" at bottom, 3.5" lip around the top, 30" deep, 550 Gallons