



# Bisineer®

*Total Water Solutions & Beyond*

- Bisineer® is a professionally Managed Engineering Company, Specialised in Water, Waste Water Products & Services and Energy Solutions.
- Into Manufacturing & Service for over 25 years
- Stands for Quality, After Sales Service, Innovative Solutions & Designs.
- Offers all Water Related Products & Services Under One Roof.

## Product Range

- Pumps and Pumping Systems
- Non Conventional Water Heaters  
Solar Water Heaters, Heat Pumps
- Conventional Water Heaters  
Electric-Diesel-Gas-Briquette-Firewood
- Water Treatment Plants
- Sewage Treatment Plants
- Effluent Treatment Plants
- Smart Water & Hot Water Distribution, Design & Solutions
- Water & Gas Valves
- Stainless Steel Pipes & Fittings
- Photo Voltaic Power Solutions



*Transcending Excellence  
in handling Water*

Bisineer® is a professionally managed group of Engineering companies established in 1994. The Skillful use of technology with stringent quality checks at various levels from raw material inputs to manufacturing process contributes to a top quality end product with superior performance and high degree of reliability. Our team goes that extra mile in meeting customer expectations.

## Solar Water Heater

**Capacity :** 100 - 10,000 LPD for Domestic, Industrial and Commercial use

**Special Designs :** Pressure Pump / Hydropneumatic System compatible



## Solar Power PV



Premium Solar Roof Photo Voltaic Solution System is designed to transform Residential Rooftop into an Electrical Power Generation Platform to cater to household Electrical load. The complete solution consists of Module, Inverter, Grid- Box, Mounting Structures and Cables.

FLAT ROOF		TILE ROOF	
3 KW	Single Phase	3 KW	Single Phase
5 KW	Single Phase	5 KW	Single Phase
5 KW	Three Phase	5 KW	Three Phase
10 KW	Three Phase	10 KW	Three Phase

Range : 12 Pcs 60 Cells to 38 Pcs 60 Cells Module

Clean Reliable Power -  
Whenever and Wherever it is needed.



**Bisineer®**

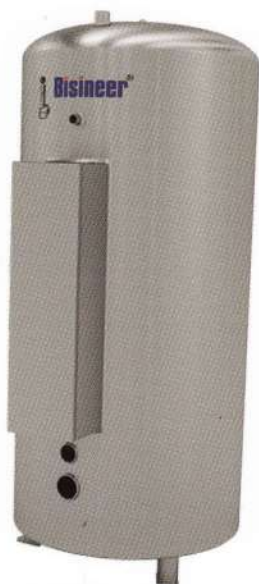
## Bio Mass / Electric / Oil / Gas Water Heater

### System Features

- Pressure compatible, pressurised system also available.
- Fuel choice of Firewood / Briquets / Husk / Gas / Electrical / Diesel or any of these fuel combinations available as an option.
- Availability of hot water round-the-clock.



BIOMASS WATER HEATER



CENTRAL ELECTRIC  
WATER HEATER / MIXING TANK

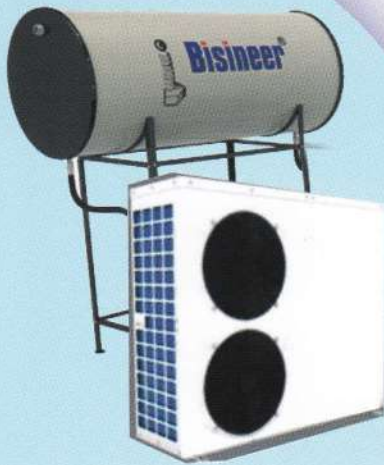


OIL / GAS CENTRAL WATER HEATER

## Heat Pump

- Takes atmospheric heat in the air and generates hot water.
- Gives output nearly four times the input energy.
- Can work effectively even at a lower ambient temp. of 5°C
- Environmental friendly. Gives out cold air as by product.
- LEED recommended.

  
**EMERSON**<sup>TM</sup>  
Emerson Heat Pump Series (EHP)

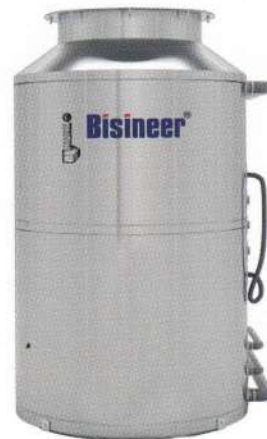


HOT WATER STORAGE TANK  
WITH HEAT PUMP

### Application :

- Commercial
- Industrial
- Hotel, Hospital, Hostel
- Domestic

Systems Integration ensures that all our equipment are engineered to work perfectly together using State-of-the-art monitoring Gadgets ensuring peak performance.



MIXING TANK

## Sewage Treatment Plants

**Bisineer**<sup>®</sup>  
WTP & STP

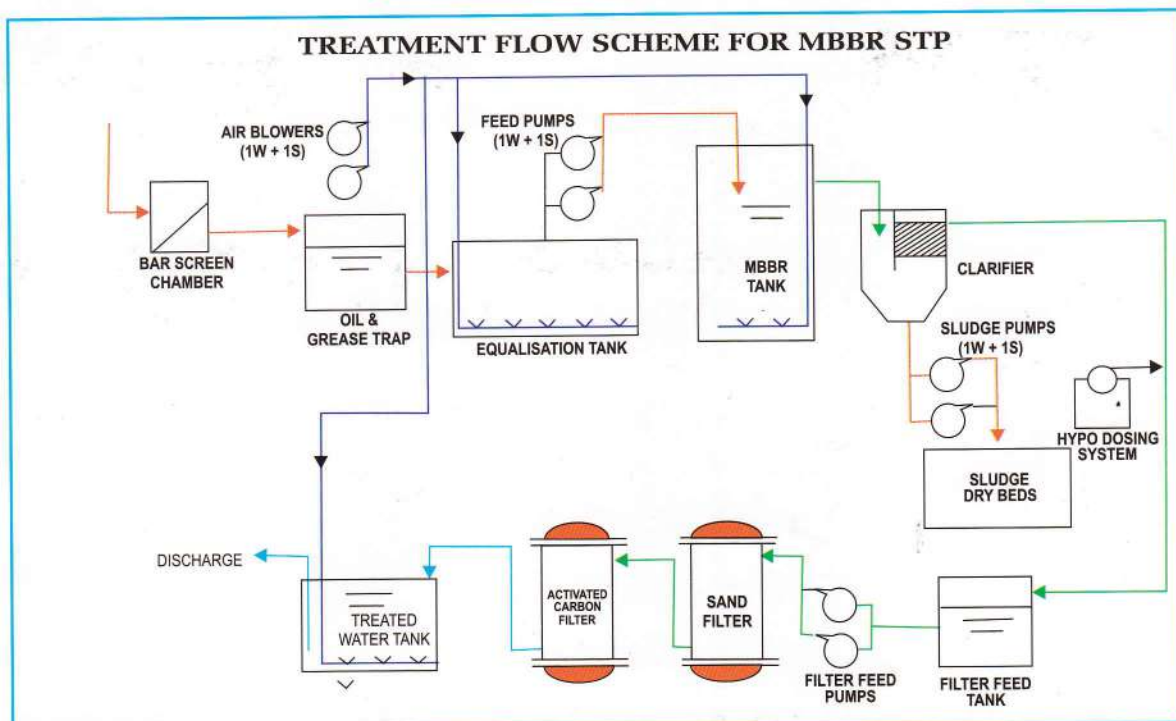
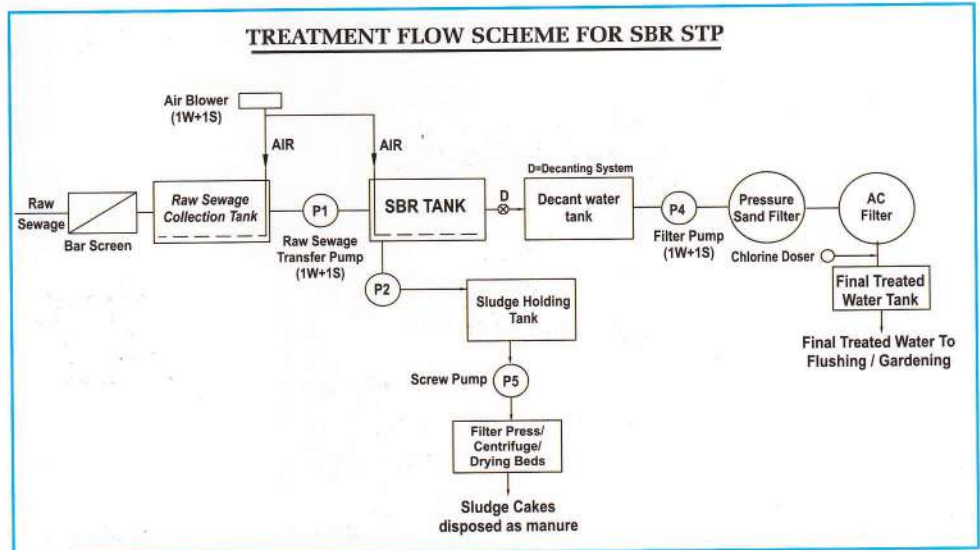
### Electrolytic - Non-Biological STP



- Does not require any Bacterial growth to be maintained.
- Almost nill sludge. Needs very less civil foot print.
- Can run at any plant load. Plant can be designed for 500 kl/d and still can be operated when generation is as low as 10 kl/d also.
- Switch On - Switch Off System.

## Biological STP

- Works on the principle of attached growth in MBBR process.
- Suspended growth process in SBR.
- Media supports the biomass in MBBR.
- Convenient batch operation in SBR.



Biological STP

## Water Treatment Plants



Sand Filter

### **PRESSURE SAND FILTER / ACTIVATED CARBON FILTER**

**Flow Capacity :** 1,000 LPH upwards

**Impurities removed :** Suspended Solids

**Mode of operation :** Auto / Manual

**Applications :** Filtration plant to reduce Turbidity.

Pretreatment of RO, UF, NF and Softeners.



Bag Filter



Industrial Water Treatment Plant

### **SOFTNER**

**Flow capacity :** 1,000 LPH upwards

**Impurities removed :** Hardness

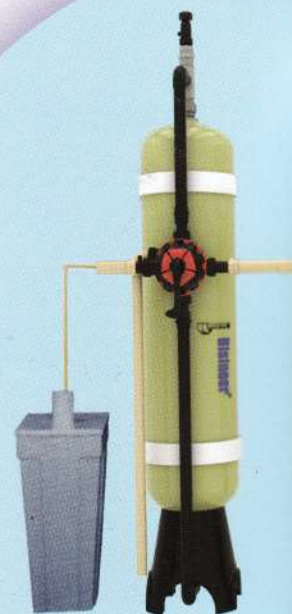
**Mode of operation :** Auto / Manual

**Applications :** Water Softening,

Pretreatment of RO / Boiler feed.



Auto Multiport Valve

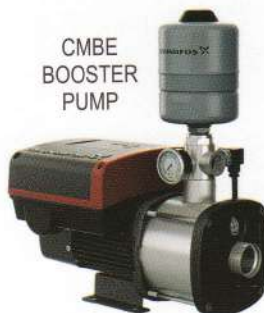


Water Softening System

HYDRO PNEUMATIC  
PRESSURE BOOSTING SYSTEM



CMBE  
BOOSTER  
PUMP



OPEN WELL  
SUBMERSIBLE PUMP



SP SUBMERSIBLE  
PUMP



DEWATERING AP PUMP

DEWATERING  
DPK PUMP



CM BOOSTER PUMP



UP-UPS PUMP



HORIZONTAL  
MULTISTAGE PUMP



INLINE VERTICAL  
MULTISTAGE PUMP



SEWAGE  
CUTTER  
PUMP



TWIN BOOSTER PUMP



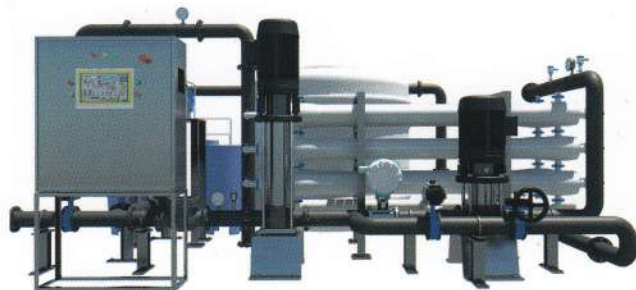
SCALA  
PUMP

UPA-120  
PUMP



## R O System

- Compact design, Skid mounted
- Easy to operate
- Standard and Custom built
- Easy to Maintain
- Available in a wide range of capacities
- **Applications** : Domestic, Commercial and Industrial



**Bisineer**<sup>®</sup>  
W T P

## Cimberio Range of Valves

A WIDE RANGE OF WATER & GAS VALVES



Authorised Dealer :  
cav. uff.

**GIACOMO CIMBERIO**  
s.p.a.

Cimberio range of valves

Crafting customised solutions for customer needs, since 1994.

*Proven & Committed Service Backup*



**Bisineer**<sup>®</sup>

AN ISO 9001:2015 COMPANY

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