

Bring Home
Ultimate
Purity

abhi ro
WATER PURIFIER

COMPLETE
WATER SOLUTIONS
**FOR COMMERCIAL &
INDUSTRIAL NEEDS**



**SYSTEMS, SPARES, ACCESSORIES AND COMPONENTS
FOR EVERY STAGE OF WATER MANAGEMENT.**

WWW.ABHIROWATER.COM

Abhi RO provides complete water solutions for commercial, industrial and swimming pool applications. Along with systems, we supply the spares, accessories and key components that keep plants and facilities operating smoothly.

Our portfolio includes RO, UF, softeners, filtration units, UV systems, dosing solutions, SS tanks, large storage systems, pressure boosting pumps and more. We also supply media, resins, test kits, instruments and chemicals to test water and maintain water quality. With trusted brands and strong technical understanding, we bring treatment, distribution and service together for dependable performance.

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TANK CAPACITY 20,000 LITRES TO 1.6 CRORE LITRES



TANK APPLICATION

- Raw Water Tanks
- Fire Water Tanks
- ETP Tanks
- STP Tanks
- RO Water Tanks

- ZLD Tanks
- Biogas Digestor Tanks
- UASB Tanks
- DM Water Tanks
- Drinking Water

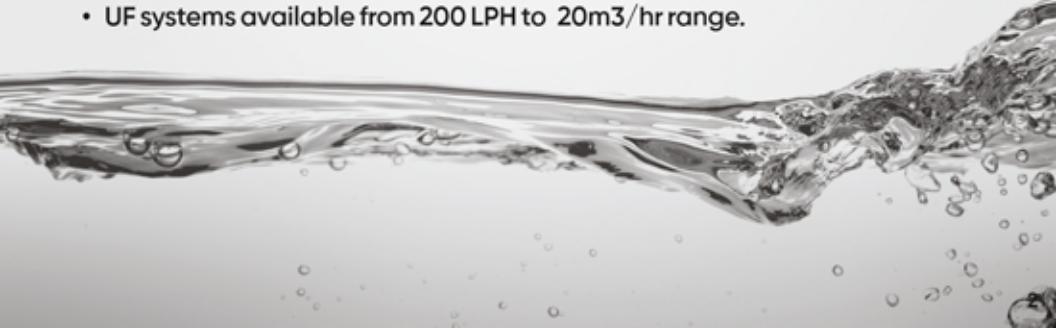
ROSTFREI STEELS
STORAGE TANKS



POLYNORBIT BASED UF HOLLOW FIBER MEMBRANES



- UF Membrane available from 200LPH to 10000LPH (Subject to Water Conditions).
- We make fully automatic customised Plug IN- Plug OUT Ultra filtration systems for STP / ETP / Surface & Ground Water.
- UF systems available from 200 LPH to 20m3/hr range.



20" & 10"

**INDUSTRIAL HOUSING
(DOUBLE 'O' RING)**

AVAILABLE CONNECTION

1/2", 3/4" & 1" BSP

1/2", 3/4" & 1" Brass

Pressure Rating: 110 PSI



**10" INDUSTRIAL HOUSING
(DOUBLE 'O' RING)**

AVAILABLE CONNECTION

1/2", 3/4" & 1" BSP & Brass

Pressure Rating: 90 PSI



**30", 20" & 10"
JUMBO HOUSING
(DOUBLE 'O' RING)**

AVAILABLE CONNECTION

1" & 1.5" BSP

1" & 1.5" Brass 1" NPT

Pressure Rating: 110 PSI

**30", 20" & 10" JUMBO BAG FILTER ASSEMBLY
(DOUBLE 'O' RING)**

AVAILABLE CONNECTION

1" & 1.5" BSP

1" & 1.5" Brass 1" NPT

Pressure Rating: 110 PSI



**20" JUMBO BACK
WASHABLE UF
(Automatic & Manual)**



**JUMBO MS SKID
'ASTROBOY'**

80 LPH RO Plant with BYPASS System

2 x 300 GPD Membrane,

2 x 300 GPD Pressure Pump,

2 x Pressure Gauge, 1 Rotameter

astroboy
Ultimate Water Purification System

MS SKID & BOX TYPE SKID



RO Box Type Skid - 100 Ltr.
With Rota Meter & Pressure Gauge



RO Plant & Skid - 150 Ltr.
150 LPH with 4 x 300
GPD Membrane



RO Plant & Skid - 25 Ltr.
25 LPH with 2 x 100 GPD Membrane



RO Plant & Skid - 50 Ltr.
50 LPH with 4 x 100
GPD Membrane



RO Plant & Skid - 100 Ltr.
100 LPH with 3 x 300 GPD Membrane

RO Plant & Skid - 80 Ltr.
80 LPH with 2 x 300
GPD Membrane

MS \ SS BRACKET



MS SKID

FOR INDUSTRIAL / JUMBO /
DOMESTIC FILTERS & RO PLANT



BAG FILTERS

NYLON & PP FILTER BAGS

Available in: 4x10, 4x20, 7x10,
7x40, 7x16, 7x32, - 10", 20", 30".



SS SKID

FOR INDUSTRIAL / JUMBO /
DOMESTIC FILTERS & RO PLANT



GAC

- 2.5" Dia & 4.5" Dia
- Multipurpose Canister - 20"
- Suitable for GAC, Mineral, Iron removal etc.



- 2.5" Dia & 4.5" Dia
- Multipurpose Canister 10" & Slimline Multipurpose Canister 14" & 5"
- Suitable for GAC, Mineral, Iron removal etc.

ACCESSORIES



PP Jumbo Double & Single Clamp



PP Triple Wave Clamp



PP Double Wave Clamp

PP Double Santro Clamp



Jumbo MS Clamp
Single, Double & Triple



Universal Clamp



PP Single Wave Clamp



PP RO Single Clamp



PP Industrial Single Clamp



Spanners for all type of
Housing - 5" to Sumo



'C' Clip

HEX NIPPLE

1.5" / 1" / 3/4" / 1/2" / 1/4" 1/2 x 3/4"



REDUCER

1x1/2, 1x3/4, 1.5x1, 1.5x3/4



HYDRA SELF-CLEANING FILTERS

Max. Flow Rate	: 6000 to 10000 LPH
Housing Size	: 10 Inch
Suitable Cartridge	: 2.5" Standard
Connection Size	: 1" OR 1/2" inch
Cartridge	: Washable
Filtration Rating	: 50/ 90 Micron
Cartridge	: Polypropylene OR PP
Housing Bowl/Head MOC	: PET / Reinforced Polypropylene
Suitable for	: Pre-Filtration for Whole house and RO



HYDRA BIG

Max. Flow Rate	: 15000 LPH
Housing Size	: 10 Inch JUMBO
Suitable Cartridge	: 4.5" Standard
Connection Size	: 1" 1/2" inch
Cartridge	: Washable
Filtration Rating	: 90 Micron
Cartridge	: Polypropylene
Housing Bowl/Head MOC	: PET / Reinforced Polypropylene
Suitable for	: Pre-Filtration for RO Plant and Borewell water

HYDRA DUO - MULTI STAGE SELF-CLEANING FILTERS

Max. Flow Rate	: 3000 LPH
Housing Size	: 10 Inch
Suitable Cartridge	: 2.5" Standard
Connection Size	: 1" inch
Cartridge	: Washable
Filtration Rating	: 90 Micron
Cartridge	: Polypropylene PP Plastic
Housing Bowl/Head MOC	: PET / Reinforced Polypropylene
Suitable for	: Pre-Filtration OR Bathroom Application as Anti-Scale



DEMINERALIZED PLANT

AUTHORIZED DEALER OF
 **AQUOION**[®]
 Excellence in Water Treatment

TBD

Treated Water Conductivity
is less than 10 $\mu\text{S}/\text{cm}$



	TREATMENT FLOW	WORKING PRESSURE	TREATED WATER QUALITY	RESIN QUANTITY
MODEL	Min Max (LPH)	Min Max (Kg/cm)	E.C ($\mu\text{S}/\text{cm}$) pH	Cation Anion
TBD 50	10 50	0.5 2.0	<10 6.5 - 10.5	4 4
TBD 100	20 100	1.0 2.0	<10 6.5 - 10.5	8 8
TBD 200	30 200	1.5 2.0	<10 6.5 - 10.5	10 10
TBD 300	30 300	1.5 2.0	<10 6.5 - 10.5	15 15

RODI

Treated Water Conductivity
is less than 1 $\mu\text{S}/\text{cm}$



DM Plant with
inbuilt RO.

	TREATMENT FLOW	WORKING PRESSURE	TREATED WATER QUALITY	RESIN QUANTITY
MODEL	Min Max (LPH)	Min Max (Kg/cm)	E.C ($\mu\text{S}/\text{cm}$) pH	Cation Anion
RODI 25	100 25	10	<1 6.5 - 7.5	10 10 2.5 C & 4.0 A
RODI 50	200 50	10	<1 6.5 - 7.5	10 10 2.5 C & 4.0 A
RODI 100	30 300	1.0 2.0	<1 6.5 - 7.5	10 10 2.5 C & 4.0 A



CAMB

LABORATORY HIGH-PURE DEIONISER

Treated Water Conductivity
is less than $1 \mu\text{S}/\text{cm}$

APS

	TREATMENT FLOW	WORKING PRESSURE	TREATED WATER QUALITY	RESIN QUANTITY
MODEL	Min Max (LPH)	Min Max (Kg/cm)	E.C ($\mu\text{S}/\text{cm}$) pH	Cation Anion
CAMB 100	10 100	0.5 1.5	<1 6.5 - 7.5	10 10 2.5 C & 4.0 A
CAMB 200	20 200	1.0 2.0	<1 6.5 - 7.5	12 12 3.0 C & 5.5 A
CAMB 300	30 300	1.0 2.0	<1 6.5 - 7.5	12 12 3.0 C & 5.5 A



CACA

Treated Water Conductivity
is less than $10 \mu\text{S}/\text{cm}$

Double Stage
DM Plant.

Can handle Input TDS
upto 1000ppm.

	TREATMENT FLOW	WORKING PRESSURE	TREATED WATER QUALITY	RESIN QUANTITY
MODEL	Min Max (LPH)	Min Max (Kg/cm)	E.C ($\mu\text{S}/\text{cm}$) pH	Cation Anion
CACA 100	25 100	1.0 2.0	<10 6.5 - 10.5	8 8
CACA 200	50 200	1.0 2.0	<10 6.5 - 10.5	12 12



MB

Treated Water Conductivity
is less than $1 \mu\text{S}/\text{cm}$

Single Stage
DM Plant.

APS

	TREATMENT FLOW	WORKING PRESSURE	TREATED WATER QUALITY	RESIN QUANTITY
MODEL	Min Max (LPH)	Min Max (Kg/cm)	E.C ($\mu\text{S}/\text{cm}$) pH	Cation Anion
MB 100	10 100	0.5 1.5	<1 6.5 - 7.5	2.5 4.5
MB 200	20 200	1.0 1.5	<1 6.5 - 7.5	4.0 7.5
MB 300	30 300	1.0 2.0	<1 6.5 - 7.5	5.0 9.0
MB 300	50 500	1.0 2.0	<1 6.5 - 7.	6.0 11.0



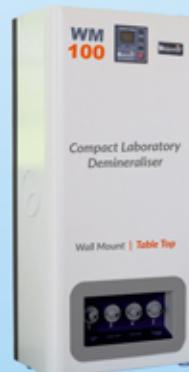
RO + DI

**AUTOMATIC
LAB DEIONISER**

DM Plant with
inbuilt RO.

WM
WALL MOUNT
TABLE TOP DEIONISER

Treated Water Conductivity
is less than $10 \mu\text{S}/\text{cm}$





TESTING KITS FOR ALMOST ALL KNOWN WATER PARAMETERS

- ◆ Acidity
- ◆ COD
- ◆ Nitrite
- ◆ Alkalinity
- ◆ Copper
- ◆ Ozone
- ◆ Aluminium
- ◆ DEHA
- ◆ PH
- ◆ Amine
- ◆ Dissolved Oxygen
- ◆ Phosphate
- ◆ Ammonia
- ◆ Fluoride
- ◆ Phosphonate
- ◆ Arsenic
- ◆ Free Chlorine
- ◆ Silica
- ◆ Bromine
- ◆ Hydrazine
- ◆ Sulphate
- ◆ Calcium Hardness
- ◆ Hydrogen Peroxide
- ◆ Sulphite
- ◆ Carbon Dioxide
- ◆ Hydrogen Sulphide
- ◆ Swimming Pool
- ◆ Chloride
- ◆ Iodine
- ◆ Tannin
- ◆ Chlorine
- ◆ Iron
- ◆ Total Chlorine
- ◆ Chlorine Dioxide
- ◆ Manganese
- ◆ Total Hardness
- ◆ Chlorosotope
- ◆ Molybdate
- ◆ Turbidity
- ◆ Chromate
- ◆ Nitrate
- ◆ Zinc

AVAILABLE IN COMBINATION PACK

Refill Pack Available



- ◆ Drinking Water
- ◆ Purified Water (IP)
- ◆ Soil (NPK)
- ◆ Cooling Water
- ◆ Swimming Pool
- ◆ Aquaculture
- ◆ Boiler Water
- ◆ Metal Working Fluids
- ◆ Construction Water
- ◆ RO Water
- ◆ Fisheries
- ◆ Irrigation Water

BACTASLYDE®

Detect Bacteria Easily
Anytime... Anywhere...

BACTASLYDE is a quick, easy & economical means of monitoring bacteria and is used virtually in any industry by engineers, water treatment professionals and facilities management specialists to make bacteria testing quick and easy. **BACTASLYDE** is regularly used worldwide for monitoring microbiological contamination and has been found to be reliable as it compares well with conventional microbiological techniques.



DIPSLIDE
RANGE

BACTERIA TESTING DIPSLIDE TEST



- ◆ Total Bacterial Count (TBC)
- ◆ TBC + Pseudomonas
- ◆ TBC + Yeast & Fungi
- ◆ TBC + Escherichia Coli
- ◆ Nitrate Reducing Bacteria (NRB)
- ◆ Sulphate Reducing Bacteria (SRB)

BACTASLYDE is used in any liquid, solid, semi solid as well as on surfaces.

Results
within
24
Hours

POUCH PACK
RANGE

BACTERIA TESTING POUCH PACK TEST



- ◆ Vibrio Species
- ◆ Iron Bacterial
- ◆ Nitrifying Bacteria
- ◆ Algae
- ◆ Salmonella Species
- ◆ Staphylococcus Aureus

Do it
Yourself

PEN TYPE METER



EC/TDS Meter

Calibration
Solutions
Included



ORP Meter

ONLINE METERS



AN-1000-MT



PH-ORP-TEMP
ADC-PH-01
AQUASOL

PH / ORP / TDS TEMPERATURE

HANDHELD METERS



Multi Parameter



pH Meter



DO Meter

PORTABLE METER



Chlorine Meter



Turbidity Meter

TABLE TOP METERS

Conductivity
TDS, pH, ORP,
Temperature
3 Point Cal.



COD METER AND VIALS



COD Vials



Digester



Analyzers

BENCH TOP METERS

Conductivity
TDS, pH, ORP,
ATC, Stirrer,
5 Point Cal.



CALIBRATION SOLUTIONS



pH / Conductivity / ORP / Turbidity / COD / DO
Available in 500ml and 100ml Pack

COOLING WATER CHEMICALS



- Multipurpose Formulations
- Anti-Scalants
- Sludge Conditioners
- Corrosion Inhibitors
- Biocides (Oxidizing)
- Biocides (Non-Oxidizing)
- Anti-Foulants
- Bio-Dispersants
- Chiller Plant Chemicals
- Online Cleaner Chemicals

BOILER CHEMICALS



- Multipurpose Formulations
- Alkalinity Builders
- Softening Agents
- Oxygen Scavengers
- Condensate Neutralising Amines
- Coil Tube Boiler Chemicals
- Fuel Tube Boiler Chemicals
- Corrosion Control Chemicals
- Boiler Cleaner Chemicals

FOOD GRADE WATER TREATMENT FORMULATIONS

RO CHEMICALS



- AntiScalants
- Alkaline Cleaners
- Acidic Cleaners
- Biofouling Cleaners
- Biocides
- PH Boosters

SPECIALITY CHEMICALS



- Defoamer / Antifoamer
- Ion Exchange Resin Cleaner
- Air Handling Unit Cleaner
- Silver Nano Hydrogen Peroxide

FEATURES

- USFDA Food Grade Certified NSF Certified (USA)
- Green Chemicals
- Ready Available in Stock
- Expert Troubleshooting Guidance
- Environment-friendly and Non-Toxic



Certified to
International
Safety Standards
for Food
Processing



AQUASOL INDICATOR PAPER



Our **AQUASOL** Indicator Paper combines ease-of-use with accuracy, consistency and unmatched quality. The convenience of using **AQUASOL** Indicator Paper for the rapid determination of pH and other parameters has many applications in laboratories and industries. **AQUASOL** offers a range of pH and other Indicator strips that meet your specific testing needs.



PRODUCT RANGE

CODE	DESCRIPTION
AIPPH01	INDICATOR PAPER UNIVERSAL - pH 1.0-14.0
AIPPH02	INDICATOR PAPER WIDE RANGE - pH 2.0-10.5
AIPPH03	INDICATOR PAPER NARROW RANGE- pH 2.0-4.5
AIPPH04	INDICATOR PAPER NARROW RANGE- pH 3.5-6.0
AIPPH06	INDICATOR PAPER NARROW RANGE- pH 5.0-7.5
AIPPH07	INDICATOR PAPER NARROW RANGE- pH 6.5-9.0
AIPPH08	INDICATOR PAPER NARROW RANGE- pH 8.0-10.5
AIPBTB	INDICATOR PAPER BTB (BROMO THYMOL BLUE)
AIPCL	INDICATOR PAPER CHLORINE TEST (5-100 PPM)
AIPCR	INDICATOR PAPER CONGO RED
AIPBY	INDICATOR PAPER BRILLIANT YELLOW
AIPLB	INDICATOR PAPER LITMUS BLUE
AIPLR	INDICATOR PAPER LITMUS RED
AIPPE	INDICATOR PAPER PHENOLPHTHALEIN
AIPSI	INDICATOR PAPER STARCH IODIDE
AIPTH	INDICATOR PAPER THYMOLPHTHALEIN

FEATURES

- Instant Readings
- Economical Pack Size
- In Kangaroo Pack
- Accurate for a Wide Range
- Convenient and Portable
- Advance Paper with Long Life





**WHOLE HOUSE
SOFTENER**



MINI SOFTENER



**AUTOMATIC DISK
FILTER**



**AUTOMATIC
SOFTENER MPV**



**AUTOMATIC FILTER
MPV**



BRINE TANK



**AUTOMATIC
SOFTENERS**



**DIGITAL
FLOW METER**



SALT TABLETS



**BATHROOM
SOFTENER**



SCALE FREE TANK



**WATER SOFTENER
BFT**



FUNNEL



**LOW PRESSURE
SWITCH**



SOFTENER STAND



VACUUM BREAKER



SAMPLING VALVE



MULTIPORT VALVES



READY TO USE COMPACT MBR BASED SYSTEM FOR STP/ETP



REINFORCED PVDF MBR MEMBRANE



Aquafluo MEMBIO process is based on use of Submerged membranes for solid liquid separation. It belongs to Membrane Bioreactor (MBR) family Low Footprint and high reuse quality water treatment. Design of Aquafluo MEMBIO is done to cater Sewage Treatment requirement of single family to full fledged community.

How AGUAFLUO MEMBIO Membrane works?

- In the Bioreactor, clean water gets collected in the hollow fiber cavity, leaving the biomass outside
- Backwash is regularly applied to prevent clogging (fouling) of hollow fiber membrane
- High MLSS (6,000 - 12,000 mg/L) => low HRT => small reactor volume => small plant footprint area
- Biomass separation is independent of settling, is done using MBR Membrane (micro or ultra filtration)
- Biomass is completely retained, In treated water TSS (<1mg/L) and turbidity (<1NTU) is very low.
- Automatic operation, operator requirements are reduced
- Due to elevated SRT (Solid / Sludge Retention time) less prone to problems associated with nitrification and toxic or less biomass yield => less sludge
- Due to high MLSS, shock loads can be easily handled
- Better SRT control since no escape of TSS as occasionally observed from secondary clarifiers
- Can also remove nitrogen and phosphorus with the addition of anaerobic and anoxic zones MEN

Type		MEMBIO 10	MEMBIO 15	MEMBIO 20
Membrane	Nominal pore size, μm	0.05 to 0.1		
	Material	Reinforced - PVDF		
Membrane area per element, m^2		10	15	20
Membrane 3 element dimension	Height (H), mm	1010	1515	2020
	Wide (W), mm	535	535	535
	Thickness (T), mm	45	45	
Amount of Aeration, m^3/hr		3.5-4	4-4.5	
Filtration Method	Suction/Outside - In			
Hollow fibers I/O diameter, mm	1.2/2.2			
Design flow rate	Liters/Hour	100 - 300	150 - 450	200 - 600
	Sewage design, l/h	150	225	300



RECOMMENDED CONDITIONS	
Rated critical design flux, $\text{l}/\text{m}^2 \text{h}$	15-30
Service life, year	3-5
Operating temperature, $^{\circ}\text{C}$	10-45
PH tolerance range	2-11
Sludge turbidity, g/l	4-12

Backwash pressure, mpa	Less than 0.2
Operating pressure, mpa	$\leq 0.3 \text{ mpa}$
Air diffuser	Fine Bubble - Disk or Tube Type
Recommended usage	Medium and large capacity plants ($>200 \text{ m}^3/\text{d}$) Municipal & Industrial wastewater



EC SLITE

No.	MODEL	FLOWRATE	INLET / OUTLET SIZE
1	UV MINILITE	100 LPH	1/4" BSP (M)
2	ECS004L	250 LPH	1/4" BSP (M)
3	ECS007L	400 LPH	1/2" BSP (M)
4	ECS010L	650 LPH	1/2" BSP (M)
5	ECS015L	750 LPH	3/4" BSP (M)
6	ECS025L	1380 LPH	3/4" BSP (M)
7	ECS040L	2100 LPH	1" BSP (M)
8	ECS070L	4500 LPH	1.5" BSP (M)



ECOSTREAM SERIES

No.	MODEL	FLOWRATE	INLET / OUTLET SIZE
1	ECS60R	3400 LPH	1" BSP
2	ECS100R	6200 LPH	1" BSP
3	ECS150R	8900 LPH	1.5" BSP
4	ECS250R	15000 LPH	2" BSP
5	ECS310R	18500 LPH	2" BSP



UV FOR ETP & STP

No.	MODEL	FLOWRATE	INLET / OUTLET SIZE
1	WL 3	4.5 m3/hr	1.5 BSP (M)
2	WL 4	8 m3/hr	1.5 BSP (M)
3	WL 6	10 m3/hr	2" BSP (M)
4	WL 8	15 m3/hr	2" BSP (M)
5	WL 12	25 m3/hr	3" BSP (M)
6	WL 16	35 m3/hr	3" BSP (M)



ULTRA POOL UV (SWIMMING POOL)

No.	MODEL	FLOWRATE	INLET / OUTLET SIZE
1	UP 45	2500 LPH	1.5" BSP
2	UP 100	6000 LPH	2" BSP
3	UP 150	9000 LPH	2" BSP
4	UP 250	15000 LPH	2.5" BSP
5	UP 250	30000 LPH	2.5" BSP
6	UP 850	50000 LPH	3" BSP



SCALE HARBOR

This unit consists of non-sacrificing electrode made of Titanium and coated with mixed metal oxides, which is powered by a control panel. This electrode is fixed inside a chamber made of SS tube and the water to be treated is made to flow through this pipe. When the water flows through this and the electrodes get powered, and electrolysis process takes place inside the chamber which disintegrates the molecular structure of the hardness causing compounds in such a way they will lose the property of depositing as scale inside the pipelines, on the floorings, on the bathroom fittings wherever the water is used and Also a portion of scale gets accumulated in the electrode, which has to be periodically removed and washed.



SEMI-AUTOMATIC

Manual self-cleaning system



AUTOMATIC

Automatic self-cleaning system

SL No.	AUTOMATIC MODEL	SEMI AUTOMATIC MODEL	CAPACITY LPH
1.	SHSA2	SHA2	2000
2.	SHSA3	SHA3	3000
3.	SHSA4	SHA4	4000
4.	SHSA6	SHA6	6000
5.	SHSA10	SHA10	10000

SILVER IONIZATION WATER DISINFECTION EQUIPMENTS

DOMESTIC



15 LPH



150 LPH



50 LPH

COMMERCIAL



LCD

S.NO.	MODEL	CAPACITY LPH
1	SENCO RD 1	250
2	SENCO RD 2	500
3	SENCO RD 3	1000
4	SENCO RD 4	2000

LED

S.NO.	MODEL	CAPACITY LPH
1	SENCO ED 1	250
2	SENCO ED 2	500
3	SENCO ED 3	1000
4	SENCO ED 4	2000

**Pilot Operated Diaphragm Type
Solenoid Valve (NC/NO) - PCN Series**

Port :	3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3" & 4" (Available BSP / NPT)						
End Connection :	Screwed / Flange						
Body Material :	SS ASTM A351 Grade CF8 / CF8M						
Diaphragm :	Nitrile (NBR)		EPDM		Viton (FKM)		
Media Temp :	-30°C to 90°C		-10°C to 140°C		-10°C to 180°C		
Body Material :	-10°C to 70°C						
Media :	Air, Water, Chemical, Gas, Oil & LPG						
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.						
Operating Voltage :	24AC	110AC	230AC	12DC	24DC		
Power Consumption :	9W	9W	9W	10W	11W		
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.						
Coil Housing :	IP65 Epoxy square coil, IP65 Metallic round enclosure, IP67 Flameproof enclosure, IP68 Weatherproof enclosure.						
Optional Feature :	90% Power saver series also available, Manual Override, Water hammering reducer also available to avoid water hammer forces.						
Other Specification Data :	Available on Request. - High Pressure 20Kg Series. - Manual Override						

Note: Use of filter in the inlet port is recommended.

MODEL NO.	BODY MATERIAL	PIPE (INCH)	ORIFICE (MM)	MIN. OPERATING PRESSURE KG / CM ²	MAX OPERATING PRESSURE KG / CM ²	SEAL & DIAPHRAGM MATERIAL	FLOW FACTOR Kv m ³ / HR
PCN-7E	CF8/CF8M	3/8"	15	0.5	12	NBR/EPDM/VITON	2
PCN-2E	CF8/CF8M	1/2"	17	0.5	12	NBR/EPDM/VITON	4.4
PCN-3E	CF8/CF8M	3/4"	20	0.5	12	NBR/EPDM/VITON	3.7
PCN-4E	CF8/CF8M	1"	25	0.5	12	NBR/EPDM/VITON	10
PCN-5E	CF8/CF8M	1 1/4"	36	0.5	12	NBR/EPDM/VITON	12.2
PCN-6E	CF8/CF8M	1 1/2"	36	0.5	12	NBR/EPDM/VITON	17.1
PCN-8E	CF8/CF8M	2"	47	0.5	12	NBR/EPDM/VITON	33.3
PCN-9E	CF8/CF8M	2 1/2"	59	0.5	12	NBR/EPDM/VITON	43.5
PCN-AE	CF8/CF8M	3"	71	0.5	12	NBR/EPDM/VITON	64.5
PCN-BI	CF8/CF8M	4"	98	0.5	12	NBR/EPDM/VITON	115

Pilot Operated Diaphragm Type Solenoid Valve (NC) - PBN Series



Port :	3/8", 1/2", 3/4", 1", 1 1/2", & 2" (Available BSP / NPT)				
End Connection :	Screwed				
Body Material :	Forged Brass				
Diaphragm :	Nitrile (NBR)	EPDM	Viton (FKM)		
Media Temp :	-30°C to 90°C	-10°C to 140°C	-10°C to 180°C		
Body Material :	-10°C to 70°C				
Media :	Air, Water, Chemical, Gas, Oil, Diesel, Kerosene, LPG.				
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.				
Operating Voltage :	24AC	110AC	230AC	12DC	24DC
Power Consumption :	9W/6W	9W/6W	9W/6W	10W/6W	11W/6W
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.				
Coil Housing :	IP65 Epoxy square coil, IP65 Metallic round enclosure, IP68 Weatherproof enclosure.				
Optional Feature :	90% Power saver series also available, Manual Override, Water hammering reducer also available to avoid water hammer forces.				
Other Specification Data :	Available on Request.				

Note: Use of filter in the inlet port is recommended.

MODEL NO.	BODY MATERIAL	PIPE (INCH)	ORIFICE (MM)	MIN. OPERATING PRESSURE KG / CM ²	MAX OPERATING PRESSURE KG / CM ²	SEAL & DIAPHRAGM MATERIAL	FLOW FACTOR Kv m ³ / HR
PBN-7CM	BRASS	3/8"	16	0.5	10	NBR/EPDM/VITON	1.5
PBN-2CM	BRASS	1/2"	16	0.5	10	NBR/EPDM/VITON	2.1
PBN-3CM	BRASS	3/4"	20	0.5	10	NBR/EPDM/VITON	5.5
PBN-4CM	BRASS	1"	25	0.5	10	NBR/EPDM/VITON	9
PBN-5CM	BRASS	1 1/4"	36	0.5	10	NBR/EPDM/VITON	17.1
PBN-6CM	BRASS	1 1/2"	36	0.5	10	NBR/EPDM/VITON	17.1
PBN-8E	BRASS	2"	50	0.5	10	NBR/EPDM/VITON	299

Semi Lift Diaphragm Operated Plastic Solenoid Valve (NC) - MNN Series



Port :	1/2", 3/4", 1" (Available in BSP / BSPT / NPT)			
End Connection :	Screwed			
Body Material :	Nylon Glass Filled			
Diaphragm :	Nitrile (NBR)			
Media Temp :	5°C to 50°C			
Circumstance Temp. :	-10°C to 50°C			
Media :	Water, Air, Inert Gas			
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.			
Operating Voltage :	110AC	230AC	12DC	24DC
Power Consumption :	11W	10W	10W	11W
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.			
Coil Housing :	IP65 Epoxy square coil, IP65 Metallic round enclosure, IP68 Weatherproof enclosure.			
Other Specification Data :	Available on Request.			

Note: Use of filter in the inlet port is recommended.

MODEL NO.	BODY MATERIAL	PIPE (INCH)	ORIFICE (MM)	MIN. OPERATING PRESSURE KG/CM ²	MAX OPERATING PRESSURE KG/CM ²	SEAL & DIAPHRAGM MATERIAL	FLOW FACTOR Kv m ³ / HR
MNN-2E	Nylon GF	1/2"	16	0	7	NBR	2.1
MNN-3E	Nylon GF	3/4"	16	0	7	NBR	3
MNN-413E	Nylon GF	1"	20	0	7	NBR	8.2

HIGH PRESSURE PUMPS

CR, CRI, CRN PUMP

The Grundfos CR, CRI, and CRN pumps are vertical multistage, centrifugal pumps. The in-line design of the pumps enables installation in a horizontal one-pipe system where the inlet and outlet ports are in the same horizontal level and have the same pipe dimensions which provide a compact pump design.



APPLICATIONS

Process water systems | Washing and cleaning systems
RO, UV, Softening Systems | Cooling and Air-conditioning systems
Pressure Boosting in high rise buildings, hotels



CRE PUMP - VFD - IE5

The Grundfos CRE is a CR pump with an MGE Motor to meet the EN Standards. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2. The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.

WATER TRANSFER PUMPS

The Grundfos NB, NK Pumps are stainless steel/CI end-suction pumps with an excellent solution for industrial applications where both small and large volumes of media need to be transferred or circulated. Exceptional performance when pumping clean, slightly dirty, or aggressive media is just a few of many benefits.

NB, NK PUMP



APPLICATIONS

Water treatment | Textiles | Aquafarming | Washing and cleaning systems

CM PUMP



The Grundfos CM Pump is basically composed of a series of interchangeable modules, all of which have been designed to work together seamlessly, whatever the application is. It adds reliability and quiet operations to the mix, another innovative pump solution from Grundfos is born.

APPLICATIONS

Water Treatment | Water Transfer | Water circulation (liquid temperature 20°C-120°C)

MEDIAS

ANTHRACITE

General Purpose
Filtration Media



MnO₂

Best Iron Removal
Media



BIRM

Iron and Manganese
Removal Media



GREEN SAND

Iron Removal
Media



KALPAKA

Coconut KALBON
Activated Carbon



ION EXCHANGE SOFTENER RESIN

220 Na, 225 Na



PEBBLES



SILEX



ZERO TDS RESIN



ACM PURE

Activated Crystal Glass Filter Media



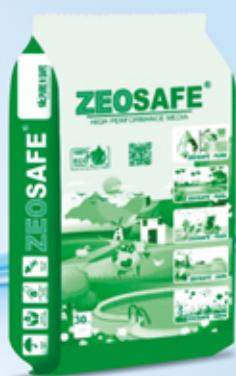
KATALOX-LIGHT

Advanced Catalytic Filtration Media for Iron, Manganese and Hydrogen Sulfide Removal



ZEOSAFE

Filter Media
TSS/TURBIDITY



N.ZO

Softener Resin



DMI-65

Iron Removal Media



SAFEDEF

Fluoride Removal



TITANSORB

Arsenic Removal



END CAP SPARES



HEAD ASSEMBLY

Type - SidePort / EndPort
Pressure Rating - 300, 450, 600,
1000 & 1200 PSI



BEARING PLATE

Type - SidePort / EndPort
Pressure Rating - 300, 450, 600,
1000 & 1200 PSI
MOC - 6061-T6 As per SB-221



SEALING PLATE

Type - SidePort / EndPort
Pressure Rating - 300, 450, 600,
1000 & 1200 PSI
MOC - Engineering Thermoplastic



PERMEATE PORT

Pressure Rating - 300, 450, 600,
1000 & 1200 PSI
MOC - Engineering Thermoplastic
Thread Connection - 1" NPT Female



PORT NUT

MOC - Engineering Thermoplastic
Thread Connection -
Left Hand Thread



FEED/CONC PORT (FC Port)

Type - EndPort
Pressure Rating - 300, 450, 600,
1000 & 1200 PSI
MOC-SS304, SS316, SS316L,
Duplex, Super Duplex



RETAINING RING

Type - Three turn finger pull
MOC - Ss316



PORT RETAINER SET

MOC - SS316 - Two piece set.



LOCKING SEGMENT

MOC - Ss316



SADDLE

MOC - Engineering Thermoplastic



STRAP ASSEMBLY

MOC - SS316 with PVC cushion
BOLT - SS316 - M8/100



ADAPTER SET

MOC - Engineering Thermoplastic
With Adapter Seal, PWT Seal & Spacers



THRUST RING / CONE

MOC - Engineering Thermoplastic



MEMBRANE INTERCONNECTOR

MOC - Engineering Thermoplastic
With Connector seal



BRINE SEAL
MOC - Ethylene
Propylene (EPDM)



HEAD SEAL



ADAPTOR SEAL



PWT SEAL



FC FORT



SPACERS





TABLE TOP

TYPE: HOT & COLD

Cold Storage Capacity

3.5 Litres

Power Cold

110 Watts

Cold Temperature Range

7~17° C

Cooling Capacity

3 Litres/Hr

Hot Storage Capacity

1 Litre

Power Hot

500 Watts

Heating Capacity

5 Litres/Hr

H*W*D(mm)

500*330*300

Inbuilt Space for RO/UV System

No




TABLE TOP

TYPE: HOT, COLD & NORMAL

Cold Storage Capacity

3.5 Litres

Power Cold

110 Watts

Cold Temperature Range

7~17° C

Cooling Capacity

3 Litres/Hr

Hot Storage Capacity

1 Litre

Power Hot

500 Watts

Heating Capacity

5 Litres/Hr

H*W*D(mm)

550*340*310

Inbuilt Space for RO/UV System

No




FLOOR STANDING

TYPE: HOT & COLD

Cold Storage Capacity

3.5 Litres

Power Cold

110 Watts

Cold Temperature Range

7~17° C

Cooling Capacity

3 Litres/Hr

Hot Storage Capacity

1 Litre

Power Hot

500 Watts

Heating Capacity

5 Litres/Hr

H*W*D(mm)

920*330*330

Inbuilt Space for RO/UV System

No




FLOOR STANDING

TYPE: HOT, COLD & NORMAL

Cold Storage Capacity

3.5 Litres

Power Cold

110 Watts

Cold Temperature Range

7~17° C

Cooling Capacity

3 Litres/Hr

Hot Storage Capacity

1 Litre

Power Hot

500 Watts

Heating Capacity

5 Litres/Hr

H*W*D(mm)

950*340*310



BIG Plus

FLOOR STANDING

TYPE: HOT & COLD

Cold Storage Capacity	8 Litres
Power Cold	120 Watts
Cold Temperature Range	7~17° C
Cooling Capacity	5 Litres/Hr
Hot Storage Capacity	1 Litre
Power Hot	500 Watts
Heating Capacity	5 Litres/Hr
H*W*D(mm)	1120*330*330
Inbuilt Space for RO/UV System	Yes



BASIC

TABLE TOP

TYPE: HOT & NORMAL

Hot Storage Capacity	1 Litre
Power Hot	550 Watts
Heating Capacity	5 Litres/Hr
H*W*D(mm)	430*325*325
Net Weight	2.2kgs
Inbuilt Space for RO/UV System	No



Super

FLOOR STANDING

TYPE: HOT, COLD & NORMAL

Cold Storage Capacity	15 Litres
Power Cold	150 Watts
Cold Temperature Range	7~17° C
Cooling Capacity	10 Litres/Hr
Hot Storage Capacity	1 Litre
Power Hot	500 Watts
Heating Capacity	5 Litres/Hr
H*W*D(mm)	1150*350*350
Inbuilt Space for RO/UV System	Yes



ATLANTIS

HORIZONTAL **SS WATER** **TANK**

**CAPACITY
1000-5000
LITRES**

**100%
FOOD GRADE
AISI 304 & 316
GRADE
STAINLESS STEEL**



	Easy Handling		No Bacteria, No Fungus, No Algae		Heat Reflection		Instant Clean Drain		Easy Cleaning		Safe, Healthy & Hygienic		Rust Proof		No Harmful Toxins
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TECHNICAL SPECIFICATION

S.No	MODEL	HEIGHT	DIAMETER	MAHOLE DIAMETER	OUTLET	INLET	FLUSH	LENGTH	WEIGHT OF TANK
1	1000 LTRS	51"	40"	12"	1.5"	1"	1"	63"	40 KGS
2	1500 LTRS	59"	51"	12"	1.5"	1"	1"	60"	57 KGS
3	2000 LTRS	59"	51"	12"	1.5"	1"	1"	78"	79 KGS
4	3000 LTRS	64"	56"	12"	1.5"	1.5"	1"	85"	91 KGS
5	5000 LTRS	76"	65"	12"	2"	1.5"	1"	105"	153 KGS



VERTICAL SS WATER TANK

CAPACITY
1000-5000
LITRES

100% FOOD GRADE
AISI 304 & 316
GRADE
STAINLESS STEEL



TECHNICAL SPECIFICATION

S.No	MODEL	HEIGHT	DIAMETER	MAHOLE DIAMETER	OUTLET	INLET	FLUSH	THICKNESS	WEIGHT OF TANK
1	90 LTRS	24"	21.6"	15.5"	1"	1"	-	0.6mm	9 KGS
2	150 LTRS	30"	21.6"	15.5"	1"	1"	-	0.6mm	12 KGS
3	250 LTRS	40"	24"	15.5"	1"	1"	1"	0.6mm	13 KGS
4	300 LTRS	42"	28.5"	15.5"	1.5"	1"	1"	0.6mm	15 KGS
5	500 LTRS	63"	28.5"	15.5"	1.5"	1"	1"	0.6mm	24 KGS
6	1000 LTRS	67"	38.5"	15.5"	1.5"	1"	1"	0.6mm	35 KGS
7	1500 LTRS	73"	48.5"	15.5"	1.5"	1"	1"	0.6mm	44 KGS
8	2000 LTRS	85"	48.5"	15.5"	1.5"	1"	1"	0.6mm	51 KGS
9	3000 LTRS	87"	63"	20.7"	2"	1"	1"	0.8mm	105 KGS
10	5000 LTRS	124"	63"	20.7"	2"	1"	2"	0.8mm	130 KGS



ABHI RO WATER PURIFIER

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Coimbatore, Tamil Nadu - 641025, India.
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