



TOPAZ
WATER TECHNOLOGY

"Committed
To **Quality**
&
Committed
To **You**"

MADE IN 
INDIA 

About Us

TOPAZ WATER TECHNOLOGY is one of the most recognized and trusted brands globally for the manufacture, distribution, supply and trading of Reverse Osmosis (RO) components such as Domestic RO Booster Pumps, RO Inline Filters, RO Membrane, RO Housing, RO Spun Filter, RO Wound Filter, RO GAC/CTO Filter, RO UV Barrel, RO Tubing, RO Accessories, Industrial RO Plants 50 LPH to 10000 LPH Bottling Machine. As global sources of water supply reach their worst levels of contamination, TOPAZ WATER TECHNOLOGY forges ahead in the field of water purification technology to deliver completely safe and healthy drinking water. Designed for residential and light commercial use, TOPAZ WATER TECHNOLOGY offers consumers across the world a dynamic and comprehensive range of RO components to suit all water conditions and in come groups. Today our product range includes a complete collection of water purification components such as RO Systems, Bracket, Filter Wounds, Housing, Membrane and Pump among others. Manufactured domestically from top grade materials, these products are precision engineered to enhance water purification.

OUR VISION :

To create a future where people are safe and the environment is protected from pollution, air, water, food, consumable and Industrial Products.

MISSION :

o contribute to the growth of society as we grow the company business. To unlock the worldwide market potential for the products manufactured locally. To exceed our customer's expectations in quality, delivery, and cost through continuous improvement and customer interaction.



PLATINIUM

100 GPD



SPECIFICATION	100 G
Working Pressure	: 80 PSI
Max. Pressure	: 140 PSI
Open Flow	: 1.6 LPM
Max. AMP	: 1.2 A
Working AMP	: 1.0 A
Voltage	: 24 V DC

PLATINIUM

150 / 300 GPD



SPECIFICATION	150 G	300 G
VOLTS	: 24 VDC	24 VDC
AMP	: 1.4 A	2.5 A
INLET PRESSURE	: 40 PSI	80 PSI
NOMINAL FLOW RATE	: > 2.2 L/MIN	> 5.0 L/MIN
WORKING PRESSURE	: 100 PSI	100 PSI
MAX. PUMP OUTPUT	: 140 PSI	160 PSI

- Corrosion Resistant Valves
- Quiet Running
- Smooth Operation
- Runs Dry Without Damage
- Low Power Draw
- Easy Connecting System

GOLD

100 / 150 GPD



SPECIFICATION	100 G	150 G
VOLTS	: 24 VDC	24 VDC
AMP	: 0.9 A	1.4 A
INLET PRESSURE	: 30 PSI	40 PSI
NOMINAL FLOW RATE	: > 1.5 L/MIN	> 2.5 L/MIN
WORKING PRESSURE	: 80 PSI	100 PSI
MAX. PUMP OUTPUT	: 120 PSI	140 PSI

 **TOPAZ**
WATER TECHNOLOGY

SPECIFICATION

VOLTS : 24 VDC NOMINAL FLOW RATE : > 1.5 L/MIN
AMP : 0.9 A WORKING PRESSURE : 80 PSI
INLET PRESSURE : 30 PSI MAX. PUMP OUTPUT : 120 PSI

GOLD - 100 GPD

BOOSTER PUMP IS DESIGNED FOR REVERSE OSMOSIS WATER PURIFICATION TECHNOLOGY

BOOSTER PUMP

SUPREME

100 / 150 GPD



TOPAZ
WATER TECHNOLOGY

SUPREME - 100 GPD

SPECIFICATION

VOLTS	: 24 VDC
AMP	: 0.9 A
INLET PRESSURE	: 30 PSI
NOMINAL FLOW RATE	: > 1.5 L/MIN
WORKING PRESSURE	: 80 PSI
MAX. PUMP OUTPUT	: 120 PSI

A DIAPHRAGM BOOSTER PUMP IS DESIGNED FOR
REVERSE OSMOSIS WATER PURIFICATION TECHNOLOGY.

BOOSTER PUMP



**ZERO
NOISE**



**LOWEST
ELECTRICITY
CONSUMPTION**



**LOWEST
HEATING**



**EXCELLENT
NOMINAL
FLOW**



**LOWEST
VIBRATION**



**EXCELLENT
PRESSURE
OUTPUT**

HI QUE

100 / 150 / 300 GPD



SPECIFICATION	100 G	150 G	300 G
VOLTS	: 24 VDC	24 VDC	24 VDC
AMP	: 1.12 A	1.4 A	2.5 A
INLET PRESSURE	: 40 PSI	40 PSI	80 PSI
NOMINAL FLOW RATE	: > 1.6 L/MIN	> 2.2 L/MIN	> 5.0 L/MIN
WORKING PRESSURE	: 70 PSI	100 PSI	100 PSI
MAX. PUMP OUTPUT	: 140 PSI	140 PSI	160 PSI



CLASSIC
100 / 150 GPD



SILVER
100 GPD

EMERALD

INLINE FILTERS



Thread Type Fitting

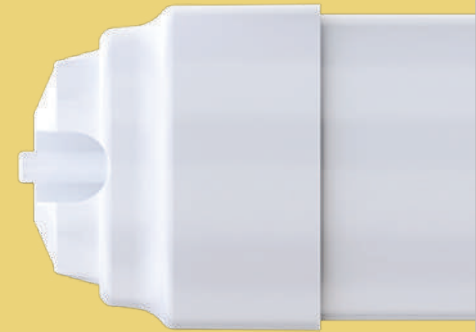


- **Pre Carbon Filter** - 900iv Activated Carbon - Block
- **Sediment Filter** - 5 Micron Spun Filter
- **Post Carbon Filter** - 4" spun + 900iv Coconut Carbon

- **Max. Bursting Press.**
225 PSI / 15.51 BAR
- **Max. Working Press.**
125 PSI / 8.62 BAR

RADIANT

INLINE FILTERS



Quick Type Fitting



- Pre Carbon Filter - 600iv Activated Carbon
- Sediment Filter - 5 Micron Cloth Filter
- Post Carbon Filter - 600iv Carbon

- Max. Bursting Press. 225 PSI / 15.51 BAR
- Max. Working Press. 125 PSI / 8.62 BAR

OVAL

INLINE FILTERS



Quick Type Fitting +
Thread Type Fitting



- Pre Carbon Filter - 600iv Activated Carbon
- Sediment Filter - 5 Micron Cloth Filter
- Post Carbon Filter - 600iv Carbon

- Max. Bursting Press. 225 PSI / 15.51 BAR
- Max. Working Press. 125 PSI / 8.62 BAR

8" Mini Post Filter



100 %
COCONUT
CARBON

- **Get rids of unpleasant smell**
- **Enhance Water Flavour**
- **Granular Post Filter- 900 iv Coconut Carbon**

- **8" Mini Post**
Quick Type Fitting
Thread Type Fitting 

MINERAL CARTRIDGE




- ➔ Mineral Additives
- ➔ Remove Bacteria.
- ➔ PH Enhancer.
- ➔ Improves Taste of Water.

- 8" Mineral
 - Quick Type Fitting
 - Thread Type Fitting

ALKLINE CARTRIDGE



- ➔ Mineral Additives
- ➔ Remove Bacteria.
- ➔ PH Enhancer.
- ➔ Improves Taste of Water.

- 8" & 10" Alkline
Quick Type Fitting
Thread Type Fitting 

MEMBRANE-100/150/300



Testing Conditions :

- ➔ Testing Pressure 100 Psi (0.69Mpa)
- ➔ Temperature Of Testing Solution 25° C
- ➔ Concentration of Testing Solution (Nacl) 500 PPM

Model	Average Permeate(GPD)	Stable Rejection (%)	Min. Rejection (%)	Max. TDS
TWTM-2122-100	100(12 Ltr/hr)	96.5	95	2000
TWTM-2122-150	150(17 Ltr/hr)	96.5	95	2000
TWTM-2122-300	300(24 Ltr/hr)	96.5	95	2000

SPUN FILTER



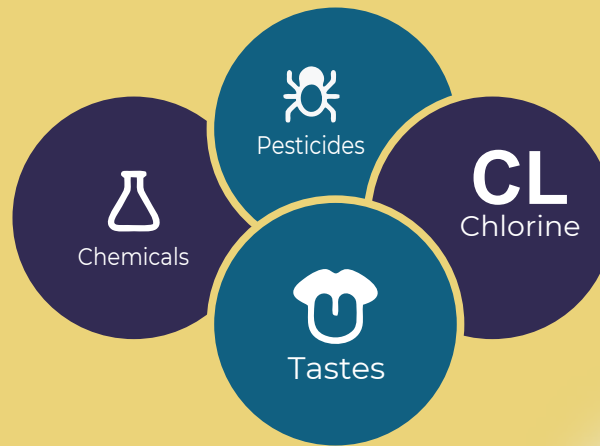
PRODUCT SPECIFICATIONS

Micron Rating	1, 5, 10, 20 μ
Length	10", 20", 30", 40"
Diameter	2 \emptyset to 4.5 \emptyset
Max operating temperature	80° C
Max Differential Pressure	3-4 bar (50 psi) @ 21°C

FEATURES & BENEFITS :

- High flow rates and low pressure drops
- Wide chemical compatibility
- Particles removed through the entire depth of filter cartridge.
- Graded density structure for maximum dirt holding capacity
- Supported core for overall strength
- Thermal bonding process stops media migration
- Contains no resin binders, solvent ,wetting or antistatic agents

GAC & CTO FILTERS



- ★ Chlorine,
- ★ Pesticides
- ★ Cloudiness
- ★ Unnatural Tastes
- ★ Odors and
- ★ Organic Chemicals



HOUSING



FILTER HOUSINGS

100% Virgin Poly-Propylene
Gross Weight-600 Gms Can Hold
Pressure Up to 300 PSI Double o'ring



MEMBRANE HOUSINGS

100% Virgin Poly-Propylene
Gross Weight-250 Gms
Can Hold Pressure Up to 300 PSI
Double o'ring

SPUN FILTER WOUND FILTER



SPUN FILTER



WOUND FILTER

FEATURES & BENEFITS :

- High flow rates and low pressure drops
- Wide chemical compatibility
- Particles removed through the entire depth of filter cartridge.
- Graded density structure for maximum dirt holding capacity
- Supported core for overall strength
- Thermal bonding process stops media migration
- Contains no resin binders, solvent ,wetting or antistatic agents

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ACTIVATED 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

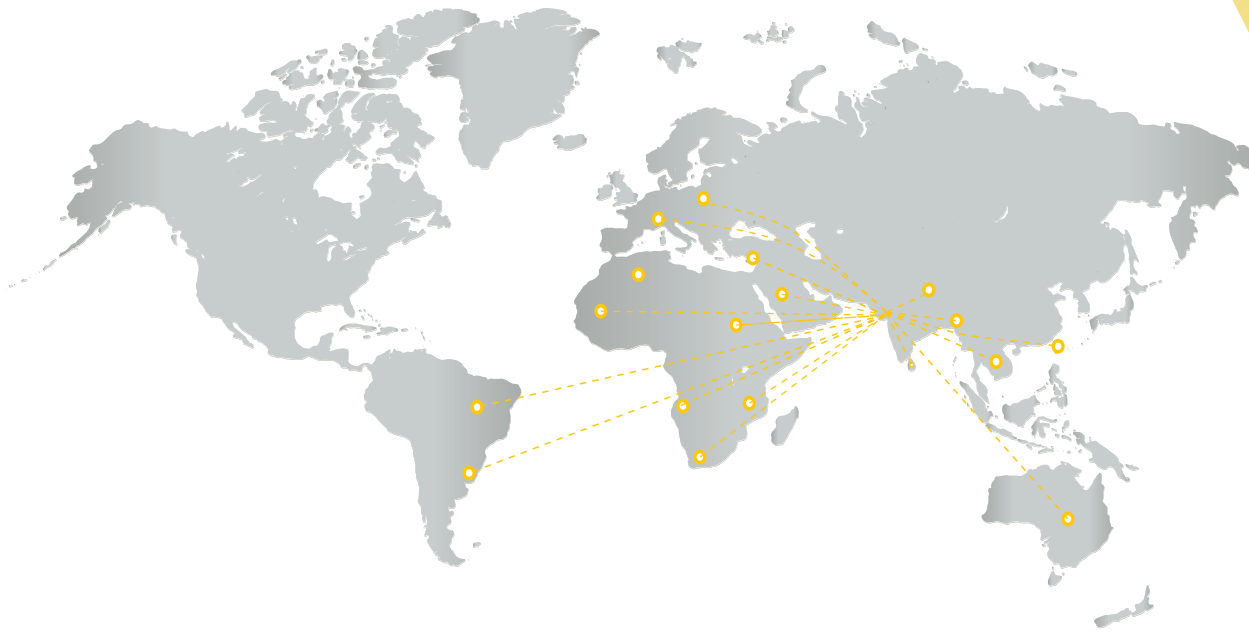
Domestic & Industrial Water Softening

Condensate Polishing

Brine Purification

Nitrate, Arsenic & Boron Removal

Organic Scavenger



TOPAZ

WATER TECHNOLOGY

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