

ABOUT US:-



We are pleasure to introducing ourselves as one of the leading Engineering Companies offering projects and services in the fields of Water & Wastewater treatment and reuse, Energy Management, Automation Solutions, Asset Management and Waste Management. Our diversified portfolio has been developed through our experience in catering to specific requirements of our clients.

Specializing in comprehensive and integrated solutions (from concept to commissioning) our focus remains on delivering low cost, easy to operate & compact plants and achieving maximum recycling of treated effluent. We have installed more than 100 wastewater treatment facilities on turnkey basis throughout India.

We have on offer a variety of technologies specifically suiting to projects' and clients' requirements, design/engineering capabilities and infrastructure to serve you effectively. Our know how, experience & commitment is unparalleled in the industry in terms of quality, timely delivery & close monitoring of projects for the total satisfaction of our clients.

MPI/CRS is located at one of the most prime location i.e. Factory: **Yadav Nagar (Near Police**

Station), By Pass Road Vijaygarh, Aligarh-202170, Head office: RZ-3103B, GF, Street

No.35, Tughlakabad Extension. The Company has its own manufacturing facility in more than 4000 sq. ft. area. That includes fabrication and pilot testing facilities within the workstation.

MPI team is a bunch of professionals from the industry having unmatched experience in designing, installation, commissioning, and after sales services.

The Company is one of the most diversified water treatment companies dealing into anything related to water treatment, water handling, waste water treatment and recycling. EWS has successfully completed more than 100 projects mainly in ETP (Effluent Treatment Plant), STP (Sewage Treatment Plant), WTP (Water Treatment plant), RO (Reverse Osmosis System), Water Softener Plant & Air Pollution & Control System.

MULTI-PORT VALVE

Initiative-Multi Port Valve Filter		
Item	Model	Size
Top Mount Filter	Sky Facing	3/4"
Top Mount Filter	Front Facing	1"
Top Mount Filter	Front Facing	1.5"-3U
Side Mount Filter	Front Facing	1.5"-5U
Side Mount Filter	Front Facing	2.5"
Initiative-Multi Port Vavle Softner		
Top Mount Softner	Sky Facing	3/4"
Top Mount Softner	Front Facing	1"
Top Mount Softner	Front Facing	1.5"-3U
Side Mount Softner	Front Facing	1.5"-5U

Make of Multi port valve
Initiative
Midas
Shark
UKL

Midas-MPV-Filter
1.5"
2"



Big Blue Housing

Big Blue/Cartridge Filter Housing	
Item	Size
Big Blue Housing	4.5*20-1"
Big Blue Housing	4.5*20-1.5"
Big Blue Housing	4.5*10-1"
Big Blue Housing	4.5*10-1.5"
Big Blue Housing	2.5*20-3/4"
Slim Housing	2.5*20-1"
Slim Housing	2.5*10-3/4"



FRP MEBRANE HOUSING

Membrane Housing	
Make	Size
4040	4"-1 Element
4080	4"-2 Element
8040	8"-1Element
8080	8"-2Element
80120	8"-3Element
80160	8"-4Element
80200	8"-5Element
80240	8"-6Element



Make
UKL
Pentair

Distribution System

Distribution System
Size
4R2-63
424-63
430-63
436-63
12m3/hr
Air Release Valve



HIGH PRESSURE PUMP

HPP-Make
CRI
Leo
CNP
Shakti
Grundfos
Kirlosker



HPP-Size CRI/Leo/CN P
2/9'
2/15'
2/18'
2/22'
4/12'
4/16'

SS Pump

Ss pump size
1/2HP
1HP
1.5HP
2HP



Ss pump make
CRL
Leo
LX
Kirloskar
Eterna
Wilo
Grundfos

MONOBLOCK PUMP

Make
CRI
Kirloskar
Crompton



Size
1/2HP-Single Phase
1HP-Single Phase
1HP-Three Phase
1.5HP-Single Phase
1.5HP-Three Phase
2HP-Single Phase
2HP-Three Phase
3HP-Three Phase
5HP-Three Phase

CARTRIDGE FILTER

Make
Gopani
Standard
Type
Thread
Spun



Size
2.5*20
2.5*30
2.5*40
4*20
4.5*20
4.5*10

RO MEMBRANE

MAKE
Hydranautic
Dow
Torey
LG
CSM
GE
Hitech
Hydramem
Superflow
Toshio
Vontron
Waternet



Size
4040
8040

RESIN

MAKE
ON-Exchang
Thermax

ION-Exchange
Indion -220NA
Indion -225NA
FFIP- Anion
Nip Anion
225H Cation
Supercharge



Thermax
T42H (DM Cation)
A36 Gel (DM Anion)
A27MP (Mixbed)
T40 NA

DOSING PUMP

Make
Ion- Exchang
Thermax



Make
UKL
Initiative-E-dose
Milton Roy
Seik

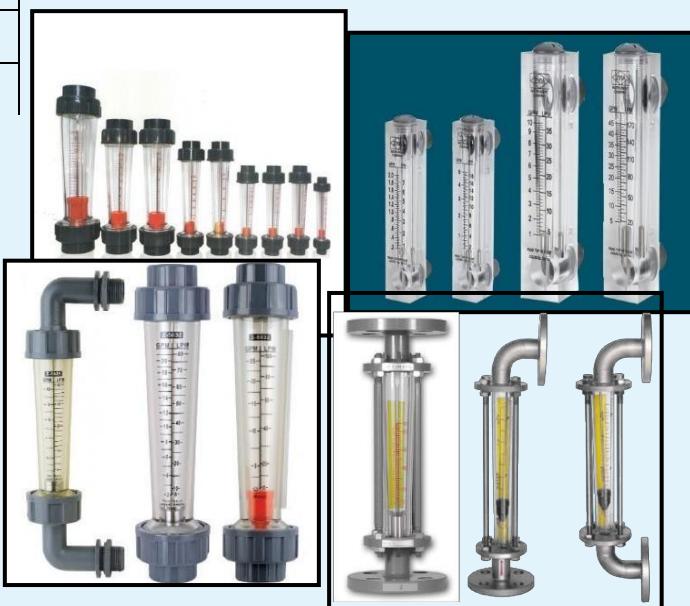
Size
0-4lph
0-6lph
0-10lph
10-40lph

FLOW METER

Type
Online
Panel Mounted
With Flange

Make
Aster
Maxflow
Star Flow

MAKE
Pentiar
Starlite
Exys
Tata
Zeeflow



Size
0-500lph
0-1200lph
0-2400lph
0-3600lph
0-6000lph
0-8000lph
0-10000lph
0-16000lph
0-20000lph
0-50000lph

Size
1465-T&B
1665-T&B
1865-T&B
2162-T&B
2472-T&B
3072-T&B
3672-T&B
4272-T&B
4872-T&B

FRP VESSEL



Size
844-Top
1054-Top
1252-Top
1354-Top
1465-Top
1665-Top
1865-Top

ETP & STP PLANT ACESSORIES

ETP & STP Product
Tube Settler Media
MBBR Media
SAF Media
Coarse Bubble Diffuser
Fine Bubble Diffuser
Filter Press
Filter Press Cloth



FILTER MEDIA:-

Filter Media
Sand Media
Activated Carbon
Coconut Carbon
Anthracite
MNO2
Green Sand



BLOWER

Air Blower Make

Akash Blower

Yash Blower

Everest Blower



Air Blower Size

1hp-Single Ph.

1hp-Three Ph.

1.5hp-Single Ph.

1.5hp-Three Ph.

2hp-Three Ph.



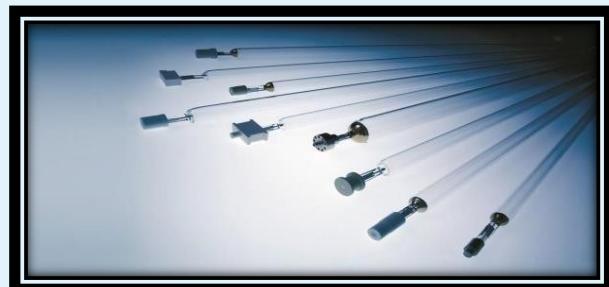
UV SYSTEM

UV System Make

Alpha

Philips

Customised



OZONATOR



WATER TESTING KIT



Rakiro Test Kit
Hardness Test Kit
Silica Test Kit
Chloride
Alkalinity
Merck Test Kit
Silica Kit-Low Range
Silica Kit-High Range
Phosphate Test Kit
ph Testing Paper
Arsenic Test Kit

PRESSURE SWITCH



Pressure Switch
Denfoss
Aster

Low/ High Pressure
KP-35
KP-36

DISC FILTER



Disc/ Azud Filter
10 Micron
50 Micron
100 Micron

OTHER ACCESSORIES

Other Accessories
Filter Housing o-Ring
End Cap-8"
End Cap-4"
Thrust Cone
Adaptor
Saddle Strip
Filter Housing Key
Float Sensor
Brass Bush
PO Connector
TC Clamp
Victolic Coupling
Pressure Guage
Mechanical Seal
100 Ltr. Sheetal Drum
SS Diapharma Valve
PP Diapharma Valve
PP Ejector-All Size
SS Solenoid Valve
Brass Solenoid Valve



SS FITTING

SS Fitting
SS Ball Valve
SS Ball Valve Flange End
SS Socket
SS Elboe/ Bend
SS Nipple
SS Grove Nipple
SS Flange
SS Reducer
SS NRV
SS NB Pipe



CHEMICALS



HYDROCHLORIC ACID



Hand TDS & pH Mtr.



FILTERS



CAUSTIC



SS FABRICATED ITEM



MS FABRICATION



SS Fabrication
Agitator
SS Vessel
SS Tank
SS Membrane Housing
SS Cartridge Filter Housing
SS Bag Filter Housing



MS Fabrication
MS Vessel
ETP Tank
STP Tank

IN-HOUSE PANEL ASSEMBLING



Panel
Electrical
Electronic
PLC
Customised

Fabrication via Manual Lathe
SS/MS Flange
SS/MS Nipple
Adaptor
End Cap
MS/SS Socket
Grove Nipple



ALL KIND OF MANUAL LATHE WORK

ASTER PRODUCT RANGE:-



Aster Product
Cond./TDS Mtr. CI-550
Conductivity Mtr. CI-350
Ph Mtr With Sensor (PO-650)
Aester- Rotameter
Digital FM-FT-650-2"
Digital FM-FT-650-1"
Electromagnetic FM-1"
Electromagnetic FM-2"
Aestro-11 LCD Simply
Aestro-Nxt 11 +
Aestro- NG
Aestro-13LCD Simply
Aestro-13 nxt
Aestro-33 Simply
Aestro-33 Nxt
Aestro-UF panel -33-6-SV
Aestro-UF panel -33-6-SV
(Big) ORP mtr. With Sensor
Aestro float sensor-3mtr.

IN-HOUSE MS/SS SHEET ROLLER



Sheet Roller
MS Sheet Roller
SS Sheet Roller

WATER PLANT



Water Treatment Plants

- Compact / Packaged Water Treatment Plants
- Softening Plants
- Reverse Osmosis Systems
- De-Mineralization Plants
- Industrial Effluent Treatment Plants
- Sewage Treatment Plants
- Waste Water Recycling Plants
- Ultra Filtration Plant
- Evaporators
- Mineral Water Plant
- Multi Grade Filter
- Activated Carbon Filter
- Iron Removal Filter
- Dual Media Filter
- Side Stream Filter
- Arsenic Removal Filter
- Fluoride Removal Filter
- Packaged ETP/STP
- Polyelectrolyte (Anionic/Cationic)

Water ATM Machine & R.O. Plant



PLANTS

15 LPH RO PLANT



CHETAK Star+
RO + UF + TDS CONTROL

- ◆ Wall Mounted MPI Technology Water Purifier.
- ◆ DoublePurification by RO followed by UF.
- ◆ Fully Automatic Operation.

Technical Specification

◆ Purification Capacity	10 - 15 LPh
◆ Tank Capacity	9 Ltr.
◆ Power Consumption	AC 220W DC 24V / 36V
◆ TDS Reduction in (%)	90 - 96%
◆ Dimension (mm)	W310 x D229 x

25 LPH RO PLANT



CHETAK Mercury
RO + UF + TDS CONTROL

- ◆ Wall Mounted MPI Technology Water Purifier.
- ◆ DoublePurification by RO followed by UF.
- ◆ Fully Automatic Operation.

Technical Specification

◆ Purification Capacity	25 LPh
◆ Tank Capacity	20 Ltr.
◆ Power Consumption	AC 220W DC 24V / 36V
◆ TDS Reduction in (%)	90 - 96%
◆ Dimension (mm)	W310 x D229 x H415

50 LPH RO PLANT



- ◆ Wall Mounted MPI Technology Water Purifier.
- ◆ Suitable for online purification for water coolers & water dispenser.
- ◆ Fully Automatic Operation.
- ◆ DoublePurification by RO + UF +TDS control.
- ◆ Purification capacity of 50 Lph.

Technical Specification

Purification Capacity	50 LPh
TDS Reduction in (%)	90 - 96%
Dimension (mm)	W450 x D285 x H755

100 LPH RO PLANT



- ◆ Wall Mounted MPI Technology Water Purifier.
- ◆ Suitable for online purification for water coolers & water dispenser.
- ◆ Fully Automatic Operation.
- ◆ DoublePurification by RO + UF +TDS control.
- ◆ Purification capacity of 100 Lph.

Technical Specification

Purification Capacity	100 LPh
TDS Reduction in (%)	90 - 96%
Dimension (mm)	W450 x D285 x H755

200 LPH RO PLANT



CHETAK JUPITER

200 LPH Ro PLANT

- Suitable for Hotels, Restaurant,Resorts,Institution & Industries.
- Fully Automatic Operation.
- TDS Reduction in (%) 90-96%

Technical Specification

- | | |
|-------------------------|----------|
| ● Purification Capacity | 200 LPh |
| ● TDS Reduction in (%) | 90 - 96% |

250 LPH RO PLANT



CHETAK Jupiter

250Lph RO Plant

- Suitable for Hotels, Restaurant,Resorts,Institution & Industries.
- Fully Automatic Operation.
- TDS Reduction in (%) 90-96%

Technical Specification

- | | |
|-------------------------|----------|
| ● Purification Capacity | 250 LPh |
| ● TDS Reduction in (%) | 90 - 96% |

500 LPH RO PLANT


CHETAK
500Lph RO Plant

- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.

Scope of Supply 500 Lph RO Plant

◆ Skit	01 No.
◆ Row Water Pump 1 HP	01 No.
◆ HIGH PRESSURE PUMP (2/15)	01 No.
◆ Vessel 1354	02 No.
◆ MPV FILTER 1"	02 No.
◆ Carbon	50 kg
◆ Send (multimedia Filter)	200 kg
◆ Spun PP 20"X4.5"	02 No.
◆ HOUSING BIG BLUE 20" (1")	02 No.
◆ Membrane 40x40	02 No.
◆ Membrane Housing 80x40	01 No.
◆ Flow Meter	02 No.
◆ Pressure Gauge	02 No.
◆ LPS	01 No.
◆ Box Panel	01 No.
◆ All Fitting UPVC	01 No.

1000 LPH RO PLANT


CHETAK
1000Lph RO Plant

- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.

Scope of Supply 1000 Lph RO Plant

◆ Skit	
◆ Row Water Pump 1 HP	01 No.
◆ HIGH PRESSURE PUMP (2/18)	01 No.
◆ Vessel 1465	02 No.
◆ MPV FILTER 1"	02 No.
◆ Carbon	50 kg
◆ Send (Multimedia Filter)	250 kg
◆ Spun PP 20"X4.5"	02 No.
◆ HOUSING BIG BLUE 20" (1")	02 No.
◆ Membrane 40x40	04 No.
◆ Membrane Housing 80x40	01 No.
◆ Flow Meter	02 No.
◆ Pressure Gauge	02 No.
◆ LPS	01 No.
◆ Box Panel	01 No.
◆ All Fitting UPVC	01 No.
◆ All Nut Bolt (S.S.)	

2000 LPH RO PLANT



CHETAK JUPITER

2000 LPH Ro PLANT

- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.

Scope of Supply 2000 Lph RO Plant

◆ Skit	
◆ Row Water Pump 1 HP	01 No.
◆ HIGH PRESSURE PUMP (2/18)	01 No.
◆ Vessel 1665	01 No.
◆ MPV FILTER 1"	01 No.
◆ Carbon	50 kg
◆ Send (Multimedia Filter)	250 kg
◆ Spun PP 20"X4.5"	04 No.
◆ HOUSING BIG BLUE 20" (1")	01 No.
◆ Membrane 40x40	02 No.
◆ Membrane Housing 80x40	01 No.
◆ Flow Meter	02 No.
◆ Pressure Gauge	04 No.
◆ LPS	01 No.
◆ Box Panel	01 No.
◆ All Fitting UPVC	01 No.

All Nut Bolt (S.S.)

4000 LPH RO PLANT



CHETAK JUPITER

4000 LPH Ro PLANT

- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.

Scope of Supply 4000 Lph RO Plant

◆ Skit	
◆ Row Water Pump 1 HP	01 No.
◆ HIGH PRESSURE PUMP (2/18)	01 No.
◆ Vessel 1665	01 No.
◆ MPV FILTER 1"	01 No.
◆ Carbon	50 kg
◆ Send (Multimedia Filter)	250 kg
◆ Spun PP 20"X4.5"	04 No.
◆ HOUSING BIG BLUE 20" (1")	04 No.
◆ Membrane 40x40	04 No.
◆ Membrane Housing 80x40	01 No.
◆ Flow Meter	02 No.
◆ Pressure Gauge	04 No.
◆ LPS	01 No.
◆ Box Panel	01 No.
◆ All Fitting UPVC	01 No.

All Nut Bolt (S.S.)

6000 LPH RO PLANT



CHETAK
6000Lph RO Plant

- ◆ Suitable for Hotels, Restaurant, Resorts, Institution & Industries.

Scope of Supply 6000 Lph RO Plant

- | | |
|---|--------|
| ◆ Skit | |
| ◆ Row Water Pump | 01 No. |
| (Capacity 12 m ³ at 25 meter head) | |
| ◆ HIGH PRESSURE | 01 No. |
| (Capacity 12 m ³ at 120 meter head Power 505 Kw | |
| ◆ Vessel 2472 (Flow Rate 12000 Liter per hour | 02 No. |
| ◆ MPV FILTER 1.5" | 02 No. |
| ◆ Carbon | 200 kg |
| ◆ Send (multimedia Filter) | 400 kg |
| ◆ Spun PP 20"X4.5" | 04 No. |
| ◆ HOUSING BIG BLUE 20" (1.5") | 04 No. |
| ◆ Membrane 80x40 | 06 No. |
| ◆ Membrane Housing 80x40 | 02 No. |
| ◆ Flow Meter | 02 No. |
| ◆ Pressure Gauge | 02 No. |
| ◆ LPS | 01 No. |
| ◆ Box Panel | 01 No. |
| ◆ All Fitting UPVC | 01 No. |
| ◆ All Nut Bolt (S.S.) | |

10000 LPH RO PLANT

CHETAK JUPITER

10000 LPH Ro PLANT

- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.



Scope of Supply 10000 Lph RO Plant

- | | |
|---|--------|
| ◆ Skit | |
| ◆ Row Water Pump | 01 No. |
| (Capacity 20 m ³ at 25 meter head) | |
| ◆ HIGH PRESSURE | 01 No. |
| (Capacity 20 m ³ at 120 meter head Power 505 Kw | |
| ◆ Vessel 7236 (Flow Rate 25000 Liter per hour | 02 No. |
| ◆ MPV FILTER 1.5" | 02 No. |
| ◆ Carbon | 200 kg |
| ◆ Send (multimedia Filter) | 400 kg |
| ◆ Spun PP 20"X4.5" | 04 No. |
| ◆ HOUSING BIG BLUE 20" (1.5") | 04 No. |
| ◆ Membrane Polymex | 10 No. |
| ◆ Membrane Housing 80x40 | 02 No. |
| ◆ Flow Meter | 02 No. |
| ◆ Pressure Gauge | 02 No. |
| ◆ LPS | 01 No. |
| ◆ Box Panel | 01 No. |
| ◆ All Fitting UPVC | 01 No. |
| ◆ All Nut Bolt (S.S.) | |

18000 LPH RO PLANT



CHETAK JUPITER

18000 LPH Ro PLANT

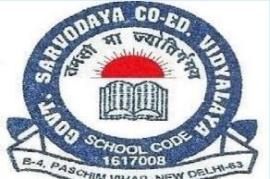
- ◆ Suitable for Hotels, Restaurant,Resorts,Institution & Industries.

Scope of Supply 18000 Lph RO Plant

- | | |
|---|--------|
| ◆ Skit | |
| ◆ Row Water Pump | 01 No. |
| (Capacity 40 m3 at 25 meter head) | |
| ◆ HIGH PRESSURE | 01 No. |
| (Capacity 40 m3 at 120 meter head Power 505 Kw | |
| ◆ Vessel 7236 (Flow Rate 25000 Liter per hour | 02 No. |
| ◆ MPV FILTER 1.5" | 02 No. |
| ◆ Carbon | 200 kg |
| ◆ Send (multimedia Filter) | 400 kg |
| ◆ Spun PP 30"X2.5" | 04 No. |
| ◆ HOUSING BIG BLUE 20" (1.5") | 01 No. |
| ◆ Membrane Polymex | 20 No. |
| ◆ Membrane Housing 80x40 | 04 No. |
| ◆ Flow Meter | 02 No. |
| ◆ Pressure Gauge | 02 No. |
| ◆ LPS | 01 No. |
| ◆ Box Panel | 01 No. |
| ◆ All Fitting UPVC | 01 No. |
| ◆ All Nut Bolt (S.S.) | |

Clientage List:

1		10	
2		11	
3		12	
4		13	
5		14	
6		15	
67		16	
8		17	
9		18	

19		28	
20		29	
21		30	
22		31	
23		32	
24		33	
25		34	
26		35	
27			

PROJECT OF CLASSIC RMC & AGGREGATES INDIA PVT LTD

(SURAT SITE)



(BHARUCH SITE)



PROJECT OF VASISHTA MANTENA NH4 JV



PROJECT OF SHARP SIGHT LASER CENTRE PVT. LTD. (RANCHI SITE)



PROJECT OF SHARP SIGHT LASER CENTRE PVT. LTD. (SRINAGAR SITE)



PROJECT OF ADYCON INFRASTRUCTURE PVT.LTD.



BARTON BREEZE (PALWAL)



PRESTAIRS LLP (NEPAL)

