NG
water processors

NG WATER PROCESSORS

ADVANCED WATER TREATMENT &
INFRASTRUCTURE SOLUTIONS

WATER TREATMENT	RO SYSTEMS	WATER SOFTENER	PUMPING SYSTEMS	HEAT PUMPS	SWIMMING FOOL SYSTEMS	FOUNTAIN SYSTEMS	STP PLANTS	STP PLANTS

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Trusted by industries, institutions and commercial enterprises for delivering dependable water treatment infrastructure and sustainable engineering solutions.

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ABOUT NG WATER PROCESSORS

NG Water Processors is one of Gujarat's trusted water treatment engineering companies delivering advanced solutions for industrial, commercial and residential applications.

With years of engineering expertise, we specialize In Industrial RO Plants, Water Softeners, Sewage Treatment Plants (STP), Effiuent Treatment Plants (ETP), Pressure Booster Pumps, Swimming Pool Filtration Systems, Heat Pumps, Domestic RO Systems, Decorative Fountain Systems and complete customized water treatment infrastructure.

Our commitment to innovation, quality engineering and after-sales support enables us to deliver reliable, energy-efficient and sustainable water solutions across diverse industries.

- Complete Water Treatment Solutions
- Premium Engineering & Manufacturing
- Energy Efficient Systems
- End-to-End Installation & Support

INDUSTRIES WE SERVE

- Residential
- Commercial
- Industrial
- Hospitality
- Healthcare
- Municipal Infrastructure

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INDUSTRIES WE SERVE

Delivering customized water treatment, wastewater management, pumping and utility solutions across diverse industrial, commercial and institutional sectors.

- Agricultural Industry
- Automobile Industry
- Biotechnology Industry
- Chemical & Fertilizer Industry
- Construction Industry
- Distillery & Brewery Industry
- Dairy Industry
- Electronic Industry
- Electroplating Industry
- Engineering industry
- Food & Beverage Industry
- Fisheries Industry
- Food Processing Industry
- Hotel & Restaurant Industry
- Hospitals
- Leather Industry
- Metal Plant
- Municipality
- Paint Industry
- Pharmaceutical Industry
- Paper & Pulp Industry
- Petrochemical Industries
- Power Plant
- Plastic Industry
- Rubber Industry
- Sugar industry
- Textile industry
- Tannery Industry

PROCESS WATER TREATMENT

- RO Systems
- Softeners
- Filtration Systems

UTILITY WATER MANAGEMENT

- Booster Pumps
- Hydro Pneumatic Systems
- Heat Pumps

WASTEWATER TREATMENT

- STP Solutions
- ETP Solutions
- Water Recycling

SPECIALIZED APPLICATIONS

- Swimming Pools
- Fountains
- Scale Prevention Systems

CUSTOMIZED INDUSTRY SOLUTIONS

- Application-specific engineering
- Customized system design
- Efficient water management
- Sustainable treatment solutions
- Performance optimization
- Long-term operational support

SERVING INDUSTRIES WITH ENGINEERED WATER SOLUTIONS

From manufacturing plants and commercial facilities to healthcare institutions and municipalities, NG Water Processors delivers reliable water infrastructure solutions tailored to every application.

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OUR WATER SOLUTIONS PORTFOLIO

Comprehensive water treatment, pumping, filtration, heating and wastewater solutions engineered for residential, commercial and industrial applications.

1. REVERSE OSMOSIS SYSTEMS

2. WATER SOFTENERS

3. PRESSURE BOOSTER PUMPS

4. HYDRO PNEUMATIC SYSTEMS

5. HEAT PUMP SYSTEMS

6. WATER CHILLERS

7. SWIMMING POOL FILTRATION

8. POOL TEMPERATURE CONTROL

9. DOMESTIC R.O. SOLUTIONS

10. SCALE PREVENTION SYSTEM

11. FOUNTAIN SYSTEMS

12. STP & ETP SOLUTIONS

RESIDENTIAL SOLUTIONS

- Domestic RO
- Water Softeners
- Booster Pumps
- Pool Systems

COMMERCIAL SOLUTIONS

- Hotels
- Hospitals
- Commercial Buildings
- Fountains

INDUSTRIAL SOLUTIONS

- RO Plants
- ETP/STP
- Chillers
- Heat Pumps
- Process Water Systems

COMPLETE WATER INFRASTRUCTURE EXPERTISE

- Design & Engineering
- Supply & Installation
- Testing & Commissioning
- Annual Maintenance
- Technical Support
- Customized Solutions

END-TO-END WATER MANAGEMENT SOLUTIONS

From drinking water purification and pressure management to wastewater treatment and aquatic systems, NG Water Processors delivers complete engineered solutions under one roof.

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INDUSTRIAL RO PLANTS

High-performance reverse osmosis systems engineered for industrial water purification and process water applications.

KEY FEATURES

- High Recovery Efficiency
- Advanced Membrane Technology
- Low Operating Cost
- Automated Control System
- Modular Design
- Reliable Performance

Food & Beverage

Pharmaceutical Industry

Textile Industry

Manufacturing Facilities

SYSTEM BENEFITS

- High-quality purified water
- Reduced maintenance requirements
- Energy-efficient operation
- Long membrane life
- Scalable plant capacities
- Consistent water quality output

CUSTOMIZED INDUSTRIAL RO SOLUTIONS

Engineered to meet specific water quality requirements and operational demands across diverse industrial sectors.

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WATER SOFTENERS

Advanced water softening systems engineered to eliminate hardness, improve equipment life and enhance operational efficiency.

KEY FEATURES

- Effective Hardness Removal
- Automatic Regeneration
- High Flow Capacity
- Low Maintenance
- Durable FRP Construction
- Long Service Life

APPLICATIONS

- Hotels & Hospitality
- Hospitals & Healthcare
- Industrial Boilers
- Commercial Buildings

SYSTEM BENEFITS

- Prevents scale formation
- Extends equipment lifespan
- Improves heat transfer efficiency
- Reduces maintenance costs
- Enhances water quality
- Supports consistent system performance

HIGH-PERFORMANCE WATER SOFTENING SOLUTIONS

Customized softening systems designed to deliver reliable performance across industrial, commercial and institutional applications.

NG waterprocessors

HEAT PUMP SYSTEMS

Energy-efficient heating solutions engineered to deliver sustainable hot water generation for commercial, industrial and institutional applications.

KEY FEATURES

- High Energy Efficiency
- Hot & Cold Water Mode
- Low Operating Cost
- Environment Friendly Technology
- Smart Temperature Control
- Reliable Year-Round Performance
- Long Equipment Life
- Fast Water Heating

IDEAL APPLICATIONS

- HOTELS & RESORTS
- HOSPITALS & HEALTHCARE
- RESIDENTIAL COMMUNITIES
- INDUSTRIAL FACILITIES

SYSTEM BENEFITS

- Significant energy savings
- Reduced carbon footprint
- Continuous hot water availability
- Lower maintenance requirements
- Improved operational efficiency
- Sustainable heating solution
- Reduced operating costs
- Long equipment lifespan

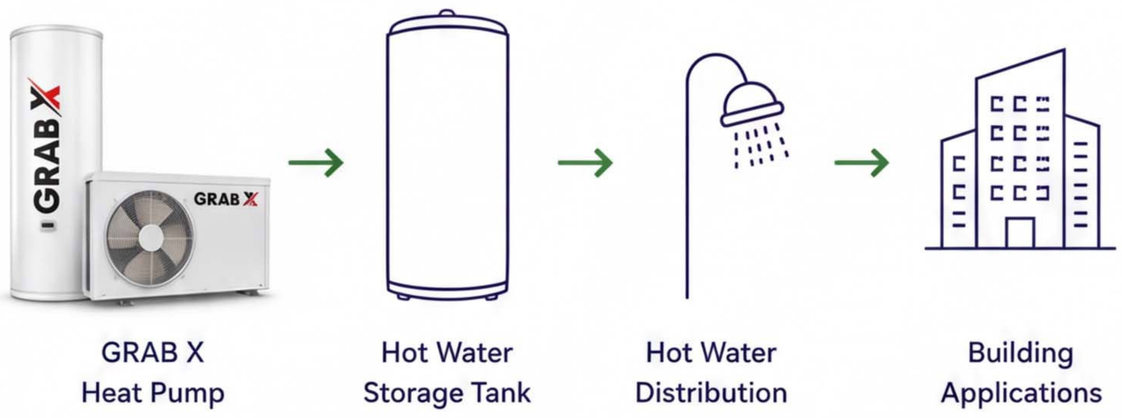
WHY GRAB X HEAT PUMP?

- ENERGY SAVING TECHNOLOGY
- SMART TEMPERATURE CONTROL
- RELIABLE PERFORMANCE
- ECO-FRIENDLY OPERATION

HEAT PUMP vs CONVENTIONAL ELECTRIC HEATING

PARAMETER	HEAT PUMP	CONVENTIONAL ELECTRIC HEATING	ADVANTAGE
Energy Consumption	↓ 60 – 70%	High	Significant Saving
Operating Cost	↓ Low	High	Lower Cost
Efficiency	↑ 5 – 5 GDP	↓ Low Efficiency	Higher Efficiency
Environmental Impact	↓ Low Emissions	High Emissions	Eco-Friendly
Annual Operating Savings	Up to 60%	–	High Savings

SYSTEM INTEGRATION



SMART & SUSTAINABLE HEATING SOLUTIONS

Powered by GRAB X Heat Pump technology, engineered to deliver efficient, reliable and environmentally responsible hot water systems.

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SWIMMING POOL FILTRATION SYSTEMS

Advanced pool water filtration and circulation systems engineered to maintain crystal-clear, hygienic and safe swimming environments for commercial and residential applications.

KEY FEATURES

- Crystal Clear Water Quality
- Multi-Stage Filtration Technology
- Automated Water Circulation
- UV Sterilization Integration
- Low Maintenance Operation
- Long Equipment Life

SYSTEM COMPONENTS

- Sand Filtration Unit
- Circulation Pump System
- UV Disinfection Module
- Chemical Dosing System

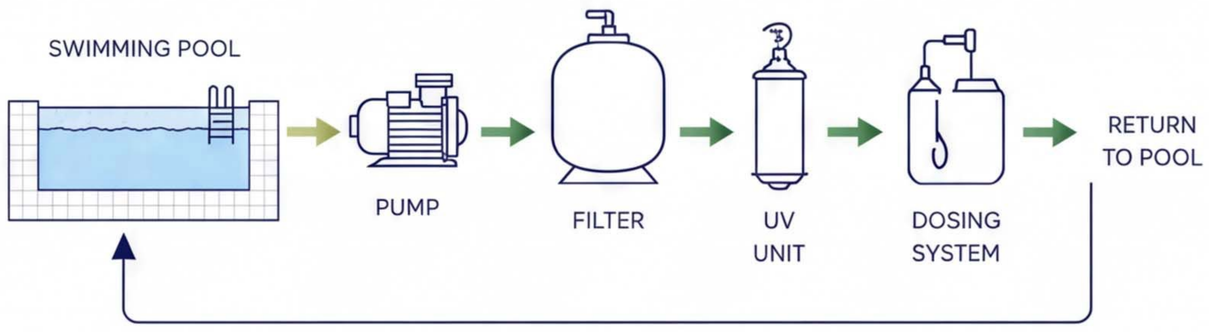
APPLICATIONS

- Hotels & Resorts
- Residential Communities
- Sports Clubs
- Water Parks

SYSTEM BENEFITS

- Superior water clarity
- Enhanced swimmer safety
- Reduced chemical consumption
- Consistent water quality
- Lower operating costs
- Energy-efficient circulation
- Reduced maintenance requirements
- Long-term system reliability

POOL WATER FLOW DIAGRAM



INDUSTRY STANDARDS

SAFE WATER QUALITY
Ensures hygienic and safe swimming conditions.

EFFICIENT FILTRATION PERFORMANCE
Advanced technology for optimal filtration and clarity.

SUSTAINABLE OPERATION
Energy-efficient systems for environmentally responsible performance.

COMPLETE POOL WATER MANAGEMENT

Engineered filtration solutions designed to deliver exceptional water quality, operational efficiency and long-term performance for modern aquatic facilities.

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WATER CHILLERS

Precision cooling systems engineered for industrial process applications, commercial infrastructure and temperature-controlled operations.

KEY FEATURES

- High Cooling Efficiency
- Precise Temperature Control
- Energy Efficient Operation
- Smart Digital Monitoring
- Reliable Continuous Performance
- Heavy-Duty Industrial Design

SYSTEM COMPONENTS

- Compressor Unit
- Heat Exchanger
- Control System
- Cooling Circuit

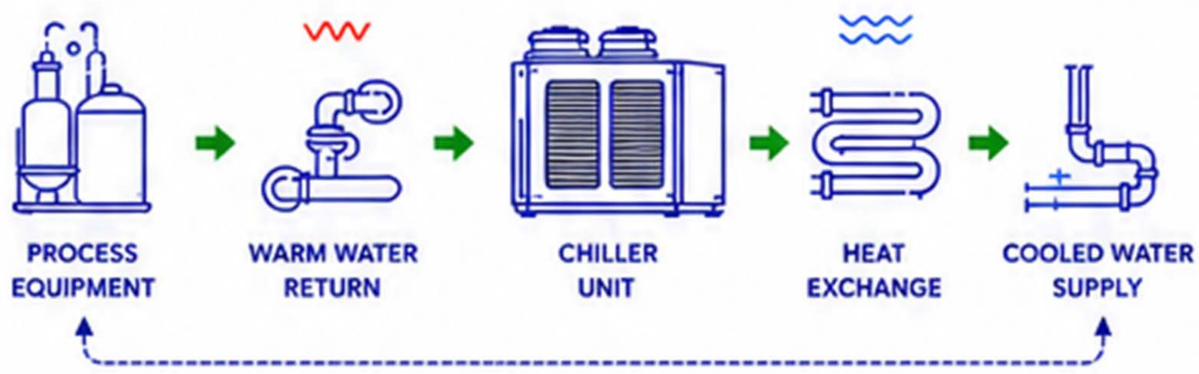
APPLICATIONS

- Pharmaceutical Manufacturing
- Food & Beverage Processing
- Plastic & Chemical Industry
- Commercial Infrastructure

SYSTEM BENEFITS

- Stable process cooling
- Improved production efficiency
- Reduced energy consumption
- Precise temperature regulation
- Extended equipment lifespan
- Reliable continuous operation
- Reduced maintenance requirements
- Enhanced system performance

COOLING PROCESS DIAGRAM



PERFORMANCE HIGHLIGHTS

HIGH EFFICIENCY COOLING

Optimized design for maximum cooling performance.

STABLE TEMPERATURE CONTROL

Maintains precise and consistent temperature under all conditions.

LOW OPERATING COST

Energy-efficient technology reduces total operational cost.

PRECISION INDUSTRIAL COOLING SOLUTIONS

Engineered to deliver reliable temperature control, operational efficiency and long-term performance for modern industrial and commercial facilities.

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STP & ETP SOLUTIONS

Advanced sewage treatment and effluent treatment systems engineered to deliver sustainable wastewater management and environmental compliance.

TREATMENT CAPABILITIES

- Sewage Treatment Plants (STP)
- Effiuent Treatment Plants (ETP)
- Wastewater Recycling Systems
- Tertiary Treatment Solutions
- Zero Liquid Discharge Integration
- Environmental Compliance Systems

SOLUTIONS PORTFOLIO

MUNICIPAL STP

Reliable sewage treatment solutions for residential communities and urban infrastructure.

INDUSTRIAL ETP

Customized effiuent treatment systems for industrial wastewater management.

WATER REUSE SYSTEMS

Advanced recycling solutions reducing freshwater consumption.

ZERO LIQUID DISCHARGE

High-efficiency treatment systems maximizing water recovery.

PROCESS FLOW

1. COLLECTION
2. PRIMARY TREATMENT
3. BIOLOGICAL TREATMENT
4. SECONDARY CLARIFICATION
5. TERTIARY FILTRATION
6. REUSE / DISCHARGE

INDUSTRIES SERVED

- Residential Townships
- Manufacturing Industries
- Pharmaceutical Plants
- Food Processing Facilities

SYSTEM ADVANTAGES

- Improved wastewater quality
- Regulatory compliance
- Water recovery optimization
- Reduced environmental impact
- Lower operating costs
- Long-term reliability
- Scalable system design
- Sustainable infrastructure development

SUSTAINABILITY BENEFITS

- Reduced Water Consumption
- Wastewater Recycling
- Environmental Compliance
- Sustainable Operations

SUSTAINABLE WATER TREATMENT SOLUTIONS

Engineered to transform wastewater into valuable resources while supporting environmental responsibility and operational efficiency.

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DOMESTIC RO SYSTEMS

Advanced residential water purification solutions engineered to deliver safe, healthy and great-tasting drinking water.

Purified Drinking Water

Multi-Stage Filtration

Compact Modern Design

Low Maintenance

KEY FEATURES

- Advanced RO Membrane Technology
- Compact Residential Design
- Multi-Stage Purification
- Safe Drinking Water Solution
- TDS Reduction System
- Easy Maintenance
- Odor & Taste Removal
- Energy Efficient Operation

WHY CHOOSE DOMESTIC RO?

Designed to provide families with consistent access to purified drinking water through advanced filtration technologies and dependable performance.

Pure Water. Healthier Living.

NGW

DECORATIVE & MUSICAL FOUNTAINS

Creating iconic water features that combine engineering precision, aesthetics and immersive visual experiences.

- Hotels & Resorts
- Public Spaces
- Commercial Developments
- Urban Landmarks

FOUNTAIN SYSTEMS

- Musical Fountains
- Dancing Water Fountains
- Architectural Water Features
- Interactive Fountains
- Decorative Landscape Fountains
- Programmable Fountain Controls
- Lighting Integration
- Water Recirculation Systems

ENGINEERED WATER ART

Combining hydraulic engineering, automation and aesthetic design to create landmark fountain installations for public, hospitality and commercial developments.

Engineering Water Into Experiences.

NGW

PROJECTS EXECUTED & CLIENTELE

Delivering reliable water treatment, utility management and engineering solutions for infrastructure, healthcare, hospitality, residential and industrial developments.

TRUSTED CLIENTS & IPROJECT ASSOCIATES

- NHSRCL – National High Speed Rail Corporation Ltd.
- The Lion Impire Club and Detoxt – Sasan Gir
- Ratnanjali Infra LLP
- Patel – Patel Infrastructure Limited
- Aarham – Multi Super Speciality Hospital
- SHC Projects Private Limited
- Kiwa By Rustic roys – Banquet & Hotel
- Sparsh & Dharma Infraspace LLP
- Evoke Dholavira
- Toy Blocks
- Lam Stays – Beyond Expectations
- बैंक ऑफ़ बड़ौदा – Bank of Baroda
- Shivam Builders Pvt. Ltd. – Since 1989 – ISO 9001:2015
- Statue of Unity Tent City-1
- Zebar – School for Children

PROJECT CATEGORIES

INFRASTRUCTURE PROJECTS
- Rail Projects
- Government Infrastructure
- Urban Development

HEALTHCARE PROJECTS
- Hospitals
- Medical Facilities
- Healthcare Utilities

HOSPITALITY PROJECTS
- Hotels
- Resorts
- Club Developments

RESIDENTIAL & COMMERCIAL PROJECTS
- Housing Developments
- Commercial Buildings
- Utility Systems

SOLUTIONS DELIVERED

- Water Treatment Systems
- Revorse Osmosis Plants
- Pressure Boosting Systems
- Heat pump Installations
- Swimming Pool Systems
- Softening Plants
- Wastewater Treatment Solutions
- Utility Water Infrastructure

> "Trusted by leading hospitals, hospitality brands, infrastructure developers and industrial organizations across India for reliable water management solutions."

ENGINEERING TRUST THROUGH SUCCESSFUL PROJECT EXECUTION

NG Water Processors continues to support infrastructure, healthcare, hospitality, commercial and industrial developments with dependable water management solutions.

NGW

CONTACT INFORMATION

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Engineering Reliable Water Solutions Since 2014