



UV BARREL



RO TUBING



INDUSTRIAL WATER SOFTENING SYSTEMS

WORKING PRINCIPLE

Calcium & Magnesium ions, which stay as cations in the water, create lime by combining negative charged carbonate ions and settle. During the process we call regeneration, sodium ions, which come from salt, are taken back on the resin again, the hardness are thrown away.

FEATURES

- Upside-down collecting is octopuf diffuse
- Fittings by PVC-U
- Fully Automatic Control Valf
- Time controller fully back flush
- Max pressure 6 bar
- 220V/50Hz



DM PLANTS

- Upside-down collecting is octopuf diffuse
- Fittings by PVC-U
- Fully Automatic Control Valf
- Time controller fully back flush
- Max pressure 6 bar
- 220V/50Hz
- Epoxy Coated carbon steel tanks
- Diameter 1600 upside-down collection is octopus diffuser
- For diameter 2000 and over, stopper diffusion over mirror
- Fittings by PVC-U
- Elektricity valve
- PLC Control Panel
- Time controller fully back flush
- Max pressure 6 bar
- 220V/50Hz
- Optionally galvanized pipe



Flow Reading

Sr. No.	Speed SPM(%)	Pressure (Kg/Cm2)	Flow (Ltr/hr)
1	100	10	15
2	90	10	14.1
3	80	9	12.6
4	70	9	10.8
5	60	8	8.1
6	50	7	3
7	40	7	2.58
8	30	7	2.25
9	20	7	2.04
10	10	7	1.98

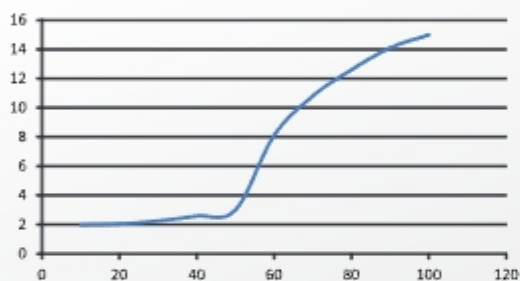
Standard Accessories

Sr. No.	Parts	Quantity
1	Suction & Discharge Pipe	3 meter
2	Filter Cum Foot Valve	1
3	Injection Valve	1

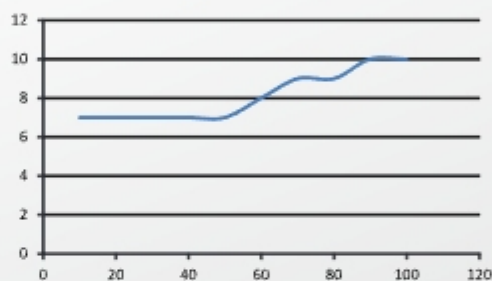
Technical Specification

Type	Solenoid Operated
Input Power Supply	230V, 50Hz, 1 Phase
Power Consumption	30 Watt
Flow Adjustment	Manual 0-400 SPM
Suction Discharge Pipe	4/6 mm
Suction	1 Mtr.

SPEED (%) vs FLOW (Ltr/hr)



SPEED (%) vs PRESSURE(Kg/cm2)



FEATURES

- Double ball NRV
- Built in air release valve
- PTFE diaphragm for long life
- Splash Proof enclosure
- Compact Model



FRP VESSELS (All Size Available)



• 844 • 1054 • 1248 • 1354 • 1465 • 1665 • 1865 • 2162 • 2472 • 3072 • 3672 • 4872
(All Size Available in Multi Colours , Top & Bottom Opening)



SS PRESSURE TUBE
2.5" / 4" / 8" (All Size Available)



FILTER HOUSING
10" / 20" SLIM & JUMBO SIZES



FRP PRESSURE TUBE
2.5" / 4" / 8" (All Size Available in Multi Colours)

CONTROL PANELS



1/1 • 1/3 • 3/3 • Time based Single & Multi Coin & Card



SOLENOID VALVE (1/2, 1, 3/8 Range")



LOW & HIGH
PRESSURE SWITCHES



FLOAT LEVEL CONTROLLER



RAW WATER & HIGH PRESSURE
PUMPS

CARBON

RANGE

Iodine number : 600-1200

Mesh size: 4×8 to 80×325 (4 mesh to 200 mesh)

Powder carbon with mesh size: Below 325 mesh

Water washed grade

Acid washed grade

Silver impregnated

APPLICATIONS

Color removal in bottled water, Brewery, Juice & Soft drink industries

Bacteriostatic (Bacteria removal)

Gas treatment

Effluent water treatment

Gold recovery

Dechlorination

Color & odor removal



Coconut Based Activated Carbon



Coal Based Activated Carbon



Wood Based Activated Carbon

ION EXCHANGE RESIN



RANGE

Selective Ion Removal resins

Food Grade

Polyacrylic resins

Mixed Bed resins

Uniform Particle Size

Black Cation resins

Chelating resins

APPLICATIONS

Industrial Demineralization

Ultrapure - Semiconductor Industry

Removal of Radioactive Isotopes from Aqueous Solutions

Domestic & Industrial Water Softening

Condensate Polishing

Brine Purification

Nitrate, Arsenic & Boron Removal

Organic Scavenger

CHEMICALS

Packaging Size	5 KG, 10 KG, 30 KG
Grade Standard	Industrial Grade
Application	Desalination
Categories	RO Membrane Treatment Chemicals
Form	Liquid
Type	Normal/ CVD



MULTI PORT VALVES



15 NB • 25 NB • 40 NB • 65 NB
Filters & Softner Range



PRESSURE GAUGE



ROTA METER



MICRON FILTER