SPJ BUILDING SERVICES PVT. LTD.

Why SPJ BUILDING SERVICES PVT LTD

Whether you're a small or large company, local or global, you'll enjoy personal attention from our top experts. We'll guide you through all phases of your project… and beyond. Our customers rely on us as their long-term partner in water treatment for general & Reverse osmosis system (RO system) and applications – to help reduce costs, increase efficiency and extend the life of their quality. Due to our quality products and customer-oriented approach, we have been successful in developing a large export market in different countries and are widely appreciated in the market.

QUALITY MANAGEMENT

It is our company's policy to systematically inform all employees about quality expectation, to encourage the sense of ownership for the defined quality targets and to train all personnel accordingly.

TREATMENT SCHEME: RAW WATER TANK- RAW WATER FEED PUMP- SAND FILTER- ACTIVATED CARBON FILTER- MICRON FILTER- HIGH PRESSURE PUMP- MEMBRANE- UV SYSTEM- TDS METER- ROTA METER- TREATED WATER TANK.

SLNo	DESCRIPTION	SPECIFICATION
A	**TECHNICAL DETAILS OF RO SYSTEM**	
1.	PRODUCT NAME	**DRINKING WATER**
2.	MODEL	**SPJ- 1 - 5000**
3	CAPACITY	**250 LPH – 10000 KLD**
4	TYPE OF SYSTEM	**AUTOMATIC/ SEMI AUTOMATIC**
5	ELECTRICAL LOAD	**1.0 KW TO 40 KW**
6	MOC	**SS-304/ FRP/ PVD**
7	TREATMENT SCHEME	**SF,ACF,MF, ULTRA, NANO, MEMBRANE, UV & OZONATION**
8	PIPING & FITTING	**SS, PVC**
9	MATERIAL OF M HOUSING	**ABS/ SS**
10	MATERIAL OF SKID	**MS/ SS-304,**
11	INPUR TDS	➢ **15000 PPM**
12	**OUTPUT TDS**	**<100 PPM**

- Less sensitivity to shock loading.
- Clog free operation
- No channels or dead spots.
- Provides high better quality.
- Make - Bio-Reactors extremely compact.
- Longer Life.
- Extremely easy to install

SPJ BUILDING SERVICES PVT LTD

WATER ATM SYSTEM

At **SPJ BUILDING SERVICES P LTD**, we manufacture water ATMs by using the latest and advance **water purification system**, and our water ATM is made by our team locally in India. From the beginning, we are focused on bringing the latest technology-based water ATMs to resolve the drinking **water issues** in the area where people do not easily get access to healthy water.

Types Of Water ATM

However, a water vending machine can be categorized into several categories, but here we have listed some of the most crucial types of water ATM, and these are

•**Card Operated Water ATM**- The specific smart card operates this form of water ATM. A Card operated water ATM is suitable for that area where the water consumption per person is comparatively high

•**Coin Operated Water ATM**- A Coin operated water ATM operated by specific kinds of the coin to get a certain amount of clean and drinkable water. This form of water ATM is suitable for public places where water demand per person is comparatively less

•**Coin & Card Operated Water ATM**- This form of water ATM is suitable for that area where water demand is not fixed. It means a coin-operated and card-operated water ATM can be suitable for both low and high demand for water per person.

Water ATM Applications

•**Village**- In India, more than 70 rural population feed groundwater, and groundwater is the main source of waterborne disease. Having a water ATM in rural area can provide clean and healthy water access to the people living in the village at the nominal price

•**Hospital**- Hospitals are the most important places for safe and hygienic drinking water because a single contaminant in water can ruin patient health badly. And in hospitals not only patient needs clean water but their respective family to needs clear water for drinking

•**Schools**- Waterborne diseases are vulnerable among kids, and the most common waterborne disease in infants is diarrhoea. Water ATM set up in school ensure improved health of students

•**Colleges**- Colleges are also one of the needs places for safe drinking water because most of the students living away from their homes and drinking contaminated water may ruin their health badly

•**Metro Station/Railway Station**- In our nation, millions of people travel every day and during travelling people **drinking water** quality get compromise but because of water ATM now people can drink pure water that is at the nominal price

Why Is SPJ BUILDING SERVICES PVT LTD Water ATM Best?

At SPLBSPL, we manufacture modern and technologically advanced water ATMs that can bring pure and clear water irrespective of the water source. And our manufactured water ATM is not only based on the latest technology but also a cost-effective and low maintenance machine. Along with this, we ensure good pre and post-sales service, which make us the number one choice for water ATMs in India.

IRON REMOVAL FILTER : SPJ INTRODUCE a Iron removal filter cartridges filled with **approved media**. They reduce the concentration of iron in water. The series includes two-stage (polypropylene-iron removal) cartridge, which Additionally removes sediments such as sand, silt, rust and suspended solids. **SPJ** series Cartridges are dedicated for cold water filtration

SAND/MULRIGRADE / DUAL MEDIA FILTER: In pressure sand filter raw water flows down wards through the filter bed and as the suspended matter- which has usually been treated by addition of a coagulant like alum- is retained on the sand surface ands between the sand grains immediately below the surface. There is steady rise in the loss of head as the filtration process continues and the flow reduces once the pressure drop across the filter is excessive.

SF/MGF/ACF FILTER

IRON/ARSENI/FLUORIDE REMOVAL FILTER

ACTIVATED CARBON FILTER: An activated carbon filter (ACF) works on the principle of adsorption; filter medium adsorbs or reacts with a pollutant molecules then filtered water is drained out. Activated carbon which is used as medium to remove contaminants is natural material derived from coconut shell, lignite, bituminous coal etc. further, activated by chemical or steam under absence of oxygen with high temperature around 1000°C. Specific contaminants can be removed by employing blends of various carbons.

Features & Advantages

Removes odor, bad taste, chlorine and lead	Can be used for pre-treatment
Available in powdered or granule carbons	C Tanks available in FRP or Epoxy MS
Maximum carbon utilization	NABL testing certificate
Custom size configuration	Manual or automatic operation

Model	SPJF30	SPJF40	SPJF55	SPJF70	SPJF90
Flow Rate (LPH)	30000	40000	55000	70000	90000
Vessel Dia (mm)	1500	1800	2100	2200	2600
Vessel Height (mm)	1800	1800	1800	2000	2000
Shell Thickness	8mm	8mm	8mm	10mm	10mm
Dish Thickness	8mm	10mm	10mm	12mm	12mm
Activated Carbon	1300 kg	1500 kg	1600 kg	1850 kg	3000 kg
Pressure Vessel	MSEP (Mild Steel with epoxy)				
Piping	MS Rubber coated				
Frontal Piping	100 Dia.	100 Dia.	125 Dia.	150 Dia.	150 Dia.
Backwash	Manual backwash as standard				
Collection System	Header / Lateral				
Type of Valve	Butterfly Valve				
Options	- Automatic backwash controls - pre / post- filter pressure gauges - Air blower,- ASME stamped (steel vessels only) - SA 516 Grade 70 - NABL Testing Certificate				

Regds Office : HR29/B1, 60 FT ROAD PUL PRAHALADPUR, NEW DELHI - 110044,
TEL NO – +91-8505915452. Email: spjbuilds@gmail.com, **Web:** www.spjbuilds.com,