

# *PRODUCTS & SERVICES CATALOGUE*

*KNOW ABOUT US & LEARN HOW WE WORK  
TOWARDS BUILDING A BETTER TOMORROW*



**Tubewell Drilling and  
Rainwater Harvesting**



**GRUNDFOS Pumps for  
Commercial Buildings**



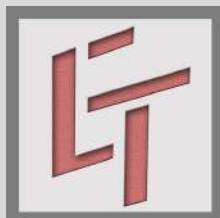
**AO Smith Heat  
Pump Water Heaters**



**Water Treatment and  
components**



**Expansion Tanks / Hot  
Water Storage Tanks**



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# ABOUT US

From conceptualization, designing to final installation, we offer comprehensive project execution services like Tubewell Drilling, Pile Foundation, Water Treatment and Rain Water Harvesting for our customers. By offering stature products and consolidated services, we have earned a coveted list of clientele to our credit. Our organization has been accredited with UDYOG RATTAN award for excellence in workmanship. We are constantly implementing innovative technology in order to improvise our services. We are one of the most prominent distributors of Grundfos Pumps that are used in various applications. Our business operations are done directly or through most proficient architects and consultants.

## **Our Journey**

Our journey initiated in the year 1989, under the dynamic leadership of Mr. A.K. Sharma. We started with a small office cum residence and with utmost perseverance and desire to excel, we have grown by leaps and bounds. Today, we have well-equipped offices and are serving a voluminous number of government & public sector companies, hospitals, schools, farm houses, housing societies, real estate developers etc.

## **Organizational Motto**

Our organization's mission is to achieve customer satisfaction as we believe in the notion "Customer Is the King". We adapt and implement the latest technology in the business operations in order to deliver world-class products and comprehensive services to the clients. Moreover, we also endeavour to develop epitome of ethical and long-lasting relationships both with our customers and our fellow business associates.

## **Our Infrastructure and Team**

Both the companies are boosted by strong infrastructural setup and expert manpower. We have excellent networking with reliable vendors from diverse industries. With our cordial and long lasting relations with our fellow business associates, we can ensure successful completion of work within the stipulated time frame and at the most competitive prices. The company has all the required tools and machinery for completion of projects. Our manpower comprises of water experts and skilled labours. Together, we work in full coordination and supplement each other. The team does deep analysis of client's requirements and design plan that adheres to their specifications.

## **Quality Orientation**

Quality is fundamental and obligatory at our business' core principles. We are well aware of the fact that by delivering stature services and products, we can achieve our aim of customer satisfaction. We have Quality Experts who ensure that all the pre and post project operations are as per set international standards. From conceptualization to the final commissioning of the project, all the core activities are scheduled under their surveillance. Moreover, we constantly conduct market surveys to adapt and implement innovative technology in our project execution operations.

## **Customized Services**

Every Customer has it's own unique specifications and requirements. We ensure to deliver "Customized Services" i.e. products & services that are in compliance with customer's needs. Our experts comprehensively analyse varied factors such as the size of plant, environment, completion deadlines etc. and then formulate/ suggest products specifically meant for the analysed need. Our technocrats maintain a close proximity to the client's team in order to ensure complete satisfaction.

# TUBEWELL DRILLING & RAINWATER HARVESTING



## DRILLING - WELL DRILLING/ GEOTHERMAL DRILLING/ SURVEYS

We cater to different types of drilling in varied formations. Our organization has successfully executed work on some of the most difficult underground formations in India and neighbouring countries. With the aid of our infrastructural set up, we have executed the works in most of the areas with capacity up to 1600 feet. We also undertake health checkup of existing systems.



## MODULAR RAINWATER HARVESTING SYSTEMS

We have immense pleasure in introducing Precast Modular Step Well Rainwater Harvesting System from 'Furaat', a design led company in rainwater conservation. We help individuals and institutions in conserving rainwater. We also facilitate Corporates to undertake rainwater conservation initiatives under CSR. Our solutions are in form of Pre Cast modular systems that can adapt itself to various site conditions and are highly reliable & efficient. Furaat's patent forwarded system filters rain water that can be used later for various water requirements.

### Advantages of the system:

- Quick Installation
- Aesthetic Look & Detailing
- Flexibility in volume & Depth of well
- Good Quality Precast Slabs
- Well can be reused/recycled
- Integrated Large Steps for climbing down, hence easy to maintain
- One Skilled and two unskilled labourers can assemble this well within hours
- Well can be erected around bore well without switching off its power
- Well can be assembled without using any special devices like chain pulley as weight of each slab facilitates working with simple tools, this makes assembly hassle free in rural areas

visit <http://rainwater.empiretubewells.com> for technical details and installation/maintenance videos

# GRUNDFOS PUMPS FOR COMMERCIAL BUILDINGS

GRUNDFOS  
AUTHORISED  
DISTRIBUTOR

GRUNDFOS 



From hotels and hospitals to office towers and airports, commercial buildings have vastly different requirements. Grundfos offers a complete range of pumping solutions that ensure optimal comfort and safety in any application while providing cutting-edge energy efficiency.



## Air Conditioning, Cooling

Grundfos' intelligent high-quality pumps guarantee performance and reliability in any cooling/heating application. Control and connectivity features from Grundfos enable you to design energy-efficient solutions that keep your buildings' temperature in perfect control.



## Pressure Boosting & Water Distribution

Dependable pressure boosting solutions from Grundfos guarantee high energy efficiency at low noise levels and address all potential system issues with cutting-edge operation and control features such as our proportional pressure function. Distribution Pumps include the solar pumps which utilise renewable solar energy.



## Fire Protection

We help you put safety first, all the way from specification to installation, training and maintenance. Grundfos designs and delivers everything from simple pump-driven systems to highly innovative engineered and packaged solutions.



## Wastewater and Disinfection

The wastewater area is complex. Grundfos' proven wastewater and disinfection technologies build on decades of experience and innovation, providing you with specialised pumps, accessories and solutions for drainage water, surface water, grey water and black water.

# HEAT PUMP WATER HEATERS



Innovation has a name.



A.O. Smith is one of the world's leading manufacturers of residential and commercial water heating equipment, offering a comprehensive product line.

The technology inside the heat pump is similar to any domestic refrigerator, which uses a vapour compression cycle. The main components in the heat pump are the compressor, the expansion valve and two heat exchangers (an evaporator and a condenser).



## Wall Hung Heat Pump - 60/80L

- Heat pump water temperature 55°C, Max water temperature 75°C
- Timer Setting, Remote Control, Wall mounted with R134a Green Refrigerant
- Two elements back up for quick recovery, Heat Pump Input 200w, COP 2.6
- Output in heat pump mode 540W, in Hybrid Mode: 2540W



## Split type Heat Pump - 300L

- Heat pump water temperature 55°C, Max water temperature 75°C
- Timer Setting, Remote Control, Split type R134a Green Refrigerant
- Two elements back up for quick recovery, Heat pump input 1010w, COP 3.6
- Output in heat pump mode 3640W, in Hybrid Mode: 4640W



## Integrated Heat Pump Systems - 150/180/300/450L

- Heat pump Max water temperature 55°C (150/180L) or 65°C (300/450L)
- Timer Setting, Remote Control, R134a Green Refrigerant, Glass Lined tank
- Heat pump input 500w, COP 3.8 (150/180L), 0.98kW and 2.25kW (300/450L)
- Suitable for residences, farmhouses, clubhouses, villas, hotels, hospitals



## High Capacity Heat Pump - With External Storage (as required)

- High Capacity Upto 13.2kW (Heat Pump Input power)
- Installed with custom storage tanks (glass lined preferred - turn overleaf)
- Power off memory, energy saving
- Support for auxiliary heaters (central controller provided)

# WATER TREATMENT AND COMPONENTS



With an experience of Plant room Plumbing, We now undertake turnkey water treatment projects for Commercial building segment. Some of our key Projects undertaken are: Taj Vivanta (Gurgaon), Central Park, Dhoot, and more.

Below are some components we deal in:



## Membrane Products by QUA - Ultrafiltration, EDI, MBR

QUA is an innovator of advanced membrane products that address the most demanding water challenges. The company's diverse product portfolio includes electrodeionization, ceramic and polymeric ultrafiltration, and submerged membranes for wastewater applications. These products include FEDI® (fractional EDI), Q-SEP® (hollow fiber UF Membranes), and EnviQ® (MBR).



## Disc and Screen Filters by AZUD

AZUD is a leader company in the production of filtering systems. AZUD is established in more than 70 countries in the five continents and counts with a very important number of subsidiaries and distributors. Their products include manual and automatic disc and screen filters. From domestic to commercial building/ industries, AZUD has a wide range of filters for particulate filtration in water.



## GRUNDFOS High Pressure and Dosing Pumps, Disinfection Systems

Water treatment is technology-driven and heavily regulated, and you need a partner who offers pump, dosing and disinfection solutions for the entire water treatment process. Whether you are looking for packaged solutions or individual pumping products for each stage of the water treatment cycle, Grundfos offers a range of high-quality products and unique expertise.

## Our Partners

Our partners contribute more than just their products. Their ideas, dedication, endless support and more are helping us serve the building industry better.





# EXPANSION TANKS, HOT WATER BUFFER AND STORAGE TANKS

## EXPANSION TANKS

The correct pressure is the fundamental requirement for the proper operation of water-based heating, solar, cooling and pressure booster systems. Reflex expansion vessels offer a simple and smart solution. These are available in 10, 16 and 25bar configurations, with both diaphragm and replaceable type bladders.



## HOT WATER (GLASS LINED) STORAGE TANKS

Storatherm series is Reflex's Hot Water Storage Solution. These tanks can be used as buffer storage tank for heating, with options available to include an electrical flange heater. The tanks can also be provided with single or double heat transfer coils. The double coil system helps you to simultaneously use two heating sources to heat water.



## ABOUT REFLEX

Reflex Winkelmann GmbH is one of the leading international solutions providers for the development and maintenance of water-bearing systems for building and supply technology. The company is headquartered in Germany.



## **QUICK SNAPSHOT of WHAT WE**

### **DO**

- Tubewell Drilling
- Rainwater Harvesting
- Dewatering
- Pile Foundation
- Grundfos Pumps for Commercial Buildings and Water Treatment
- Grundfos Pumps for Domestic and Water Transfer Applications
- AO Smith Heat Pump
- AZUD Disc and Screen Filters
- Ultrafiltration membranes by QUA
- FEDI (Fractional Electrodeionisation) by QUA
- MBR (Flat Sheet Submerged) by QUA
- Expansion tanks by REFLEX
- Glass Lined Tanks by REFLEX
- Pump Room Plumbing and Water Treatment

## **How to Reach Us?**

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**Email and Customer Care on Front Cover**