

WATER TREATMENT PLANTS

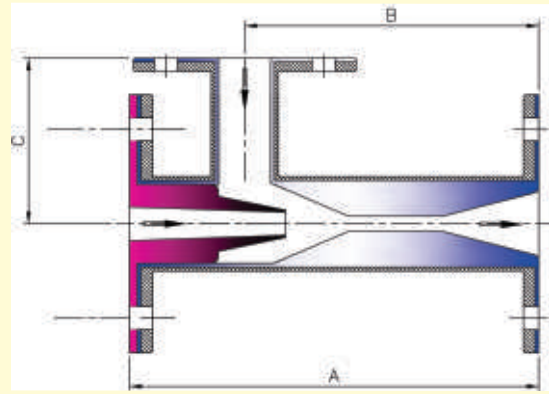
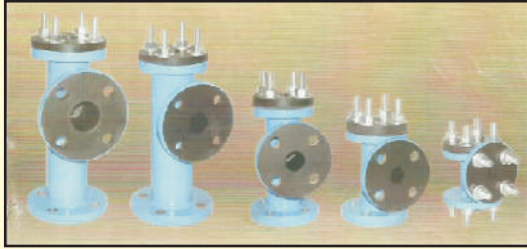
- Total Design, Engineering, Supply, Erection & Commissioning.
- Spares For Water Treatment Plant
- Renovation & revamping of Water Treatment Plants



AMIT ENGINEERING SYSTEMS

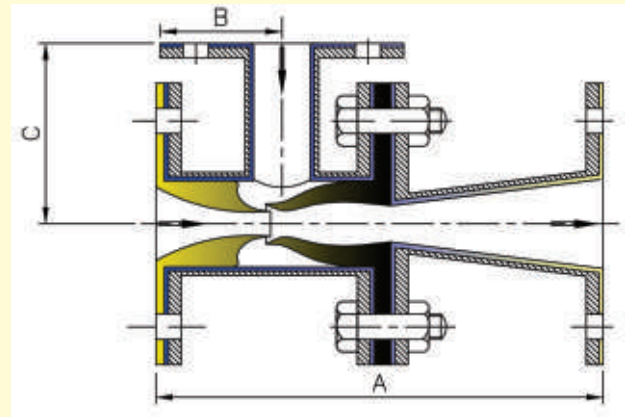
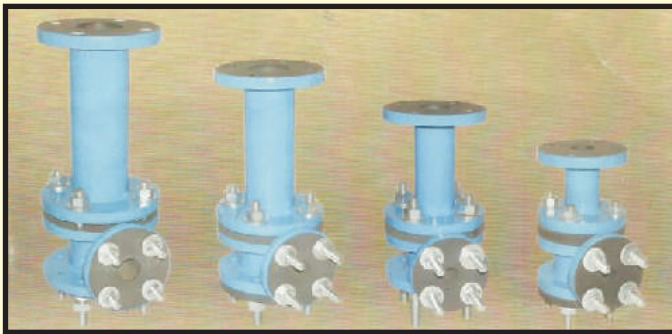
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M. S. EBONITE LINED (RATIO - 1:1) VENTURY EJECTOR ASSEMBLY



Sr.No.	Ejector Model No	Nozzle Bore IN MM	Throat bore in MM	Connection in NB				A	B	C
				Power Water	Suction	Delivery	M ³ /Hr			
1	Aditya 62	4	10	20	20	20	1.7	103	61	63
2	Aditya 63	5	12	20	25	25	2.45	163	94	87
3	Aditya 64	6	16	20	33	33	4.36	208	118	89
4	Aditya 65	8	20	25	40	40	6.81	262	172	89
5	Aditya 66	10	23	33	40	50	9.81	293	190	102
6	Aditya 67	12	33	40	50	50	17.45	319	208	111
7	Aditya 68	16	40	50	80	80	27.27	366	244	127
8	Aditya 69	20	48	65	80	100	39.27	394	266	127
9	Aditya 70	25	64	80	100	100	69.82	450	303	127
10	Aditya 72	40	95	125	150	200	157.1	773	559	152

M. S. EBONITE LINED (RATIO - 1:5) VENTURY EJECTOR ASSEMBLY



Sr.No.	Ejector Model No	Nozzle Bore IN MM	Throat bore in MM	Connection in NB				A	B	C
				Power Water	Suction	Delivery	M ³ /Hr			
1	Aditya 40	6	9.52	40	25	40	2.18	213	60	86
2	Aditya 40	10	11.43	40	25	40	5.72	213	60	86
3	Aditya 50	12	17.46	50	25	50	9.54	279	54	95
4	Aditya 65	16	20	65	32	65	16.36	347	56	102
5	Aditya 80	19	25.4	80	40	80	24.54	411	68	111
6	Aditya 100	25	30.16	100	50	100	43.63	500	78	133
7	Aditya 125	32	39.11	125	65	125	60	612	83	146
8	Aditya 150	40	44.45	150	80	150	90	760	94	159

Body Material Mild steel with Ebonite Rubber Lined, Nozzle & Throat PP, (Optional HDPE, PP/FRP Lined, Stainless Steel also available)

We are doing Design, Engineering, Manufacture , Supply , erection and commissioning of Following plants. We are using advance design software like Auto cad Plant 3D,Solidworks Premium, Procad for 3D modeling of Water treatment plants.

1. Water filtration Plants.
2. DM (Demineraliz Water) Plants.
3. Water softening plants
4. RO Plants
5. UF (Ultrafiltration Systems)
6. Self cleaning filters
7. Chemical dosing systems



DM PLANT INSTALLED
2 x 15 m³/hr, 3 x 45 m³/hr,
3 x 15 m³/hr, 2 x 7.5 m³/hr



SOFTENING PLANT
Capacity : 3 x 120 m³/hr
10 x 120 m³/hr
12 x 120 m³/hr



FILTRATION PLANT
Capacity : 3 x 120 m³/hr
10 x 120 m³/hr
12 x 120 m³/hr



RO PLANT
2 x 120 m³/hr



UF SYSTEM
2 x 140 m³/hr

We are also doing Revamping / Renovation of old plants. Capacity expansion, Manual to auto operation conversion, Digital measuring analyser installation.



**Revamping of DM Plant regeneration Systems
at ONGC Hazira, Gujarat**



**DM PLANT, CPU AND Effluent treatment plant renovation
at IOCL, LPG Import terminal , Kandla,Gujarat.**



Acid & Caustic Measuring Tank
FRP / MSRL / MSRLRC



Acid & Caustic Storage Tank
FRP / MSRL / MSRLRC



100% Acid Proof Fume Absorber
For 33% Hcl Acid.



Header & Laterales
SS316 / MSRLRC / PP / PVC



PP/HDPE Lined Pipes & Fittings



Strainers/PP Nozzles



100% Acid Proof Tubular Level Gauges



**Rubber Lined Vessels, Tanks,
Piping & Fittings,**

REFERENCE LIST OF USERS

	Essar Power Limited		National Thermal Power Corp. Ltd.		Maharashtra State Power Generation Co. Ltd.
	Nuclear Power Corporation of India Ltd.		Gujarat State Electricity Ltd.		BSES Limited Dahanu
	Raj West Power Ltd.		Karnataka Power Corporation Ltd		Adani Power Ltd.
	INDIAN OIL CORPORATION LTD.		OIL & NATURAL GAS CORPORATION		NUMALIGARGH REFINERY LTD.
	Bongaigaon Refinery & Petrochemicals Limited		GAS Authority of India Limited		Essar Oil Ltd.
	Essar Steel Limited		Birla Copper Limited		Steel Authority of India Ltd.
	National Aluminium Co. Ltd.		Sunflag Iron & Steel Co. Ltd		Department of Atomic Energy
	Indian Farmers Fertiliser Cooperative Ltd.		Indo Gulf Fertilizers		Krishak Bharati Cooperative Ltd.
	Chambai Fertilizers & Chemicals Ltd.		National Fertilizers Limited		Rashtriya Chemicals & Fertilizers Ltd.
	Panjab Alkali & Chemical Ltd.		Gujrat Alkali & Chemical Ltd.		Rajasthan Rajya Vidyut Utpadan Nigam Limited
	Bharat Heavy Electricals Ltd.		LARSON & TURBO		Reliance Industries Ltd.

Exporting to :- Saudi Arabia, Kuwait, Oman, Abu Dhabi, Indonesia, Philippines, Bangladesh.



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