

Quality
like never before...



India's largest OEM Manufacturer

India's Most Equipped Automatic Membrane Manufacturing Facility.

öntöz[®]
MEMBRANES

VELIENT PEC INDIA PVT LTD is manufacturing enterprise of PEC group since 2006.

We are located at the city which is known worldwide as the biggest diamond and silk city, Surat, Gujarat, India.

We have started importing membranes for pan-India from the year 2007. Through market researchers we came to know that the membrane models available in the world are not suitable for Indian family. Hence to fulfill the need of Indian family, we introduced customized 80GPD membrane first time in the world which is now known as 13 layers membrane and it became very popular in a very short span in our markets.

By our customer's feedbacks, experiences and the guidance of our global research partner we **ÖNTÖZ** has adopted the class of scientific innovation based very keen and detailed water analyses across the India to invent a membrane which is unique in performance and excellent in shelf life.

As the rising demand of our membranes in Indian market as well as world market, to meet quantity with the optimum quality, we are the first India based company to have manufacturing facility with the global partner at DONG YANG LAICHI TECHNOLOGY CO. LTD, China. At our facility we have developed fully energetic, passionate and efficient work culture to produce 'Zero Defect' consistent quality production.

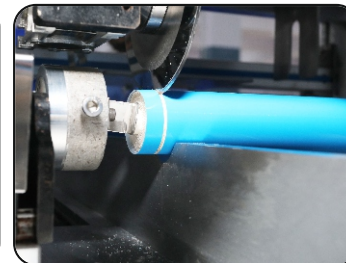
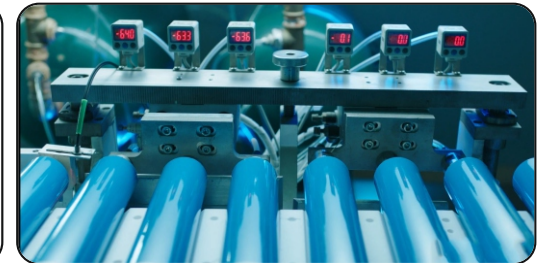
Getting inspired from The '**Make in India**' initiative launched by **Prime Minister Shree Narendra Modi** in the year of 2014, We Velient PEC India Pvt Ltd., introduced India's most equipped automatic membrane manufacturing facility. At present we are **India's largest OEM manufacturer with the capacity of 6000 pcs/day** as on year 2021.

As morality, integrity and sincerity is utmost important for any establishment, Pursue innovation, customer oriented product development and customers satisfaction after sales is our top priority. We have established long term co-operation locally as well as globally. We are also proud to be a part of "**MAKE IN INDIA**" and "आत्मनिर्भर भारत" (Self dependent India).

Yes, Why "PEC"? Perfection, Excellent, Class, "we create self value, customer value and value for the society.



**INDIA'S MOST
EQUIPPED
AUTOMATIC
MEMBRANE
MANUFACTURING
FACILITY.**



HIGH TDS UPTO 4000*



ONTOZ Model	GPD	Input* TDS	Permeate Flow Rate (LPH)	Minimum Rejection %	Stabilized Rejection %
OT-1812	75GPD	4000	11~13	97.5	98.5
OT-1812	80GPD	4000	14~16	97.5	98.5
OT-2012	100GPD	4000	16~18	97.5	98.5
OT-3012	300GPD	4000	40~44	97.5	98.5

*Testing Condition Under Natural 4000TDS Water

HIGH FLOW UPTO 2500*



ONTOZ Model	GPD	Input* TDS	Permeate Flow Rate (LPH)	Minimum Rejection %	Stabilized Rejection %
OT-1812	75GPD	2500	14~16	96	97
OT-1812	80GPD	2500	16~18	96	97
OT-2012	100GPD	2500	18~20	96	97
OT-3012	300GPD	2500	45~50	96	97

*Testing Condition Under Natural 2500TDS Water

REGULAR FLOW UPTO 2000*

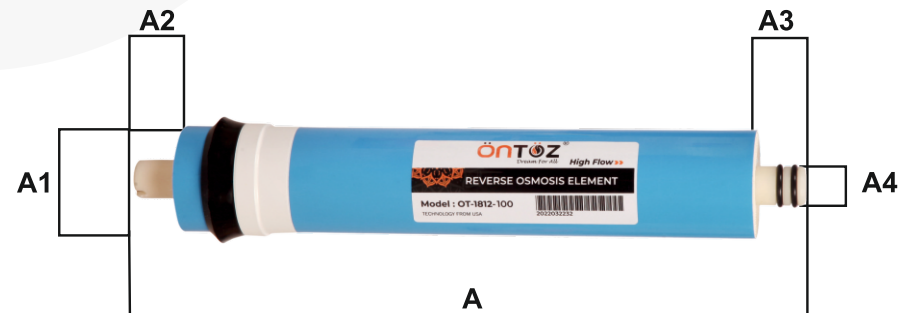


ONTOZ Model	GPD	Input* TDS	Permeate Flow Rate (LPH)	Minimum Rejection %	Stabilized Rejection %
OT-1812	75GPD	2000	12~14	96	97
OT-1812	80GPD	2000	15~17	96	97
OT-2012	100GPD	2000	17~19	96	97
OT-3012	300GPD	2000	42~46	96	97

*Testing Condition Under Natural 2500TDS Water

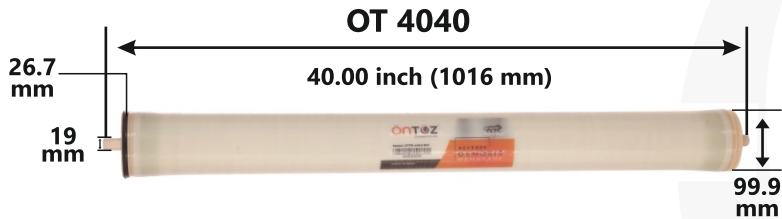
DOMESTIC MEMBRANE SIZE

ONTOZ Model	A (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)
OT-1812	298	43.0	22	22	17
OT-2012	298	46.0	22	22	17
OT-3012	298	62.0	22	22	17





ONTOZ Model	Permeate Flow GPD (M ³ /d)	Salt Rejection (%)	Membrane Area (Ft ² /m ²)	Testing Pressure (psi/MPa)	Testing Condition
OT-8040	10,000 (37.9)	99.00	400 (37)	225 (1.55)	2000ppm NaCl
OT-4040	2400 (9.1)	99.00	96 (8.9)	150 (1.03)	2000ppm NaCl
OT-4021	1000 (3.79)	99.00	48.5 (4.5)	150 (1.03)	2000ppm NaCl
OT-2540	750 (2.84)	99.00	32.3 (3.0)	150 (1.03)	2000ppm NaCl
OT-2521	350 (1.32)	99.00	16.15 (1.5)	150 (1.03)	2000ppm NaCl

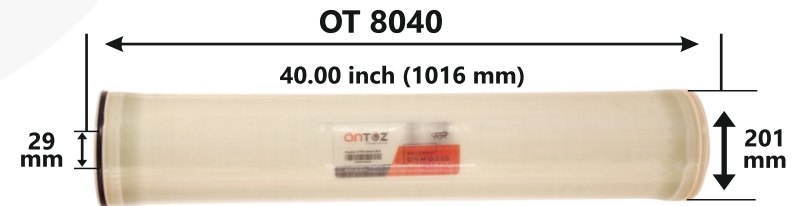


Performance

ONTOZ Model	Sheet area ft ² (m ²)	Pressure psi (MPa)	Flow GPD (M ² /d)	Stable Rejection / %	Min. Rejection / %
OT-4040-HR	115 (10.69)	225 (1.55)	2400 (9.1)	99.0	98.0
OT-4040-HF	95 (8.84)	150 (1.03)	2700 (10.2)	98.0	97.0
OT-4040-FR	99 (9.2)	150 (1.03)	2400 (9.1)	99.0	98.0
Ots1-4040-SW	95 (8.84)	800 (5.51)	1900 (7.0)	99.7	99.5

Performance

ONTOZ Model	Sheet area ft ² (m ²)	Pressure psi (MPa)	Flow GPD (M ² /d)	Stable Rejection / %	Min. Rejection / %
OT-8040-HR	430 (40)	225 (1.55)	10500 (40)	99.0	98.0
OT-8040-HF	400 (37)	150 (1.03)	11000 (41.7)	98.0	97.0
OT-8040-FR	400 (37)	150 (1.03)	10500 (40)	99.0	98.0
Ots1-8040-SW	400 (37)	800 (5.51)	9200 (35.0)	99.7	99.5



Testing Condition : 1500ppm tap water, temperature 25°C, Recovery rate 15% & flow fluctuate ±15%. above testing pressure.

ÖNTÖZ INDUSTRIAL WATER PURIFIER UP TO 15000 LPH



Öntöz Plant Design-Features

- Raw Water Analysis
- Pure Water less than or Equal to 100 ppm by Öntöz Membrane.
- Top Quality high pressure pump
- Treatment through wound micro filter, Sand resin media Filter, Spun micro filter.
- Anti scalent dosing system with tank
- Auto flush and backwash
- Advance composite pressure tube
- Industries standard FRP vessels
- Astral pipe fittings, SS316 skid.
- Digital electric control panel.

Our Öntöz industrial technical team offer best customize Ro plant as per your office, factory, farm's space & specified design for drinking water and requirements for manufacturing process.

ÖNTÖZ MEMBRANES APPLICATIONS



INDUSTRIAL & COMMERCIAL

Water is one of the most essential elements for sustaining human life. However, we face health risks from exposure to microbial, pesticides and various contaminants that may be present in the water we drink. ÖNTÖZ RO Membranes can remove 100% these substances from water.



TEXTILE & DYES INDUSTRY

ÖNTÖZ membranes are specially made for textile and dyes industry to recover water from effluent waste water which must be treated before discharge into the environment.



MEDICAL & PHARMACEUTICAL

Where quality and consistency required for human vaccine or pharmaceutical production need to remove of harmful substances there ÖNTÖZ membranes filtration is a key step in quality control.



OIL & GAS MINING

ÖNTÖZ Membranes specially designed filtration membranes that used to sulfate rejection application such as waterflood injection process in the oil, milling and gas industry



FOOD & BEVERAGES INDUSTRY

Many filtration steps are required in food industry such as Juice concentration, Fragrance recovery, Dealcoholization, Gelation Concentration etc. Where ÖNTÖZ membranes are only the choice.



DAIRY

ÖNTÖZ Membranes are especially made for treating dairy products to reach very high retention of lactose like proteins, minerals, sugar, calcium ions, enzymes, carbohydrates.

ÖNTÖZ® IMPORT

PAN INDIA EXCLUSIVE DISTRIBUTOR



TANK PRO SERIES

Model	Capacity		Connection (inch)
	(Gallon)	(Liter)	
PRO-0.3	0.3	1	PF 1/2 -14
PRO-0.8	0.8	3	1/4" NPT
PRO-2.0	2.0	7	1/4" NPT
PRO-2.2	2.2	8	1/4" NPT
PRO-2.8	3.2	12	1/4" NPT
PRO-3.2	4.4	18	1/4" NPT
PRO-3.2N	4.4	18	1/4" NPT
PRO-6.0	6.0	19	1/4" NPT
PRO-6.5	6.5	24	1/4" NPT
PRO-11	11.0	40	3/4" NPT
PRO-20	20.0	80	3/4" NPT
PRO-28	28.0	100	3/4" NPT
PRO-30	30.0	115	1" NPT
PRO-40	40.0	150	1" NPT



ÖNTÖZ 100GPD PUMP	
VOLTAGE	24 VDC
WORKING CURRENT	≤ 1.4 A
INLET PRESSURE	30 PSI
WORKING PRESSURE	82 PSI±8PSI
MAXIMUM PRESSURE	125 PSI
NOMINAL FLOW	≥ 2.0 LPM
SUCTION HEIGHT	2 Mtr
TEMPERATURE	5°~45° C

ACCESSORIES



TUBING

QC FITTING



SITONG FR

KFL FR

C892-WF14

W892-EF14



ALL KIND TAPS



CTO 20"

CTO 10"

GAC 10"

GAC 20"

ORGANIC LP/HP SWITCH



öntöz[®]
MEMBRANES

📍 HEAD OFFICE

B-101-103, Shivalik Plaza,
Nr. Kapodra - Utran Bridge,
Utran, Surat - 394 105 (Guj.) INDIA

📍 FACTORY

68-70, Shivdhara Raschel Park,
Gaay Pagla Road, Dhoran Pardi,
Kamrej, Surat-394 150 (Guj.) INDIA

VELIENT PEC INDIA PVT. LTD.

Contact : +91 84859 03535 / +91 84859 03500 | E-mail : ontozwater@gmail.com | www.ontoz.in