

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 Valve 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

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



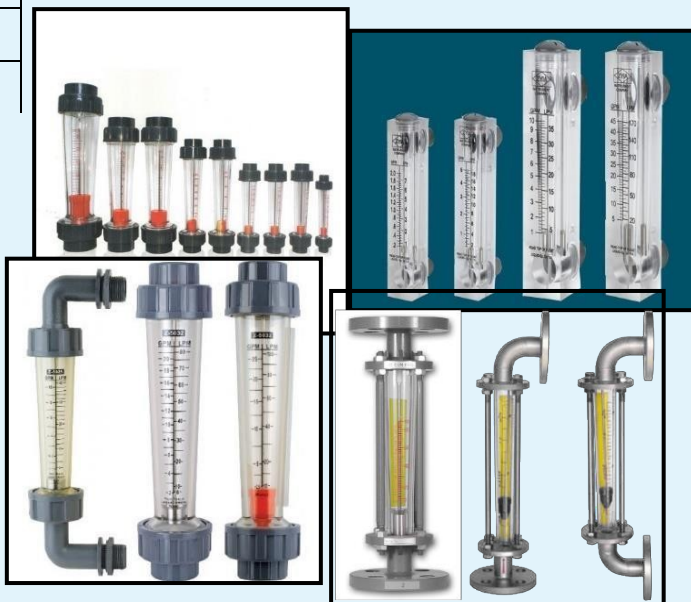
Make
UKL
Initiative-E-dose
Milton Roy
Seik
Size
0-4lph
0-6lph
0-10lph
10-40lph

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 ACCESSORIES

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.



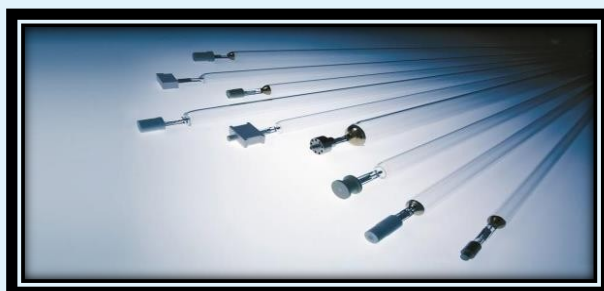
UV SYSTEM

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 Elbow/ Bend
SS Nipple
SS Groove Nipple
SS Flange
SS Reducer
SS NRV
SS NB Pipe



CHEMICALS



HYDROCHLORIC ACID



Hand TDS & pH Mtr.



FILTERS



CAUSTIC



SS FABRICATED ITEM



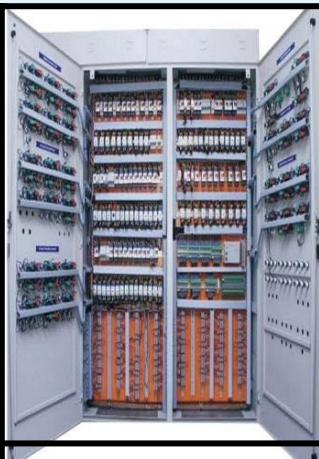
MS FABRICATION



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



25LPH



PLANTS

15 LPH RO PLANT



- ◆ 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



- ◆ 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



1000 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.

CHETAK

1000Lph RO Plant

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

Scope of Supply 1000 Lph RO Plant

◆ Skit	01 No.
◆ 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, Resturant,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, Resturant,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 m3 at 25 meter head)
- ◆ HIGH PRESSURE 01 No.
(Capacity 12 m3 at 120 meter head Power 505 Kw)
- ◆ Vessel 2472 (Flow Rate 02 No.
12000 Liter per hour)
- ◆ 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, Resturant,Resorts,Institution & Industries.

Scope of Supply 10000 Lph RO Plant

- ◆ Skit
- ◆ Row Water Pump 01 No.
(Capacity 20 m3 at 25 meter head)
- ◆ HIGH PRESSURE 01 No.
(Capacity 20 m3 at 120 meter head Power 505 Kw
- ◆ Vessel 7236 (Flow Rate 02 No.
25000 Liter per hour
- ◆ 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, Resturant,Resorts,Institution & Industries.

Scope of Supply 18000 Lph RO Plant

- | | |
|--|--------|
| ◆ Skit | 01 No. |
| ◆ Row Water Pump
(Capacity 40 m3 at 25 meter head) | 01 No. |
| ◆ HIGH PRESSURE
(Capacity 40 m3 at 120 meter head Power 505 Kw | 01 No. |
| ◆ 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)

