



An ISO 9001:2015 certified Company

**King of Purity**



**Green Power & Company**  
TOTAL WATER SOLUTIONS

**Insulated & Non Insulated  
Stainless Steel Water Tanks**

**Volume 1, 2021**



We believe in a world that lasts for ever



### Product Overview

In recent years metallurgists have developed superior metals known as Duplex Stainless Steels (2205), these are achieved by increased level of chromium, nickel, molybdenum and nitrogen to levels higher than is present in ordinary marine grade 316. The result is a stainless steel that provides very good resistance to pitting and crevice corrosion in a seawater environment, making 2205 stainless steel far superior to 316 and 316 L.



### Stainless Steel insulated & Non insulated Water tanks

Logo Life Investment | International Technology | Easy Clean | Water Temperature Remains Normal In Summers & Winters | Prevents Growth Of Algae & Fungus | Elegant In Look



## LATEST TECHNOLOGY (RECOMENDED)

### DENSITY BASED TECHNOLOGY

#### KINGPURE SS CYLINDRICAL TANK

SINCE FEBRUARY 2019

#### TECHNICAL SPECIFICATIONS

In normal wear conditions you can expect a shelf life of **POLYURETHANE of over 50 YEARS.**  
**THERE IS NO EXPANSION OR REDUCTION IN SIZE ONCE GOT SHAPE.**

The tank shall be insulated with 80mm to 100 mm thickness of machine injected PUF insulation of 45kg/m<sup>3</sup> Density having a heat resistant value of R8.

Tank top shall be insulated with 100mm to 150 mm thickness of machine injected PUF insulation of 45kg/m<sup>3</sup> density having a heat resistant value of R8.

Formation of the Ak zobel coating increases the resistance to atmospheric temperature change.

Robotic welding plant, we provide Robotic welding on the socket for inlet, outlet, overflow and water drain. Recommended max. Pressure for inlet & outlet - 8 Bar.

Top fully covered with single dish and another Lid under dish. **100MM TO 150 MM THICKNESS OF PUF INSULATION ON THE TOP OF THE TANK.** fully protected from weather conditions.

#### LAB TEST CERTIFICATE :

THERMAL STUDY - Resistance to Atmospheric Temperature :

in Summer - 50°C

in Winter - 5°C.

**LAYER BASED TECHNOLOGY - FEB. 2019**

**TECHNICAL SPECIFICATIONS**

**NITRILE** -Rubber Products Should Be Stored In A Dry Cool Place And Protected From Light, Moisture, Heat And Deformation.shelf Life 5-10 Years.nitril Generally Use in A.c.ducting, A.c. Fittings,vrv. Available  
 Sheet Thickness 6mm, 9mm, 13mm, 25mm & 32mm.  
 No Density,it's Not Suggested For Tanks

**FG CLAD/GLASS WOOL - LOW DENSITY - 16KG/m3, 24 KG/m3**

ROCK WOOL - 50 mm thickness with 48kg, 64kg & 96kg/m<sup>2</sup> density. Loose it's strength/ density immediately when touched with water. Generally uses in sound pad of Generators, Machines etc. it's not suggested for tanks.

ELECTRIC /ARGON WELDING.  
 LOW STRENGTH.

**OPEN LID MODEL**  
 5MM TO 20 MM THICKNESS OF PUF INSULATION  
 ON TOP OF THE TANK, therefore low heat resistant.

**Comparison Chart**

**Stainless Steel Water Vessels / Tanks Features**

Drinking Purpose	Plastic	Stainless Steel
Smell / Change in Taste		
Water Stagnation		
Growth of Algae		
Heat Absorption		
Time Consuming Cleaning Process		
Eco Friendly		
Water Quality		
Medically		
Life of Tank		
After Use Value		
Cost Analysis		

### Typical Physical Properties of PUF Insulation

PROPERTY	STANDARD	VALUE
Overall Core Density	DINENISO845	42kg/m <sup>2</sup>
Compressive Stress	DIN53421	0.16N/mm <sup>2</sup>
Compression	DIN53421	10%
Flexural Strength	DIN53423	0.27N/mm <sup>2</sup>
Bending	DIN53423	10mm
Water Absorption	DIN53428	<3%
Dimension Stability at 100/70 °C/30 °C	DIN53431	1±/1±/1
Closed Cell Content	ISO45290	>92%
Initial Thermal Conductivity Minimum Temp 22.5 °C	DIN52612	0.020W/m.k
PUF Material Solutions		

### Chemicals Analysis

**Weight % (all values are maximum unless a range is otherwise indicated)**

Elements	304	316	316L	316Ti	2205 ( duplex)
Chromium	18min.-20max.	16min.-18max.	16min.-18max.	16min.-18max.	22min.-23max.
Nickel	8.25min.-10.25max.	10min.-14max.	10min.-14max.	10min.-14max.	45min.-65max.
Molybdenum	-----	2min.-3max	2min.-3max	2min.-3max	3min.-3.5max
Carbon	0.08	0.08	0.03	0.08	0.03 max
Manganese	2	2	2	2	2max.
Phosphorous	0.045	0.045	0.045	0.045	0.03max.
Sulfur	0.03	0.03	0.03	0.03	0.02 max.
Silicon	0.75	0.75	0.75	0.75	1 max.
Nitrogen	0.1	0.1	0.1	0.1	0.1 min. 0.2 max.
Titanium				0.7	
Iron	BALANCE	BALANCE	BALANCE	BALANCE	BALANCE

**KING PURE TECHNICAL SPECIFICATIONS**  
**KING PURE INSULATED WATER TANKS**

CAPACITY	DIAMETER	HEIGHT WITH STAND	INLET	OUTET	OVERLOW	DRAIN
100	710MM	900MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
200	710MM	1100MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
300	860MM	1100MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
500	770MM	1650MM	1 INCH	5.1 INCH	5.1 INCH	1 INCH
750	860MM	1700MM	1INCH	1INCH	1.5INCH	1 INCH
1000	1060MM	1800MM	1INCH	1 INCH	1.5 INCH	1.5 INCH
1500	1320MM	2010MM	1INCH	2 INCH	2 INCH	2 INCH
2000	1440MM	2010MM	1INCH	2 INCH	2 INCH	2 INCH
2500	1550MM	2050MM	1INCH	2 INCH	2 INCH	2 INCH
3000	1730MM	2012MM	1INCH	2 INCH	2 INCH	2 INCH
4000	1730MM	2470MM	1INCH	2INCH	2INCH	2 INCH
5000	1730 MM	3070MM	1INCH	2 INCH	2 INCH	2 INCH

**KING PURE TECHNICAL SPECIFICATIONS**  
**KING PURE NONINSULATED WATER TANKS**

CAPACITY	DIAMETER	HEIGHT WITH STAND	INLET	OUTET	OVERLOW	DRAIN
100	610MM	800MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
200	610MM	1000MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
300	770MM	1000MM	3/4 INCH	3/4 INCH	3/4 INCH	3/4 INCH
500	710MM	1500MM	1 INCH	1 INCH	1 INCH	1 INCH
750	770MM	1500MM	1INCH	1 INCH	1 INCH	1 INCH
1000	980MM	1600MM	1INCH	1 INCH	1.5 INCH	1 INCH
1500	1200MM	1810MM	1INCH	2 INCH	2 INCH	2 INCH
2000	1780MM	1810MM	1INCH	2 INCH	2 INCH	2 INCH
2500	1440MM	1850MM	1INCH	2 INCH	2 INCH	2 INCH
3000	1630MM	1810MM	1INCH	2 INCH	2 INCH	2 INCH
4000	1630MM	2270MM	1INCH	2INCH	2INCH	2 INCH
5000	1630MM	2870MM	1INCH	2 INCH	2 INCH	2 INCH



**Kingpure Product Features**



**ROBOTIC WELDING**



S.S. Grade  
Embossed on Tank



Easy Drainage  
Total wash drain which makes it  
easy to clean as well as  
accelerate draining dirty water



Sediments  
Drainage Pipe



Reinfor ced Wall  
designed with concept of triple  
bone which is positioned  
at four vital positions in tanks so  
strengthen the walls and prevent  
tank rupture due to pressure



Hygeinic Medical /  
Surgical Stainless Steel  
We use the most hygienic Stainless  
Steel grades of European Standard  
En1 .4404  
and EN1.4462

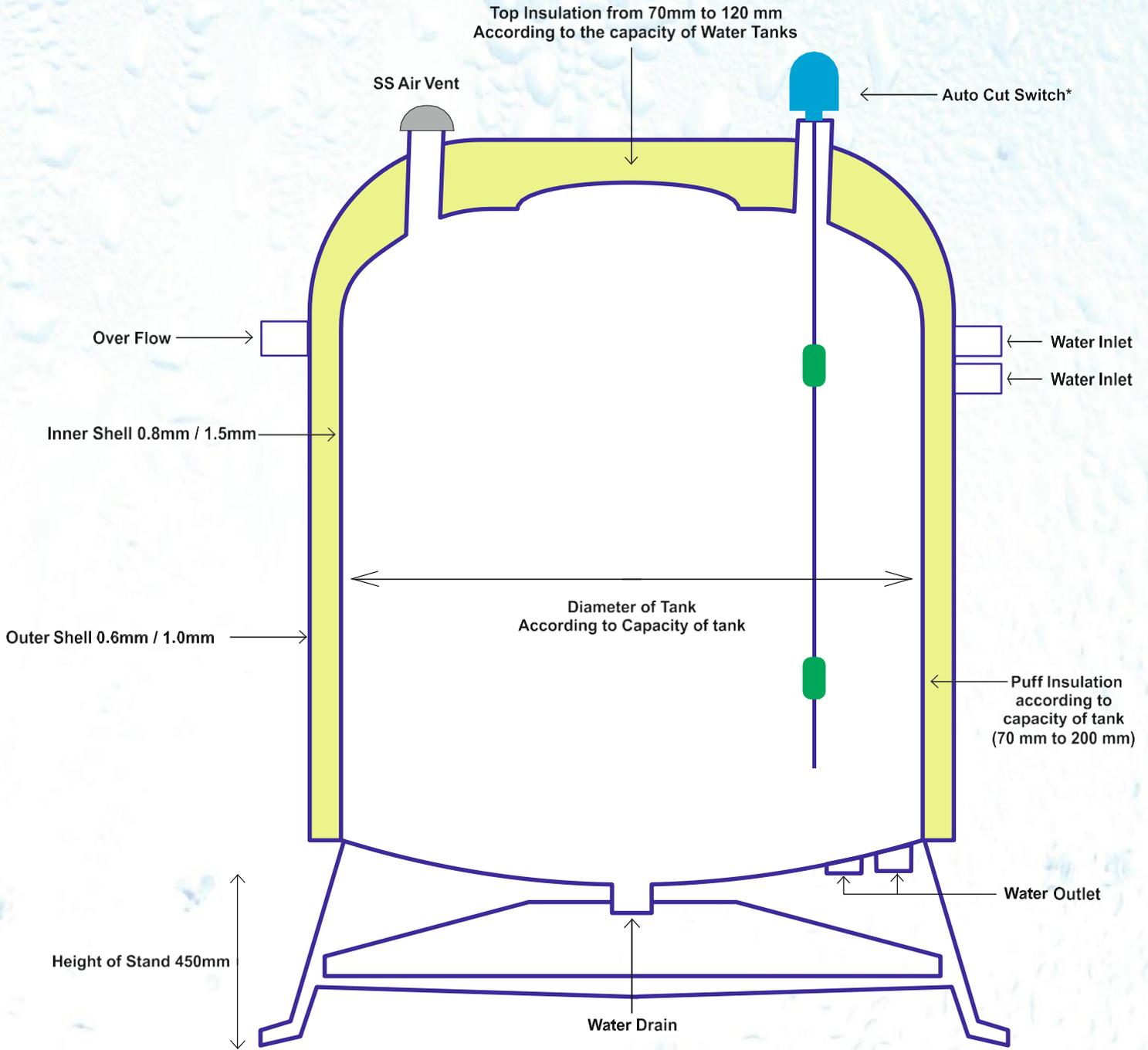


Water Level Controller  
Automatic water level controller so  
that the water does not  
exceed the capacity of the tank

**5** Layers Tanks  
**7** Layers Tanks

Puff Insulation, Density  
Based Technology  
Increased Heat Resistance

Density Based Technology  
With Formation of Thermal Coating  
Increased Heat Resistance More  
And Effectively

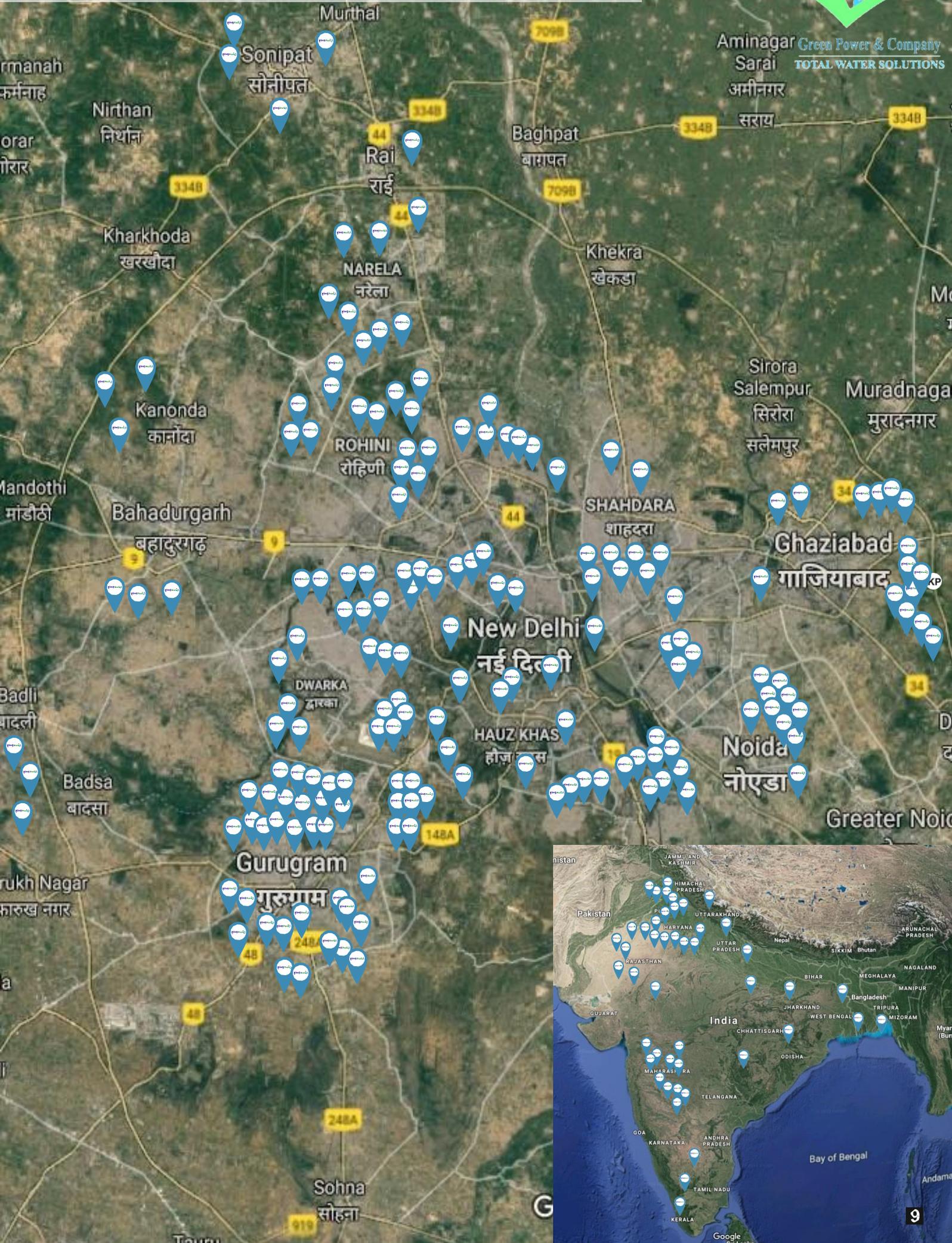


### Available Options

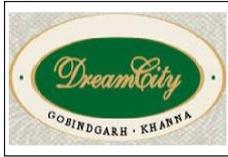
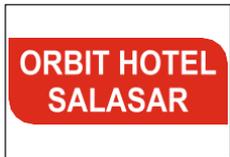
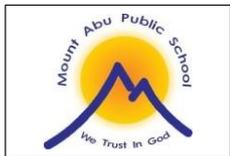
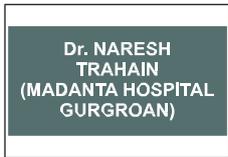
Inner Shell SS 304 + outer Shell SS 304  
 Inner Shell SS 316L + Outer Shell SS 304  
 Inner Shell SS 316TI + Outer Shell SS 304  
 Inner Shell 2205 Duplex Outer Shell 304

### Available Finish for Outer Shell

**Stainless Steel - Hairline Matt Finish**



## LIST OF PREMIUM CLIENT



## KING PURE SITES



RESIDENCES



SCHOOL



HOSPITAL



HOTELS





# GREEN POWER AND COMPANY

439 D, 2<sup>nd</sup> C Road, Sardarpura,  
Jodhpur (Rajasthan)

[www.greenpowerandcompany.com](http://www.greenpowerandcompany.com)



Website: [www.kingpure.in](http://www.kingpure.in)

Mfg.

M/s Shree Jee water Tower Industries  
Plot No. 162 HSIIDC Phase 1 Industrial Estate Barhi  
District Sonipat Haryana

Contact Details:

**Helpline: 1800 - 1 - 206 - 206**

E-mail: [kingpure89@gmail.com](mailto:kingpure89@gmail.com)

[facebook.com/kingpuresswatertanks](https://www.facebook.com/kingpuresswatertanks)

**Insulated & Non Insulated Stainless Steel Water Tanks**



An ISO 9001:2015 certified Company

**King of Purity**