

NECTOR®

NECTOR® Tank Hai
Toh
Top/Bottom Solid Hai ...

SWACHH PAANI
SWACHH GL...

SS WATER STORAGE TANK

TOP/ BOTTOM OF CONICAL SHAPE & DESIGN IN TANKS
HAS HIGHEST STRENGTH - PROVED WORLDWIDE
REGISTERED DESIGN NO. 289618



LET'S CARE WATER BETTER





NECTOR INDUSTRIES PRIVATE LIMITED, a company promoted to manufacture stainless steel water storage tanks has established state-of-the-art manufacturing facilities at HSIIDC Estate, Barhi, Sonapat, Haryana.

NECTOR, being the Pioneer of Stainless Steel Tanks in India since 2005, has now developed unique techniques to fabricate the solid top & bottom of the tanks to achieve the utmost strength in its design. Because of the excellence in quality and service -Nector Tanks have been widely acclaimed & used in India as 100% hygienic storage tanks for potable water and various other liquids.

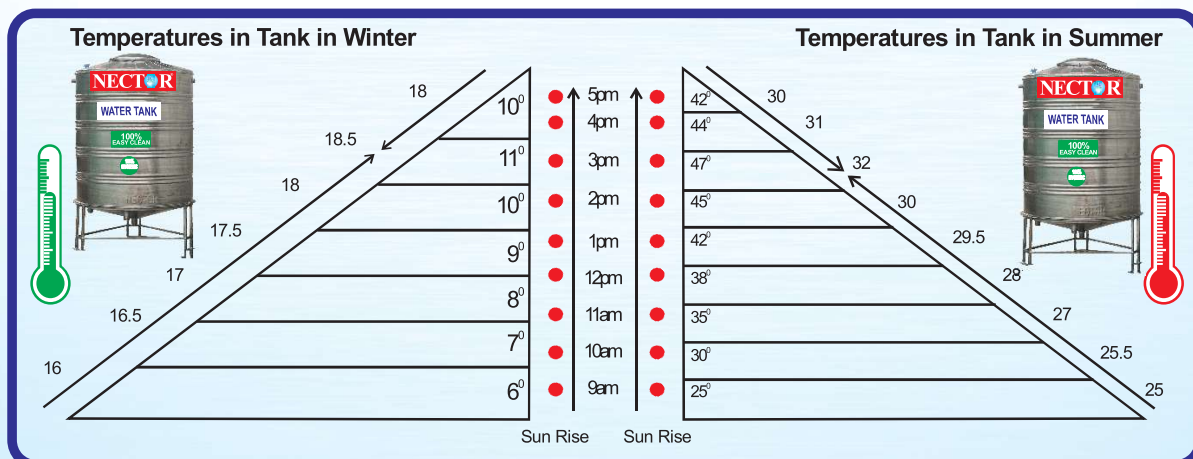
QUALITY POLICY

The company is committed to meet the requirements of the customers. We shall concentrate on advance techniques and adopt innovative approach to make Total Quality a way of daily routine in life. We shall focus on continuous improvement in all areas of our service with an objective to **“Do Right at the First”**. We shall create an environment in the organization that will encourage the employees and suppliers to achieve excellence in quality improvement of our products and services.

SALIENT FEATURES

- ❖ Nector uses always tested and prime stainless-steel material of high quality grade from reputed manufacturers in fabrication of the water storage tanks. Stainless steel is resistant to rust and corrosion. Stainless steel remains ductile through all temperature ranges and is fire resistant.
- ❖ Stainless Steel is known & proved for its superior quality for making storage water tanks in comparison to various conventional materials such as Mild Steel, Concrete, Polyethylene and Fibreglass etc.
- ❖ It is a proven fact about strength of stainless - steel that its structural life is long & over hundreds of years. The fabricated stainless - steel tanks have expected service life of about twenty-five years.
- ❖ Stainless-steel does not deteriorate over the time when used under sun rays and hence, stainless-steel tanks do not bulge due to the forces occurred by load of the water.
- ❖ Stainless Steel can be recycled, reclaimed and reused, hence, environmentally friendly product.
- ❖ Stainless-steel tanks are 100% hygienic and have zero growth of bacteria, algae & fungus, thus, no risk of water borne diseases in storage of water over a time.
- ❖ Stainless Steel tanks will keep the water clean and unaffected.
- ❖ Nector stainless-steel tanks with top, bottom & stand are made in good style and elegance.
- ❖ Seam welding technique is used to fabricate stainless steel tanks.
- ❖ Nector uses high quality thermal insulation material such as Polyurethane & Polyethylene Foam (PUF & PE) to resist change in water temperature in extreme summer & winter seasons.

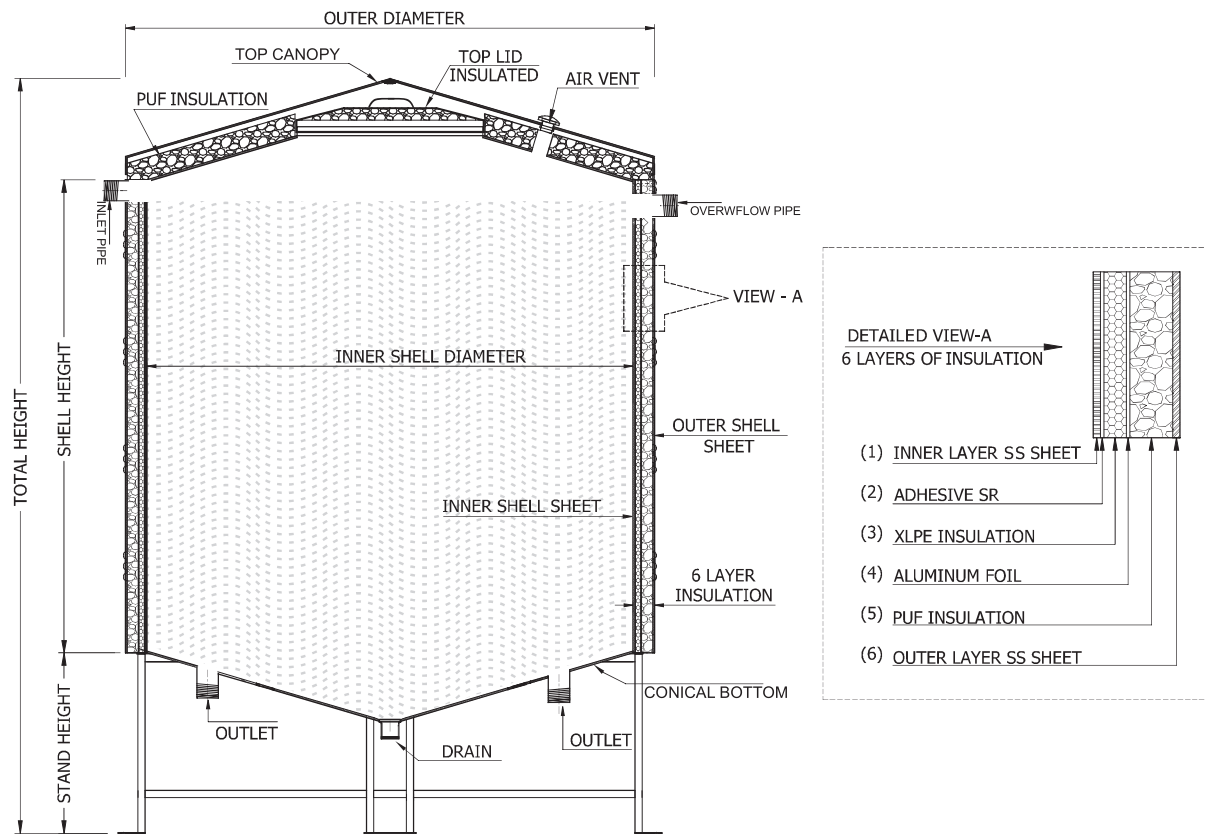
Temperature Resistance Diagram showing performance of Nector SS Insulated Tank-Eco Conical Series



Note: The performance result may vary $\pm 5\%$ depending upon temperature of water intake.

ECO CONICAL SERIES

CROSS - SECTION SHOWING 6 LAYERS OF INSULATION & INLET / OUTLET / OVERFLOW / DRAIN FITTINGS



Size in mm & weight in kg

Tank Capacity in Litres

DESCRIPTION	125	250	500	750	1000	1500	2000	2500	3000	4000	5000
Diameter of Shell - Inner / Outer	700/790	700/790	970/1050	970/1050	970/1050	1390/1470	1390/1470	1390/1470	1600/1750	1600/1750	1600/1750
Height of Shell / Overall Height	406/850	625/1150	625/1200	965/1500	1210/1800	950/1710	1250/2000	1600/2350	1498/2350	1990/2550	2438/3250
Shell thickness - Inner / Outer	0.5/0.5	0.5/0.5	0.5/0.5	0.5/0.5	0.50.5	0.5/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5
Thickness Bottom / Top	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5	0.8/0.5
Lid Diameter / Air Vent	430/20	430/20	430/20	430/20	430/20	540/20	540/20	540/20	710/20	710/20	710/20
Weight - Overall Tank / Stand	24/5	35/5	45/8	58/8	65/8	94/10	120/10	134/10	185/17	220/23	275/23
Connection - Inlet / Overflow	25/25	25/25	25/25	25/25	25/25	25/25	25/25	25/25	32/25	32/25	32/25
Connection - Outlets 2 / Drain	25/40	25/40	40/40	40/40	40/40	40/40	40/40	40/40	50/50	50/50	50/50
Insulation Thickness / Overall	45/90	45/90	40/80	40/80	40/80	40/80	40/80	40/80	75/150	75/150	75/150

* Ask recent chart copy.

Note: Tolerance $\pm 3\%$.

NECTOR TANKS - PRODUCT RANGE & APPLICATIONS:

- ❖ TANKS – SS 304/304: Bottom 316L, Inner/Outer Shell 304 (Suitable for Water TDS upto 250)
- ❖ TANKS – SS 316/304: Bottom/Inner Shell 316L, Outer 304 (Suitable for Water TDS upto 950)

Nector tanks are ideal for storage of potable water and can be used for any liquid which does not react with stainless steel. For more applications, Consult your Engineer.



LET'S CARE WATER BETTER





STAINLESS STEEL

ADVANTAGES OF NECTOR INSULATED TANKS - ECO CONICAL SERIES

- ❖ **Nector** first time in India offers the tanks in conical top & bottom design manufactured at the State of the Art Technology Plant. It is proved that top & bottom of cylindrical tanks in conical shape & design has higher strength in comparison to oval/elliptical shape.
- ❖ Nector Tanks are built to such a design that it makes it durable, safe and outperform in the market.
- ❖ Nector Tanks are made of high quality prime & mirror polished stainless-steel material and are 100% hygienic for use in potable water like food and pharmaceutical industry.
- ❖ Nector insulated tanks are made of double wall & in middle provided with layers of superior quality thermal insulating material such as Polyurethane & Cross-linked Polyethylene Foam with aluminium foil barriers (PUF & XLPE) to maintain water temperature in extreme hot and cold weather conditions.
- ❖ Nector provides thicker insulation layer in the top cover apart from additional layer of insulation in the lid of the tanks.
- ❖ Nector tanks are built with inlet/outlet/overflow/drain/air-vent connections along with heavy quality stand in the factory itself. Hence, high quality standard is achieved where as in other conventional tanks these fittings and stand are not provided with tanks and are procured thereafter at site.
- ❖ Nector tanks are provided with drain pipe from the centre of the conical designed bottom in such a way that it is most easy to clean and drain out 100% in comparison to flat shape of the bottom of the conventional tanks.
- ❖ Nector tanks are manufactured with conical top-canopy of heavy thickness along with unique grooves which makes it extra strong as well as resistant to deposit of unwanted dust, rust and rainwater etc. The conically designed top-canopy is capable to bear heavy load in comparison to oval shape.
- ❖ Nector tanks are built with specially designed stainless-steel beading at the periphery of top-canopy and lower part of outer shell which does not deteriorate with time like rubber beading provided in ordinary tanks which is prone to get effected due to UV rays in external applications.
- ❖ Nector tanks are manufactured with conical bottom of heavy thickness and 316 grade quality SS sheets.
- ❖ Nector provides Over Flow and Inlet Connection pipes from the side of the tank and drain & Outlet connections are provided at the bottom of the tank.



PRECAUTIONS

- Do not lift/pick up the tanks from top handle. Always use bottom side to grip the tanks.
- Do not store/use liquids which reacts with stainless steel. Frequently clean deposit of chlorides, earth/sand/silt at the bottom of tank otherwise it may erode stainless-steel. The erosion depends upon the nature of silt/sand/chloride present in water.
- Check TDS of the water regularly & maintain it within limit to keep long life of the Tank

RECOMMENDATION

- To get full results of the temperature control of water from Tank to Tap in a house, any quality insulation (e.g. CAREFLEX) is to be provided properly over the entire cold & hot plumbing piping.