



# On-Site Septic and Water Tanks

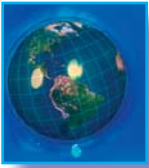


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# NuConSept ON-SITE TANKS

For many years, rotational molding has proven to be the ideal method of producing a seamless, one-piece tank that minimizes the risk of leaking. In addition, polyethylene, because of its excellent corrosion resistance and chemical compatibility is the ideal material for on-site applications. And when properly molded, polyethylene can readily endure the stresses imposed by installation and burial loads.



Snyder has developed two lines of polyethylene tanks for the on-site market. For both lines, we incorporated “new concepts” in engineering to further enhance the leak-proof properties of the tank and improve the structure to minimize the deformation of the tank and maximize tank life. Furthermore, we have complimented our on-site line with a full line of below ground water cisterns and above ground water storage and handling tanks.

The result is the strong and versatile **NuConSept Plus** “low profile” tank line for more challenging site conditions and applications; and the economical **NuConSept** “ribbed” tank line which is an excellent performer in most soil and site conditions. Snyder offers more choices than any other competitor.

## Reasons why NuConSept is the growing choice for on-site applications:

- **Superior Chemical resistance** - polyethylene is an inert material unaffected by chemicals and gasses generated by wastewater.
- **Extra Strength Design** - Snyder NuConSept tanks combine aggressive rib design with a special parabolic shape. NuConSept Plus utilizes a series of molded through gussets for extraordinary strength.
- **Better impact resistance** - Superior to fiberglass in resisting shipping, handling and installation damage.
- **Structurally superior double-wall manhole covers\*** are standard - In addition, extensions and lid/riser combinations are available to bring tank access to grade.
- **Easier to install** - lighter weight means less heavy equipment and manpower. Easy to haul in a pickup and install at hard-to-reach sites. Ideal for do-it-yourself installation.
- **Lifting Ears** - Molded-in feature provides an aid when lowering tank into hole.
- **Leak-proof seal** - Improved design features ensure a leak-proof seal of the lid or manhole extension to the manhole of the tank.\* This prevents groundwater from entering the tank and causing premature failure of the leach field.
- **Ready for installation** - each septic tank is pre-plumbed with Schedule 40 PVC (or equivalent) inlet pipe or tee and outlet tee.
- **Isolated manhole\*** - special design isolates manhole from stress and ensures that it remains level and round.
- **Isolated tubulations for inlet and outlet\*** - protects the sewer line to tank connections.
- **Anti-floatation design features.**
- **Stabilization lug\*** - provides restraints to anchor tank and aids in handling.

\*Patent application in process.



Double walled lid w/kiss-off and locking lug interface. 20" Man hole access.



Stabilization Lug

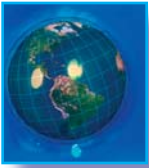


Lifting Ears



Angled Bottom to help direct water away from tank

KEY FOR TANK AVAILABILITY: A = All locations • C = Chowchilla, CA • L = Lincoln, NE • M = Marked Tree, AR • P = Philippi, WV



# NuConSept "Plus" SEPTIC TANKS

## LOW-PROFILE DESIGN

**NuConSept Plus** was designed utilizing state-of-the-art FEA techniques and then field tested to provide a tank with extraordinary structural integrity. Because of this, the tank line is ideal for a variety of uses and uses in a variety of extreme site conditions. Its low-profile design is ideal where bedrock, or other factors which restrict hole depth, limit the ability or accessibility to install any other septic tank. In challenging conditions, this is the tank to choose. Refer to "Site Selection" document on [www.snydernet.com](http://www.snydernet.com).



- IAPMO and CSA compliant.
- Florida Category 3 approved.
- No special backfill material is required (as long as native soil is free flowing and free from clay).
- No requirement to fill tank with water during backfill process.
- Shipped pre-plumbed with Schedule 40 (or equivalent) tees (except for the 500 low profile, which has an inlet pipe instead of a tee).
- Double-compartment models have structurally-engineered divider which is permanently fused to the tank walls.

### Single Compartment

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
ST21L	1000900W95301	500 Low Profile	M,P,L	88"	48"	42"	1 - 20"
ST21L	1000900W95303	500 Low Profile ,Unplumbed	M,P,L	88"	48"	42"	1 - 20"
ST31L	1001200W95301	750 Low Profile	M,P	96"	60"	51"	2 - 20"
ST41L	1001100W95301	900 Low Profile	M,P	111"	60"	51"	2 - 20"
ST51L	1001000W95301	1050 Low Profile	M,P	126"	60"	51"	2 - 20"
ST61L	1001400W95301	1250 Low Profile	M,P	146"	60"	51"	2 - 20"
ST71L	1001500W95301	1500 Low Profile	M,P	176"	60"	51"	2 - 20"



51" overall tank height allows shallower burial.

### Double Compartment

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
ST32L	1001200W95302	750 Low Profile (2/3-1/3)	M,P	96"	60"	51"	2 - 20"
ST42L	1001100W95302	900 Low Profile (2/3-1/3)	M,P	111"	60"	51"	2 - 20"
ST52L	1001000W95302	1050 Low Profile (2/3-1/3)	M,P	126"	60"	51"	2 - 20"
ST62L	1001400W95302	1250 Low Profile (2/3-1/3)	M,P	146"	60"	51"	2 - 20"
ST72L	1001500W95302	1500 Low Profile (2/3-1/3)	M,P	176"	60"	51"	2 - 20"



Gussets on top and underneath of tank tied together by kiss-throughs, provide columnar strength and ease in backfilling.



Isolated man hole with double walled lid w/kiss-off resists deformation.



# NuConSept SEPTIC TANKS



These tanks are designed for below-ground use only. We have a more economical line of above ground tanks available for above ground use (see pages 7, 8 and 9). With the exception of the spherical septic tanks, the tanks presented on this page are not to be used as pump tanks or holding tanks. (If the need exists for tanks larger than 500 gallons to be used as pump or holding tanks, see NuConSept Plus on page 3). State and/or county health codes regulate the use of our septic tanks. Please contact your local health department for specific codes in your area.

Simplex #	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
ST11S	5260000W95302	300 Sphere	A	48.5"	48.5"	53"	1 - 20"
ST21S	5170000W94203	500 Sphere	A	60"	60"	63"	1 - 20"
ST31R	5020000W95305	750	A	80"	64"	62"	1 - 20"
ST51R	5060000W95307	1050	A	100"	64"	62"	2 - 20"
ST61R	5080000W95307	1250	A	119"	64"	62"	2 - 20"
ST61R	5120000W95307	1500	A	140"	64"	62"	2 - 20"



750 Septic



1050 Septic

Simplex #	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
ST32R	5020000W95302	750 (2/3 - 1/3)	M	80"	64"	62"	1-20" & 1-12"
ST52R	5060000W95302	1050 (2/3 - 1/3)	A	100"	64"	62"	2 - 20"
ST62R	5080000W95302	1250 (2/3 - 1/3)	A	119"	64"	62"	2 - 20"
ST72R	5120000W95302	1500 (2/3 - 1/3)	A	140"	64"	62"	2 - 20"



1250 Septic

Ribbed septic tanks are furnished pre-plumbed with inlet and outlet tees, gaskets and manhole covers.

- Parabolic design minimizes deformation by transferring load from the top to the side-walls and bottom.
- Rounded, aggressive rib design maximizes stiffness for long life.
- Shipped pre-plumbed ready for installation with heavy duty tee assemblies (Sch.40 or Equiv.)
- CSA approved and listed.
- Ribbed septic tanks are not to be used as pump tanks or holding tanks.
- Ribbed septic tanks are not to be installed in areas with high water tables.
- Refer to NuConSept Plus on next page to address requirements for both of the above issues.
- Double compartment models have structurally engineered divider which is permanently fused to the tank walls.



## FITTINGS AND ACCESSORIES Septic & Cistern

Part No.	Description
34701206	Inlet tee assembly (no gasket) Rib Tank
34701207	Outlet tee assembly (no gasket) Rib Tank
34701330	Inlet tee assembly (no gasket) Low Profile Tank
34701331	Outlet tee assembly (no gasket) Low Profile Tank
34701197	Tamper resistant bolt kit (4 bolts; one driver bit)
33100217	4" Septic gasket
34300028	6" Riser (6" H x 20" D)
34300029	12" Riser (12" H x 20" D)
34300030	18" Riser (12" H x 20" D)
34701333	Cistern vent assembly
34300018	Septic/cistern lid
34700605	Septic/cistern lid with 4" inspection port
34700606	Septic/cistern lid with 6" inspection port

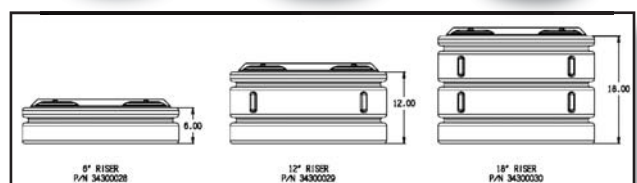


Lid Riser Combination



1500 Septic

### Risers



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# NuConSept PUMP TANKS



300 & 500 Gallon

Simplex #	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
PT1S	5260000W95301	300 Gal. Sphere	A	48.5"	48.5"	49.5"	1 - 20"
PT2S	5170000W94201	500 Gal. Sphere	A	60"	60"	63"	1 - 20"
PT4L	1001101W95301	900 Gal.	L,M,P	96"	60"	51"	2 - 20"
PT4NC	1001101W95302	900 N. Carolina	L,M,P	96"	60"	51"	2 - 20" & 1 - 24"
PT5L	1001001W95302	1050 Gal.	L,M,P	126"	60"	51"	2 - 20"
PT5NC	1001001W95301	1050 N.Carolina	L,M,P	126"	60"	51"	2 - 20" & 1 - 24"
PT6L	1001401W95304	1250 Gal.	L,M,P	146"	60"	51"	2 - 20"
PT6NC	1001401W95303	1250 N. Carolina	L,M,P	146"	60"	51"	2 - 20" & 1 - 24"
PT7L	1001501W95304	1500 GAL.	L,M,P	176"	60"	51"	2 - 20"
PTNC	1001501W95303	1500 N. Carolina	L,M,P	176"	60"	51"	2 - 20" & 1 - 24"

## Redi-Lift

Simplex #	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
RL1	5260000W95305	300 Gal. Sphere	A	48.5"	48.5"	53"	1 - 20"



### Everything you need in 1 package.

- Installs in less than 1 hour.
- Water Tight.
- One 3 year Limited Warranty for all components.
- Pre-wired.
- One pump flexibility for a wide range of applications.
- Compact, complete and easy to transport.

### Tank comes complete with:

- 12" polyethylene riser.
- Check valve/union.
- 1 1/2" ball valve.
- Alarm.
- Float Switch.
- 1/2 HP submersible cast iron pump.
- Inlet pipe and seal (4" Sched. 40 PVC or equivalent).
- Junction Box (NEMA 4).
- Pump Switch.

# NuConSept WATER

Underground water storage capacity is sometimes desirable in applications where seasonal freezing occurs or where aesthetics will not allow the use of an above-ground water tank.

- Ideal for underground storage of potable water, fire protection water, gray water or rainwater.
- Same watertight features as septic tanks.
- Manufactured from high-density linear polyethylene (HDLPE)-complies with FDA Reg. 21 CFR 177.1520 {C3.1} and NSF.
- Thicker-wall version of septic tank design.
- Multiple fitting locations.
- Tanks may be easily plumbed together in series to increase total underground storage capacity.



## Cistern Specifications - Below Ground Cisterns are furnished with manhole cover(s) only.

Simplex #	Part No.	Gallon Capacity	Tank F.O.B.	Length	Width	Height	No. of Manholes
C1S	5260000W97401	325 Sphere	A	48.5"	48.5"	53"	1 - 20"
C2S	5170000W97401	525 Sphere	A	60"	60"	63"	1 - 20"
C5R	5060000W97401	1200	A	126"	60"	51"	2 - 20"
C6R	5080000W97401	1450	A	119"	64"	62"	2 - 20"
C7R	5120000W97401	1700	A	140"	64"	62"	2 - 20"

### Low Profile

C2L	1000900W97401	575 Low Profile	L,M,P	88"	48"	42"	1 - 20"
C5L	1001000W97401	1200 Low Profile	L,M,P	126"	60"	51"	2 - 20"
C6L	1001400W97401	1450 Low Profile	L,M,P	146"	60"	51"	2 - 20"
C7L	1001500W97401	1700 Low Profile	L,M,P	175"	60"	51"	2 - 20"



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# Septic Tanks Do's and Don'ts

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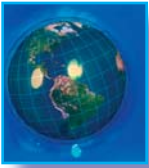
## Do...

- install all tanks per Snyder Industries, Inc. Installation Instructions—call if you have any questions
- size and plumb the septic tank to meet state, county and local codes and regulations
- note the direction of flow—the inlet must be higher than the outlet for proper gravity flow
- use the tanks as intended—for underground and septic use only
- insure that riser extensions are correctly mounted to the tank prior to backfilling (screws supplied)
- maintain the maximum (36”) burial depth for Snyder (Plus) Low Profile tanks and (24”) for ribbed tanks
- insure all backfill is free of wood, concrete, large rocks/boulders, masonry debris, silt or heavy clay
- install the tank parallel to any slope
- insure there is proper venting maintained from the house to each septic and/or pump tank
- locate the septic tank so it will not experience excessive amounts of ground water during major storms
- grade the tank excavation and surrounding area adequately to drain ground water away from the tank
- mound the tank excavation--allow 2” of soil for settling (5” total) w/positive drainage away from the tank
- backfill evenly and uniformly, compacting every 12” (start on the ends of the tank)
- insure the connection between tank/riser, riser to riser, and riser or tank to cover is water tight—use stainless steel screws & silicone
- insure all connections to the plumbed tank are water tight
- tamp and compact backfill under inlet and outlet pipes
- insure all “pre-cover” inspections are completed prior to completing the tank installation
- use either lifting eyes or corner stabilization lugs when placing the tank into the excavation
- insure tanks are protected from sharp objects which could puncture the tank and cause leakage

## Don't...

- backfill only to the finish grade level—eventually the settled ground will cause rainwater to pool
- leave a tank excavation open (even overnight) without protecting the area from rain water infiltration
- locate a septic or pump tank at the bottom of a hillside unless adequate drainage/berming is done
- locate a septic/pump tank at the lowest point of the grade—the tank(s) require adequate drainage
- locate a septic or pump tank below a steep or large sloped grade
- locate a septic or pump tank beneath driveways or in the pathway of heavy or vehicular traffic areas
- store tanks near an open flame or heat in excess of 160° F—tanks are not fire-resistant
- use septic/pump tanks for any other use, especially not intended for drinking water or use as a cistern
- use any portion of the tank as a grease trap or subject the tank to water temperature higher than 130° F
- direct water from gutters or sump pumps near any part of the septic system
- sheet drain over the top of an excavated tank site—all excavations must be mounded for positive drainage
- enter your tank—septic gases can deplete the amount of oxygen, which can lead to affixation

**IMPORTANT:** Before Installing Snyder Septic Tanks, you must read “Snyder Site Selection/Preparation” and follow the instructions provided; and, “Installation Procedures” provided for each type of tank. Failure to follow these instructions, WILL VOID YOUR WARRANTY. Both documents can be found on the Snyder web site: [www.snydernet.com](http://www.snydernet.com).



# NuConSept WATER STORAGE TANKS

Snyder provides a wide range of above-ground storage tanks for indoor or outdoor use where wells do not meet the consumption needs of the users. In addition, Snyder has a variety of horizontal tanks, utility (pickup truck) tanks, and PCO tanks that are ideal for hauling water. All Snyder water tanks are manufactured from FDA approved resins and manufactured in NSF-certified facilities. Optional fittings are available as listed on page 10.

- All materials are UV stabilized for long-term outdoor service.
- Manufactured from FDA-approved resin for potable water.
- Bolt-on fittings with stainless steel bolts.
- Gallon indicators molded in most tanks.
- Weatherproof threaded lids with built-in anti-surge vents.
- Molded-in tie down slots and lifting lugs.

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Diameter	Height	Fill Opening	Drain
WV3	155--	65 Vertical	A	23"	47.75"	8"	3/4"
WV4	8010--	110 Vertical	L,M,P	33"	36"	10"	2"
WV5	H15402000069	120 Vertical	C	32"	38"	10"	1 1/2"
WV10	H15403000069	200 Vertical	C	36"	59"	10"	1 1/2"
WV11	8020--	210 Vertical	L,M,P	33"	64"	18"	2"
WV21	1630--	300 Vertical	P	35"	78"	18"	2"
WV22	H16301000069	300 Vertical	C	36"	82"	10"	1 1/2"
WV30	180--	550 Narrow Vert.	L,M,P	48"	74"	18"	2" B.O.
WV31	H18001000069	525 Narrow Vert.	C	48"	76"	10"	2"
WV32	1670--	550 Vertical	P,C	64"	46"	10"	2"
WV33	1820--	550 Vertical	L	64"	46"	18"	2"
WV34	8060--	550 Vertical	M	64"	46"	18"	2"
WV40	1830--	1100 Narrow Vert.	L,M,P	64"	87"	18"	2" B.O.
WV41	H18301--	1000 Narrow Vert.	C	60"	89"	18"	2" B.O.
WV42	1710--	1100 Vertical	C,L,P	86"	53"	10"	2" B.O.
WV43	8120--	1100 Vertical	M	86"	55"	18"	2" B.O.
WV45	1770--	1500 Vertical	C,L,P	86"	70"	10"	2" B.O.
WV47	81201--	1500 Vertical	M	86"	70"	18"	2" B.O.
WV50	5050--	2000 Vertical	L,P	90"	88"	18"	2" B.O.
WV51	8130--	2000 Vertical	M	90"	88"	18"	2" B.O.
WV52	H50501000069	2000 Vertical	C	96"	84"	18"	2" B.O.
WV60	5090--	2500 Vertical	L,P	90"	106"	18"	2" B.O.
WV61	8140--	2500 Vertical	M	90"	106"	18"	2" B.O.
WV62	H50901000069	2600 Vertical	C	96"	89"	18"	2" B.O.
WV70	5130--	3000 Vertical	L,P	90"	125"	18"	2" B.O.
WV71	8160--	3000 Vertical	M	90"	125"	18"	2" B.O.
WV72	H74202000069	3000 Vertical	C	96"	109"	18"	2" B.O.
WV80	7420--	4700 Vertical	L	102"	142.5"	18"	2" B.O.
WV81	8210--	5000 Vertical	M	102"	153"	18"	2" B.O.
WV82	10020--	5000 Vertical	P	102"	155"	18"	2" B.O.
WV83	H74202000069	5000 Vertical	C	102"	157"	18"	2" B.O.
WV90	7430--	6000 Vertical	L,P,C	102"	188"	18"	2" B.O.
WV91	8220--	6250 Vertical	M	120"	140"	18"	2" B.O.
WV100	H5330	10,000 Vertical	C	144"	161"	18"	3" B.O.
WV101	5330	10,500 Vertical	L,P	142"	169 3/4"	18"	3" B.O.



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# NuConSept ABOVE GROUND - HORIZONTAL LEG

## Above Ground - Horizontal Leg Tank

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Diameter/Width	Height	Length	Fill	Drain
WH1	108--	30 Horizontal Leg	A	23"	26"	19"	6"	-
WH2	106--	60 Horizontal Leg	A	23"	26"	38.5"	8"	3/4"

Above requires a minimum of one - P/N 33900093 - 30/60 Band (2 bands are optional). Each pair of bands requires a P/N 34700014 j-bolt package (4 j-bolts)

WH3	112--	125 Horizontal Leg	A	30"	34.5"	49.5"	8"	1 1/4"
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Above requires a minimum of one - P/N 33900094 - 125 Band (2 are optional). Each pair of bands requires P/N 34700014, j-bolt package (4 j-bolts)

WH4	128--	230 Horizontal Leg	A	38"	42.5"	51.5"	10"	1 1/4"
WH5	132--	300 Horizontal Leg	L,M,P	38"	42.5"	72"	10"	1 1/4"
WH6	H13201--	300 Horizontal Leg	C	38"	42.5"	67"	10"	1 1/4"

Above requires a minimum off one - P/N 33900095 - 230/300 Band (2 are optional). Each pair of bands requires P/N 34700014, j-bolt package (4 j-bolts)

WH7	H14001--	500 Horizontal Leg	C	49"	55"	72"	18"	2"
WH8	140--	525 Horizontal Leg	L,M,P	48"	52.5"	75"	10"	2"

Above requires a minimum of one - P/N 33900096 - 500/525 Band (2 are optional). Each pair of bands requires P/N 34700014, j-bolt package (4 j-bolts)

WH11	144--	1025 Leg Tank	L,M,P,C	48"	50"	139"	18"	2"	459017*
WH12	100007--	1650 Elliptical Leg	M,C	71"	55"	140"	18"	3"	458000003L*
WH13	10023--	2000 Elliptical Leg	M,P,C	84"	55"	152"	18"	3"	458007*

WH10	7500--	3000 Horizontal Leg	L,M,P,C	92"	76"	142"	18"	3"	459020*
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\*Hoop Assembly Required. Assembly includes 4 hoops and required j-bolts



## Utility Tanks

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Diameter/Width	Height	Fill	Drain
WU1	160--	150 Utility	A	54"	22"	10"	2"
WU2	162--	300 Utility	A	65"	29"	10"	2"



## Above Ground - PCO Tanks

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Diameter/Width	Height	Length	Fill Opening
WP1	1091--	30 Gal. PCO	A	19"	22.5"	24.5"	6"
WP2	1171--	50 Gal. PCO	A	19"	22.5"	38"	6"
WP3	1201--	100 Gal. PCO	A	30"	31"	38"	10"
WP4	1571--	150 Gal. PCO	A	36"	29"	48"	10"
WP5	1661--	200 Gal. PCO	A	37"	29.5"	48"	10"
WP6	1721--	300 Gal. PCO	A	38"	36.75"	69"	18"



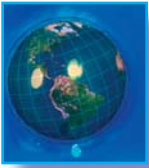
## Free Standing Water Closets

Simplex No.	Part No.	Gallon Capacity	Tank F.O.B.	Width	Height	Depth	Fill Opening	Drain
WC1	1001600W94301	300 Gallon	L,M,P	60"	49"	29"	18"	2" B.O.
WC2	1001700W94301	400 Gallon	L,M,P	60"	63"	29"	18"	2" B.O.



Note: [Tanks on pages 7, 8 and 9](#) are for above ground only.

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# Black & Green WATER STORAGE TANKS\*

**\*THESE TANKS COME WITH  
A 3 YEAR WARRANTY\***

Simplex Number	Part No.	Color	Gallon Capacity	Tank F.O.B.	Diameter	Height	Fill Opening	Fitting Package
WB12 WG12	H1540470 H15404000998	Black Green	205 Vertical	C C	42"	43"	10"	B B
WB23 WG23	8040000W94201 8040000W99801	Black Green	300 Low Vertical	M	46"	48"	18"	A A
WB24 WG24	H1630270 H16302000998	Black Green	310 Vertical	C C	42"	59"	10"	B B
WB32 WG32	8060000W94202 8060000W99801	Black Green	550 Vertical	M M	64"	46"	18"	A A
WB35 WG35	1820000W94201 1820000W99801	Black Green	550 Vertical	L L	64"	46"	18"	A A
WB36 WG36	H167170 H16700000998	Black Green	550 Vertical	C C	64"	46"	10"	B B
WB40 WG40	1830100W94202 1830000W99801	Black Green	1100 Narrow Vertical	L,M L,M	64"	87"	18"	A A
WB42 WG42	1710100W94202 1930000W99801	Black Green	1100 Vertical	L L	86"	53"	18"	A A
WB43 WG43	8120000W94202 8120000W99801	Black Green	1100 Vertical	M M	86"	55"	18"	A A
WB44 WG44	171070 H17100000998	Black Green	1100 Vertical	C C	86"	53"	18"	B B
WB45 WG45	1770100W94202 1770200W99801	Black Green	1500 Vertical	L L	86"	70"	18"	A A
WB46 WG46	177070 H17700000998	Black Green	1500 Vertical	C C	86"	70"	18"	B B
WB47 WG47	8120100W94201 8120100W99801	Black Green	1500 Vertical	M M	86"	70"	18"	A A
WB60 WG60	5090100W94201 5090100W99801	Black Green	2500 Vertical	L L	90"	106"	18"	A A
WB61 WG61	8140000W94201 8140000W99801	Black Green	2500 Vertical	M M	90"	106"	18"	A A
WB62 WG62	H5090170 50901000998	Black Green	2600 Vertical	C C	96"	89"	18"/24"	B B
WB70 WG70	7410100W94201 7410100W99801	Black Green	3000 Vertical	L L	102"	96"	18"	A A
WB71 WG71	8390000W94201 8390000W99801	Black Green	3000 Vertical	M M	102"	96"	18"	A A
WB72 WG72	H5130170 H51301000998	Black Green	3000 Vertical	C C	96"	109"	18"/24"	B B
WB80 WG80	7420000W94201 7420000W99801	Black Green	4700 Vertical	L L	102"	142 1/2"	18"	A A
WB81 WG81	8210000W94201 8210000W99801	Black Green	5000 Vertical	M M	102"	153"	18"	A A
WB83 WG83	H7420270 H74202000998	Black Green	5000 Vertical	C C	102"	157"	18"/24"	B B
WB84 WG84	H7000270 H70002000998	Black Green	5400 Vertical	C C	144"	87"	18"/24"	B B
WB100 WG100	H5330170 H53301000998	Black Green	10,000 Vertical	C C	144"	161"	18"/24"	B B

KEY FOR TANK AVAILABILITY: A = All locations • C = Chowchilla, CA • L = Lincoln, NE • M = Marked Tree, AR • P = Philippi, WV





# NuConSept Water Tank Fittings and Accessories

Part No.	Description
34300005	3/4" Double-threaded polyethylene fitting (bulkhead) - Standard
34300130	3/4" Double-threaded polypropylene fitting (bulkhead) - Heavy Duty
34300006	1" Double-threaded polyethylene fitting (bulkhead)
34100131	1" Double-threaded polypropylene fitting (bulkhead) - Heavy Duty
34300003	1 1/4" Double-threaded polyethylene fitting (bulkhead)
34300008	1 1/2" Double-threaded polyethylene fitting (bulkhead)
34100144	1 1/2" Double-threaded polypropylene fitting (bulkhead) - Heavy Duty
34100104	2" Double-threaded polypropylene fitting (bulkhead)
34700840	2" Polypropylene fitting with siphon tube (bulkhead)
31300120	3" Double-threaded polypropylene fitting (bulkhead)
34700539	3" Double-threaded polypropylene fitting with siphon tube (bulkhead)
34100103	2" Double-threaded polypropylene fitting (bolt-on)
34700842	2" Polypropylene fitting with siphon tube (bolt-on)
34100105	3" Double-threaded polypropylene fitting (bolt-on)
34700844	3" Double-threaded polypropylene fitting with siphon tube (bolt-on)
FBN-RS-40	4" Stainless steel bolted fitting, full nipple (Chowchilla, only)
34700014	J-bolt package of 4 (one package required with each HLT ordered with bands)
34300047	6" Threaded cap
34300080	10" Threaded cap
34300012	18" Threaded lid assembly
34700352	24" Threaded lid assembly

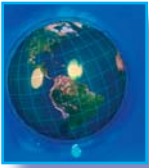


## Fitting Package Legend for Black and Green Water Tanks:

Pkg. "A" = Bottom Fitting - One 2" bolt-on fitting with siphon (P/N 347842)  
Top Fitting - One 1 1/2" bulkhead fitting (P/N 340004)

Pkg. "B" = Bottom Fitting - One 2" bolt-on fitting (P/N 341103)  
Top Fitting - One 1/2" bulkhead fitting (P/N 340004)

18"/24"\* = 18" is standard, 24" is optional for an additional charge.



# GUIDELINES FOR USE AND INSTALLATION

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## WATER TANKS

### SAFETY CONSIDERATIONS/CHECKLIST

- All tanks must be properly vented to atmosphere. Venting equipment should be sized to limit pressure or vacuum in the tank to a maximum of ½” of water.
- Water tanks have been engineered for the containment or transportation of water ONLY.
- Continuous operating temperatures above 100° F (38° C) are NOT RECOMMENDED.
- Protect tanks from impact (especially sharp blows) HANDLE WITH EXTREME CARE.
- DO NOT STAND OR WORK ON TOP OF A TANK. Remember, Safety First!

### LOCATION REQUIREMENTS

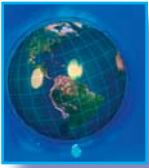
- DO NOT locate the tank in a flood plain or next to equipment that generates heat.
- Locate the tank so it is easy to install, access, and maintain.
- It is the responsibility of the end user to insure that all location requirements are taken into consideration including all federal, state and local regulations that apply to tank installation.
- Vertical tanks can be placed on firm, compacted soil that is free of rocks/sharp objects and capable of bearing the weight of the tank and its maximum contents. In addition, a sand or pea gravel base with provisions for preventing erosion is highly recommended. Installation sites for tanks 8,000 gallons or larger must be on a reinforced concrete pad. The pad should be clean, smooth and level, so it fully supports the entire tank bottom with no deflection. A sand mound support can be placed under the tank bottom to promote tank drainage and extend tank life. The sand should be a construction grade utility sand or finer. The tank and pad placement must be done to prevent any erosion of the sand from under the tank and the sand must be uniform and not contain lumps or foreign objects. Horizontal tanks must be secured with bands and/or hoops to prevent tank movement. **CHECK BAND/HOOP TENSION AFTER FILLING TANK.** Bands and/or hoops must be tightened to remove all gaps between bands/hoops and tank before and after filling, but not to the degree that there is any tank distortion. Tanks used for transport must have full bottom support and be properly secured to the transport vehicle. **DO NOT EXCEED VEHICLE’S GROSS WEIGHT.**

### TANK ENTRY PRECAUTIONS

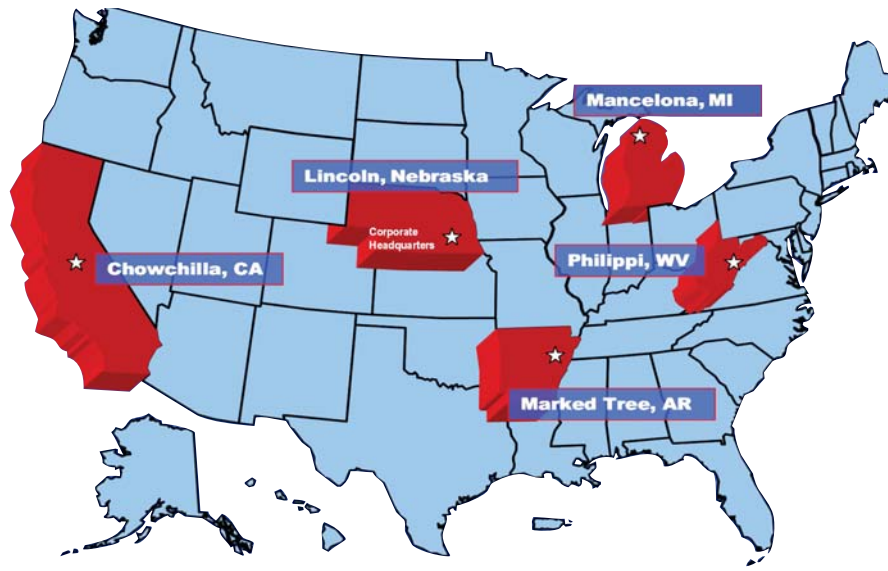
- If entry into the tank is necessary, be sure to take all necessary precautions and follow all applicable local, state and federal rules and regulations. Entry into the tank should be considered a “CONFINED SPACE ENTRY” with appropriate OSHA safety precautions required.

### TANK FITTINGS AND CONNECTIONS

- Tank fittings are typically left installed in the tank.
- All tank connections must have adequate provisions for tank expansion/contraction due to temperature and load changes and should allow for a 4% dimensional movement. SII strongly recommends the use of expansion joints or other provisions for all tank connections. **The use of rigid piping or the failure to provide for the expansion of the tank will void all warranties.**
- After all connections to the tank have been made, fill the tank with water and hold for at least 5 hours to identify any leak(s). Fittings are factory installed—If there is a leak, first check the tightness of each connection. If the leak persists, inspect the gasket to insure it is fully contacting the tank wall as well as check for damage and proper gasket compression. Correct gasket compression should be between 25 and 50%. **Recheck fitting tightness periodically.**



# PLANT LOCATIONS & WARRANTY



## SNYDER POLYETHYLENE TANKS: HOW WE BUILD IN MORE VALUE

**Unmatched experience.** For 50 years, Snyder has been a leader in building polyethylene tanks that are lighter, stronger and more cost effective than other materials

**Well-located manufacturing facilities:** Snyder can meet your needs from five rotational molding plants located in Lincoln, Nebraska; Marked Tree, Arkansas; Chowchilla, California; and Philippi, West Virginia. This enables faster delivery and keeps freight costs low. Most popular sizes are stocked at all locations.

**Highest quality control standards.** From raw material analysis to stringent 100% final inspection, the quality of Snyder NuConSept on-site and Water Storage tanks is monitored every step of the way. Copies of our quality control procedures are available on request.

**Skilled application engineering.** In developing Snyder On-Site and Water Storage Tanks, our engineers study the demands of each application and use computer-enhanced design to strategically shape and strengthen tank walls to withstand stress.

## WARRANTY

*Snyder warrants that if any manufactured tank product is proven to be defective in material or workmanship within three (3) years from the date of manufacture, Snyder will (at company option) either replace or repair said part. This standard limited warranty does not apply to damages resulting from misuse, improper application of recommended materials, accident, or improper installation or maintenance. Remedy to the buyer is limited to the replacement of any defective product (or its component where applicable), F.O.B. point of manufacture. The buyer's remedy under this warranty does not include any other direct or consequential damages which result from defects in material and/or workmanship of its products.*



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Lincoln, Nebraska 68504

Other Manufacturing Locations: • Lincoln, Nebraska • Philippi, West Virginia • Chowchilla, California • Mancelona, Michigan

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