



PUREPRO
DRINKING WATER SYSTEM

■ Industrial RO Catalogues

purepro products you can
always count on number one
source for quality filters &
components

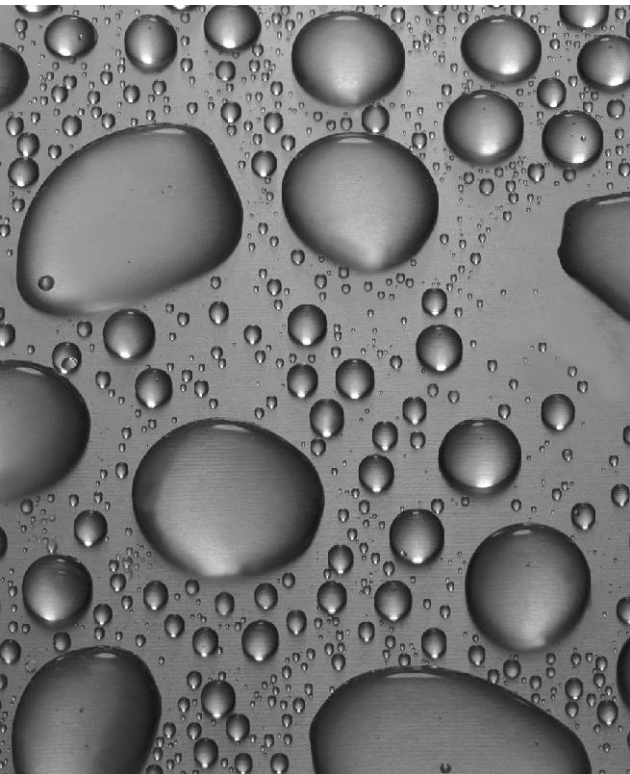
PUREPRO

MEMBER

 Water
Quality[®]
ASSOCIATION

QUALITY WATER FOR QUALITY LIFE

| Reverse Osmosis Pure Water Systems |



We are your clear choice

We believe that customer satisfaction should be our highest priority ensuring you get the very best from us. For this reason we have a team of trained people ready to help and advise you. We realize that when you decide to import RO systems to run your own water purification business. The RO systems you pick need to meet a very high standard. This is why we carefully manufacturer high quality system for you. Each RO systems has 100% factory tested and sterilized ready, design innovation and quality.

To compete in today's marketplace, you need to work with an established company offering a range of quality products and experienced technical assistance. For quality, saving and services, we are your clear choice.

PUREPRO
DRINKING WATER SYSTEM



CONTENTS

RO SYSTEMS

- 04 RO1500
- 05 RO3000
- 06 RO4500
- 07 RO6000
- 08 RO12000
- 09 RO18000
- 10 RO24000
- 11 RO36000
- 12 RO48000
- 13 RO60000

MEMBRANE HOUSING & MEMBRANE

- 16 MEMBRANE HOUSING
- 17 MEMBRANE

WATER SOFTENER

- 14 WATER SOFTENER

DEMONSTRATION OF DISASSEMBLING

- 18 RO3000
- 19 RO12000

RO COMPONENTS

- 20 RO15000
- 21 RO36000

SPECIFICATION

- 22 SPECIFICATION

PUREPRO

Pure-Pro Reverse Osmosis (RO) Systems

Over ten years expertise in reverse osmosis drinking water systems, our unique design features make installation easier and operation more reliable, and our wide selection of colors and sizes allows you to solve virtually any RO application.



1500GPD Industrial RO System

Purification filter
for laboratory
and industrial using

R01500

Requirement for feed water
Feed water pressure :
 $2\text{KG/cm}^2 \sim 4\text{KG/cm}^2$
Hardness : < 50 PPM (AT CaCO_3)
Cl : < 0.1 PPM
Turbidity : < 1
Feed Water TDS : < 1000 PPM

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3000GPD Industrial RO System

Purification filter
for laboratory
and industrial using

R03000

Requirement for feed water
Feed water pressure :
 $2\text{KG/cm}^2 \sim 4\text{KG/cm}^2$
Hardness : $< 50 \text{ PPM (AT CaCO}_3\text{)}$
Cl : $< 0.1 \text{ PPM}$
Turbidity : < 1
Feed Water TDS : $< 1000 \text{ PPM}$

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4500GPD Industrial RO System

Purification filter
for laboratory
and industrial using

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6000GPD Industrial RO System

Purification filter
for laboratory
and industrial using

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12000GPD Industrial RO System

Purification filter
for laboratory
and industrial using



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18000GPD Industrial RO System

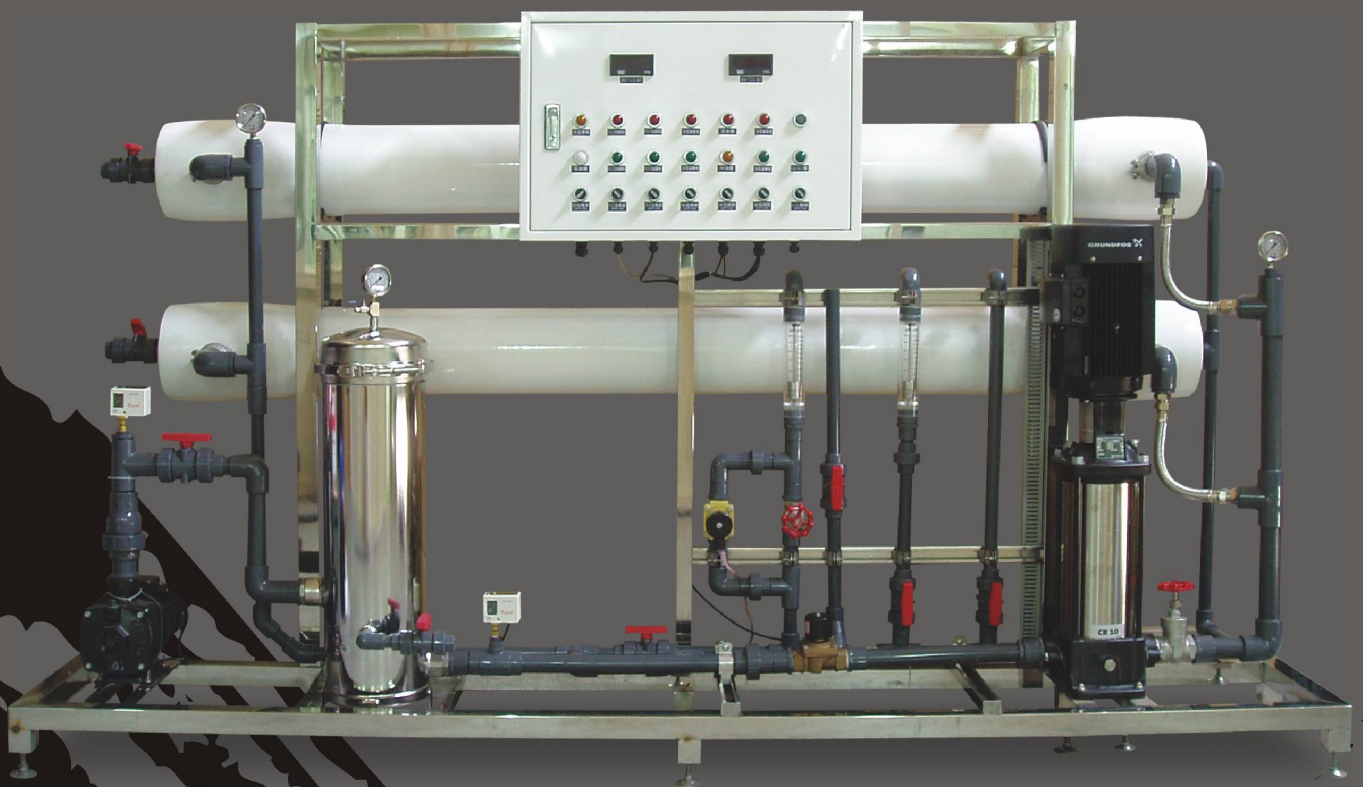
Purification filter
for laboratory
and industrial using




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24000GPD Industrial RO System

Purification filter
for laboratory
and industrial using



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Purification filter
for laboratory
and industrial using

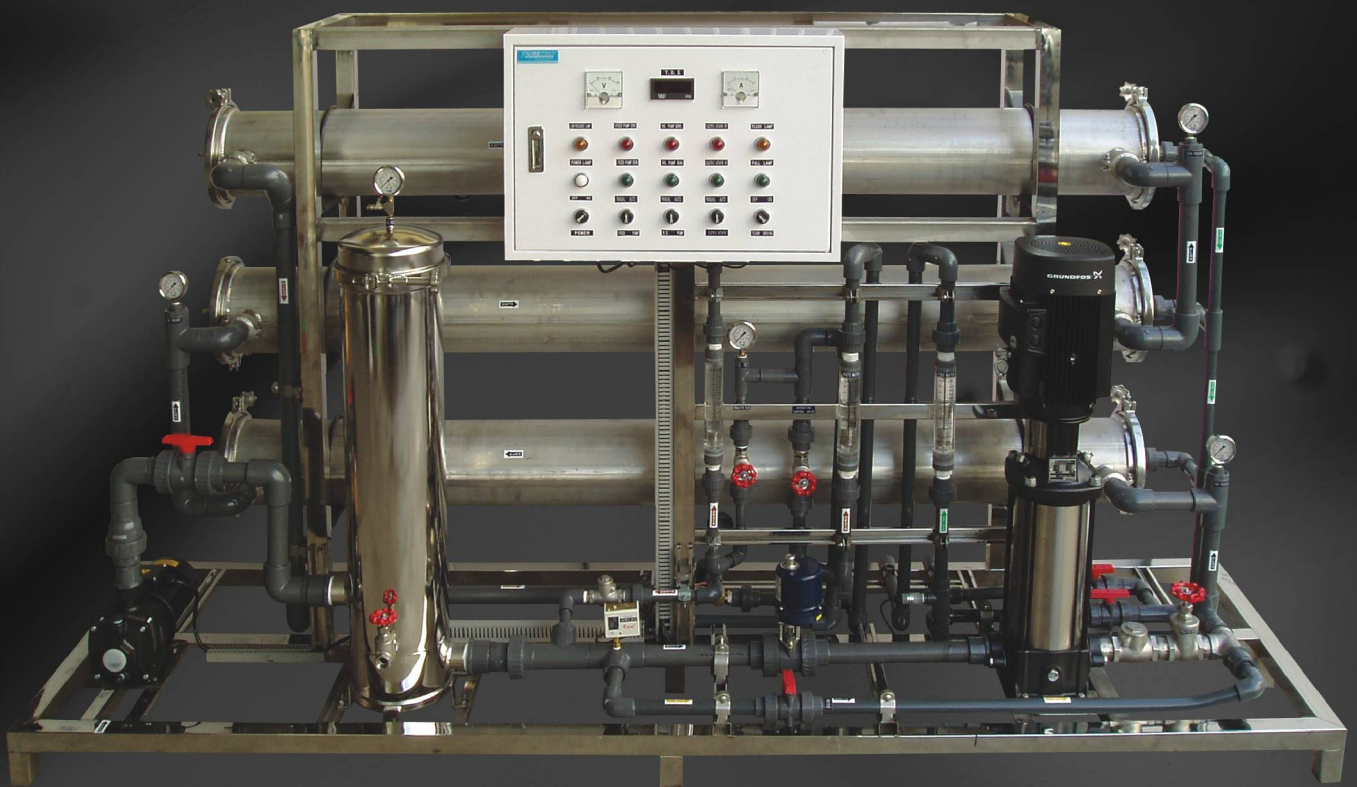
36000GPD Industrial RO System



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48000GPD Industrial RO System

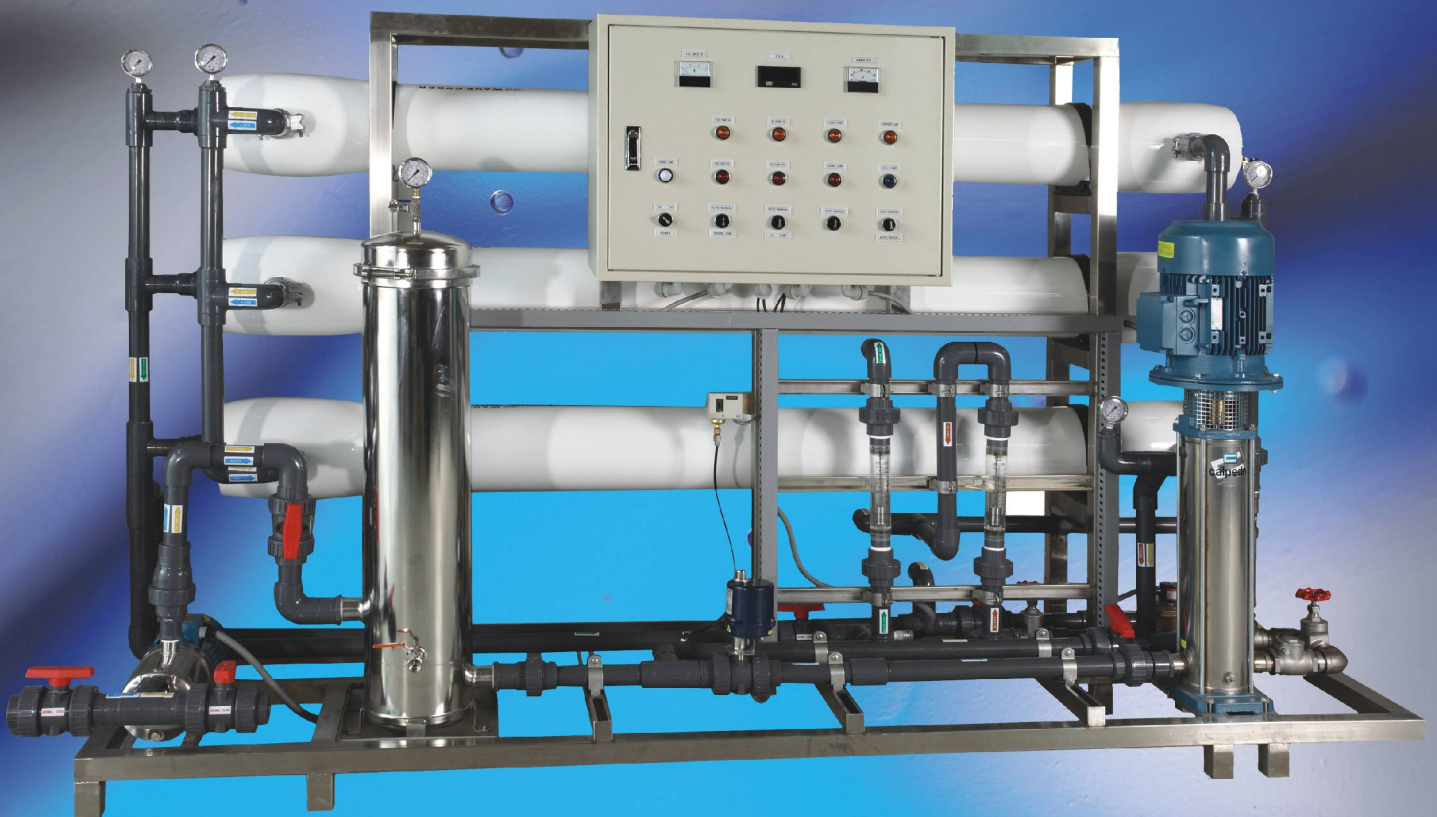
Purification filter
for laboratory
and industrial using



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60000GPD Industrial RO System

Purification filter
for laboratory
and industrial using



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AUTOMATIC SAND FILTER

**REMOVES SAND, SCALES,
MUD, PARTICLES**

Sand filters use relatively coarse sand and other granular media to remove particles and impurities that have been trapped in a floc through the use of flocculation chemicals - typically salts of Aluminium or Iron. Water and flocculant flows through the filter medium under gravity or under pumped pressure and the flocculated material is trapped in the sand matrix.

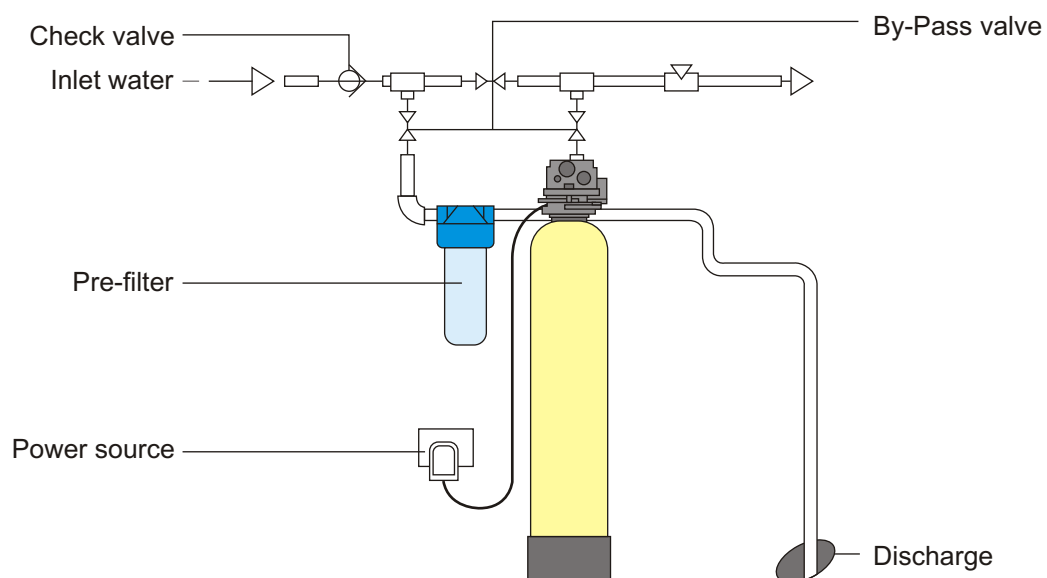
The filter controller allows automatically backwash by timer, which can avoid from any human mistakes from manually cleaning.

Note:

The use of chemicals and oxidizers, such as chlorine, potassium permanganate and oxygen may be required for both systems to provide the optimal treatment for Iron, Hydrogen Sulfide and Manganese.



Installation



Specification

Part Number	Volume	Flow Rate	Turbidity	Controller	Thread	Dimension
YS-1035	30 Liters	27 GPM	NTU < 5	Timer	1"	10" x 35"
YS-1054	50 Liters	27 GPM	NTU < 5	Timer	1"	10" x 54"
YS-1354	80 Liters	27 GPM	NTU < 10	Timer	1"	13" x 54"
YS-1465	100 Liters	27 GPM	NTU < 10	Timer	1"	14" x 65"
YS-1665	120 Liters	27-50 GPM	NTU < 10	Timer	1"-1&1/2"	16" x 65"

Your dedicated value leader for high quality water treatment equipment and supplies.

STAINLESS STEEL PRESSURE VESSEL MEMBRANE HOUSING

MODEL INFORMATION

Model	A(mm)	B(mm)	C(mm)	D(mm)	I(NPT)	D(NPT)
4021-12	597	127	183	105.6	1/2"	1/2"
4040-12	1063	127	183	105.6	1/2"	1/2"
4040-34	1063	127	183	105.6	3/4"	1/2"
2521-38	581	83	128	66.5	3/8"	1/4"
2540-38	1064	83	128	66.5	3/8"	1/4"

Component	Material
Housing	304 SS / 316 SS
End cap	PA66+30% GF (plastic) / SS
O-ring	EPDM
Clip	304 SS

FEATURES & BENEFITS

- Improves sterilization and maintenance for hygienically clean surfaces required with food, drug, beverage and chemical equipment
- Fine finished stainless steel exterior offers optimal corrosion resistance for extra long life
- Fits all standard membrane elements
- Standard high grade O-rings and END Caps offered
- High pressure vessel system
- Available in Electro polishing or 316 stainless steel

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PUREPRO Membranes

— Product Information

PUREPRO reverse osmosis membrane elements for home drinking water are the industry's most reliable. Advanced membrane technology and automated fabrication allow these elements to deliver consistent performance that equipment suppliers, water treatment dealers and residential customers can rely on. A thin film composite (TFC) high quality membrane that processes 50 gallons per day. It remove the following hard water contaminants that may be present in your water: lead, cooper, barium, chromium, mercury, sodium, cadmium, fluoride, nitrite, nitrate, and selenium.

PUREPRO home drinking water elements are rated at 50 psi and will purify about 20% more water than competitive elements rated at 60 psi (please see reference charts on back for more information).

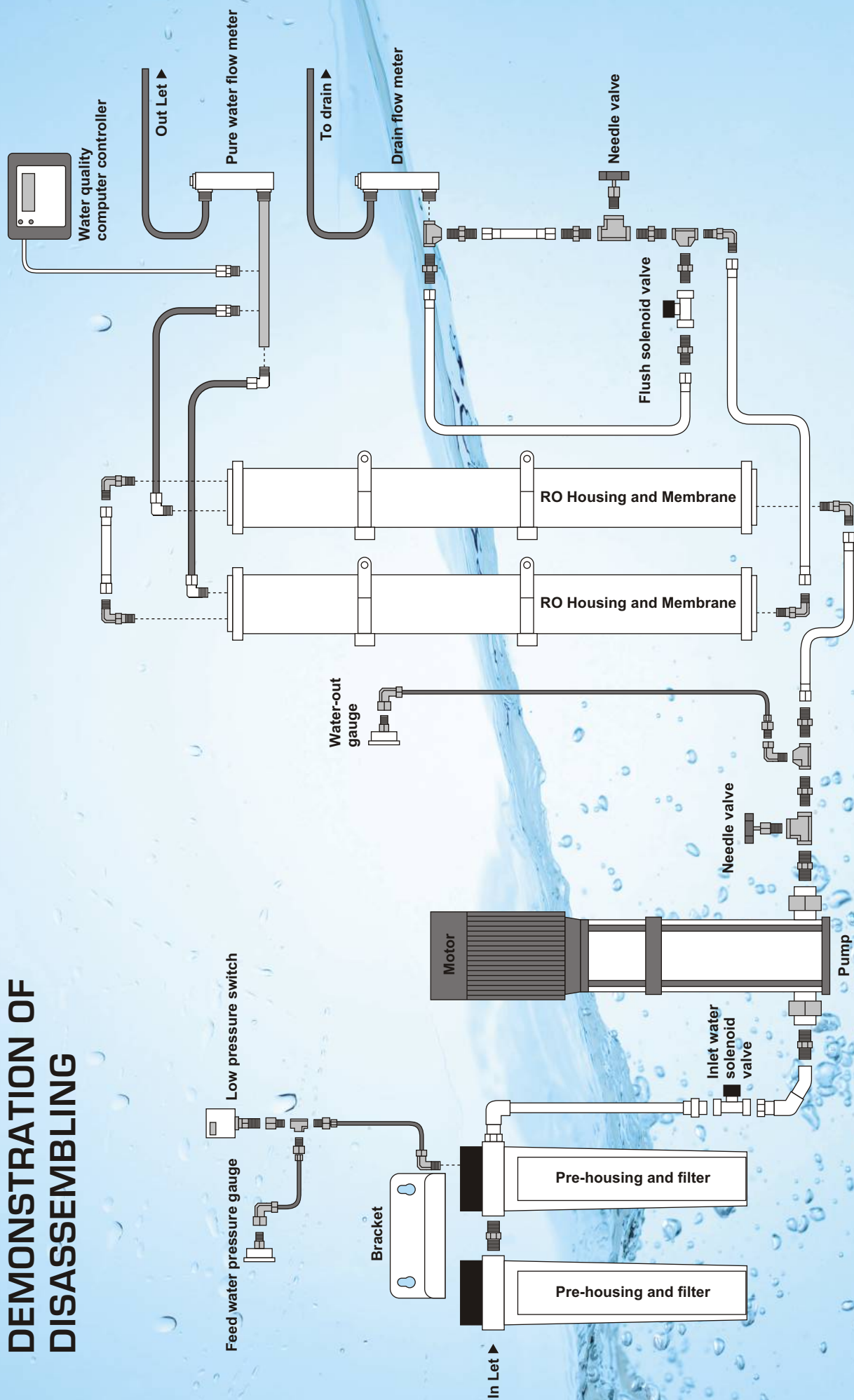


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— Operating Limits

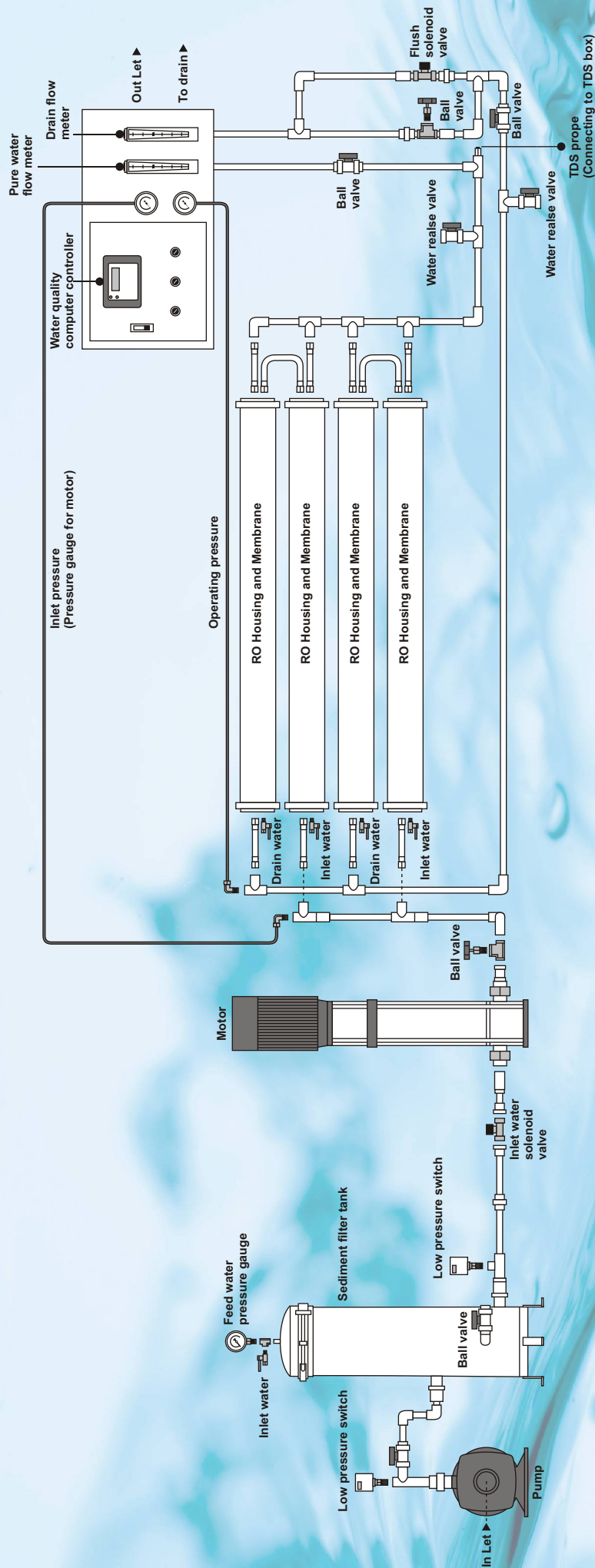
Membrane Type	Polyamide Thin-Film Composite
Maximum Operating Temperature	113°F (45°C)
Maximum Operating Pressure	300 psig (21 bar)
Maximum Feed Flow Rate	2.0 gpm (7.6 lpm)
pH Range, Continuous Operation ^a	2-11
pH Range, Short-Term Cleaning (30 min.) ^b	1-12
Maximum Feed Silt Density Index (SDI)	SDI 5
Free Chlorine Tolerance ^c	<0.1 ppm

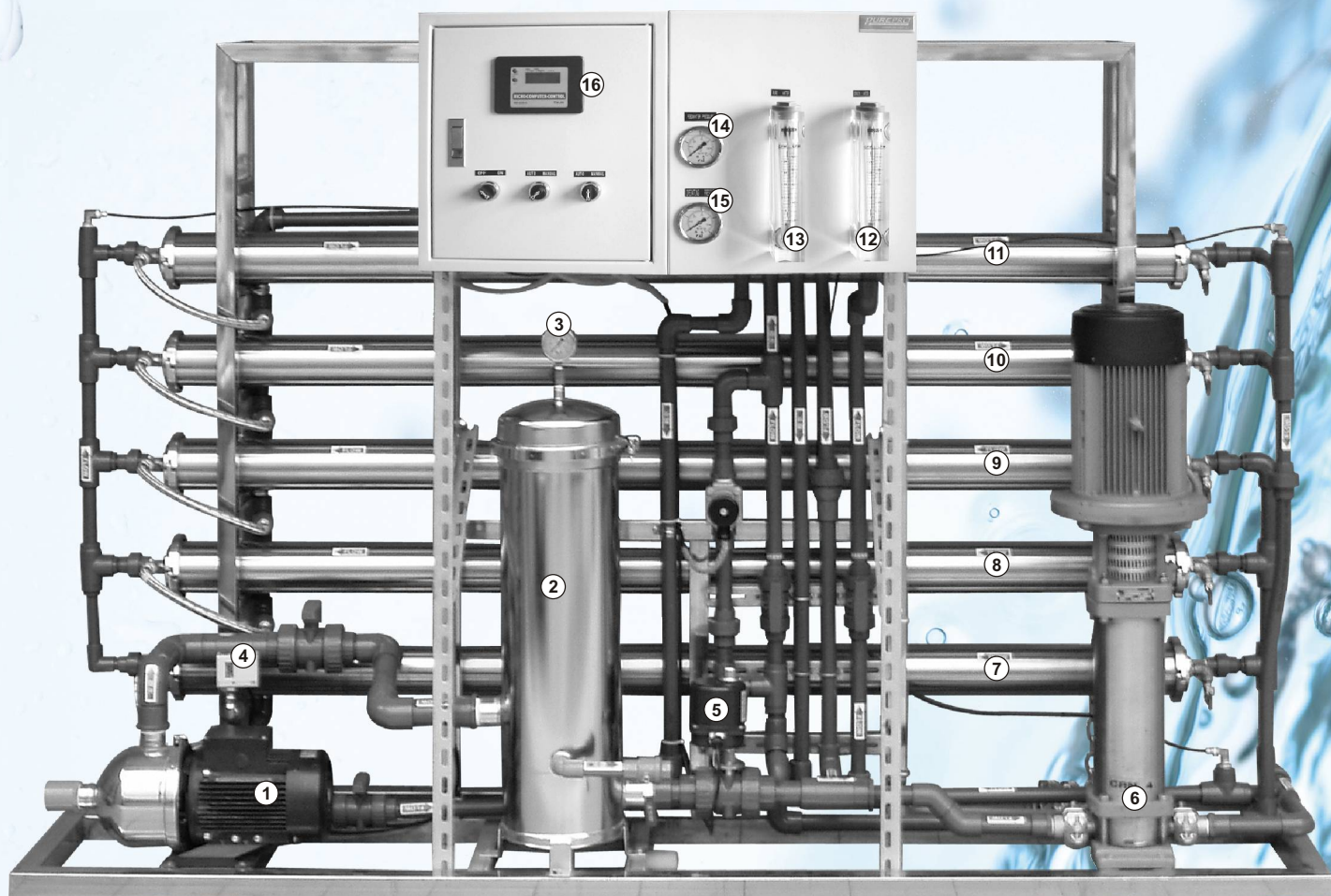
RO3000 DEMONSTRATION OF DISASSEMBLING



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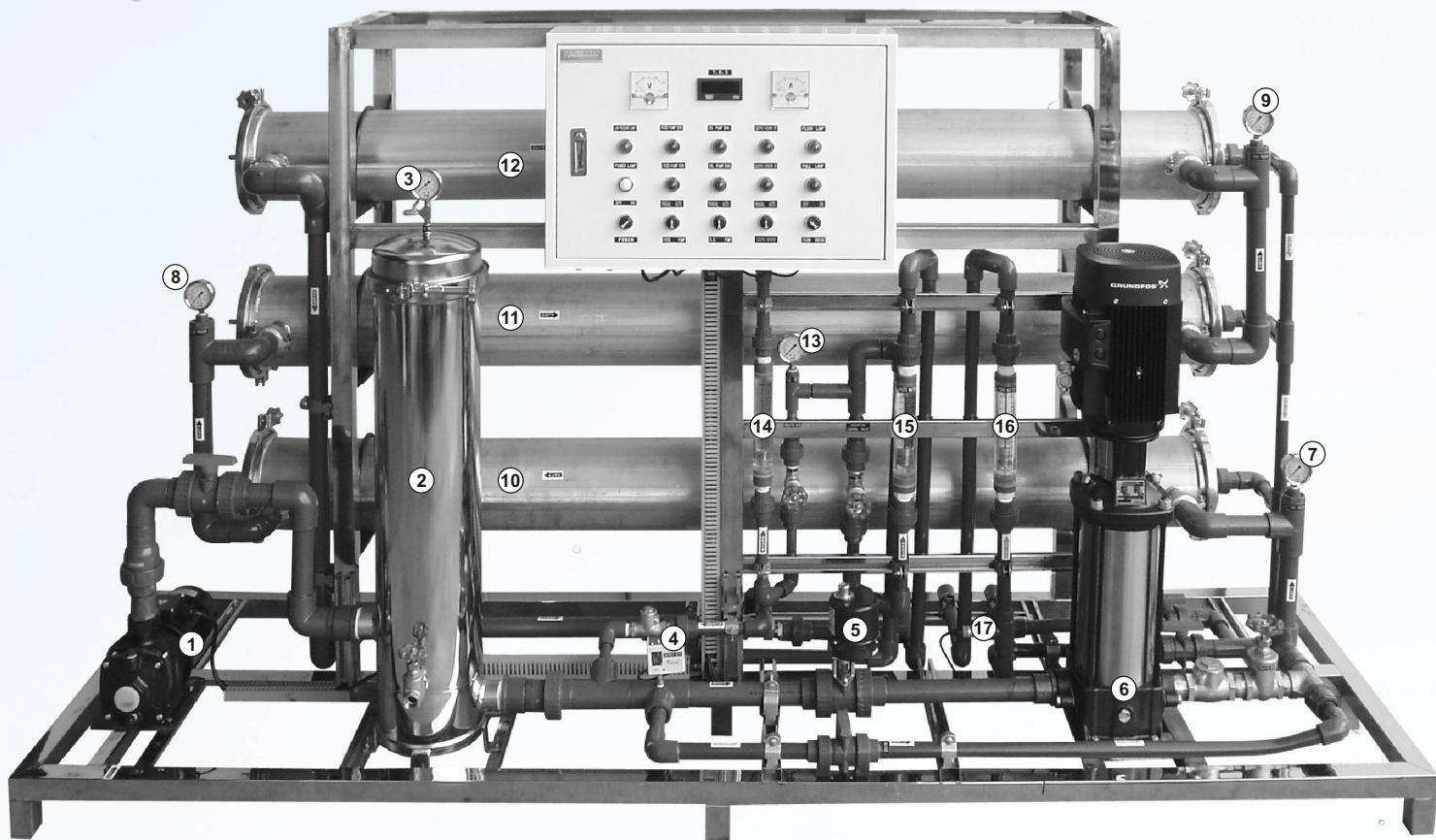
RO12000 DEMONSTRATION OF DISASSEMBLING





RO15000 KIT

Item	Parts	Specification
01	Pump for inletwater	4 HP
02	Sediment filtration tank	TK7-20
03	Feed water gauge	10KG
04	Feed water pressure switch	HS-506
05	Feed water Electricvalve	OM1-1 1/2"
06	Main pump	CR10-12
07	1st. RO membranehousing	SUS#316-8040
08	2nd. RO membranehousing	SUS#316-8040
09	3rd. RO membranehousing	SUS#316-8040
10	4th. RO membranehousing	SUS#316-8040
11	5th. RO membranehousing	SUS#316-8040
12	Drainage flow meter	30GPD
13	Pure water flowmeter	30GPD
14	Inlet water pressuregauge	25KG
15	Pressure control gauge	25KG
16	Water qualitycomputer controller	LED



R036000 KIT

Item	Parts	Specification
01	Pump for inletwater	7.5 HP
02	Sediment filtration tank	TK7-30
03	Feed water gauge	10KG
04	Feed water pressure switch	HS-506
05	Feed water Electricvalve	OM1-1 1/2"
06	Main pump	CR10-12
07	1st. RO membranehousing pressure gauge	25KG
08	2nd. RO membranehousing pressure gauge	25KG
09	3rd. RO membranehousing pressure gauge	25KG
10	1st. RO membranehousing	SUS#316-8080
11	2nd. RO membranehousing	SUS#316-8080
12	3rd. RO membranehousing	SUS#316-8080
13	Operation pressure gauge	25KG
14	Recycled water flow meter	10GPD
15	Drainage meter	30GPD
16	Pure water flow meter	30GPD
17	Pure water TDS meter	W32D

PUREPRO INDUSTRIAL RO SYSTEMS

purepro products you can always count on number one
source for quality filters & components

Specification					
Part Number	RO1500	RO3000	RO4500	RO6000	RO9000
Capacity	1500 GPD	3000 GPD	4500 GPD	6000 GPD	9000 GPD
Working Pressure	150-250 PSI				
Booster Pump	0.75KW(1HP) PROCON 2507	1.5KW(2HP) Vertical Type Multistage Booster Pump	2.2KW(3HP) Vertical Type Multistage Booster Pump	2.2KW(3HP) Vertical Type Multistage Booster Pump	3.0KW(4HP) Vertical Type Multistage Booster Pump
Membrane Material	T.F.C with FRP outer wrap				
Membrane Size x Unit	4040 x 1	4040 x 2	4040 x 3	4040 x 4	4040 x 6
Membrane Housing Material	304 stainless steel with caps				
Membrane Housing	4040 x 1	4040 x 2	4040 x 3	4040 x 4	4080 x 3
Flow Meters	Purewater / Wastewater				
Pressure Gauges	Feed water pressure / Booster pump outlet pressure gauges				
Water quality indicator	TDS meter with LCD				
Electrical Controls	Micro-computer control, overload breakers, LED indicators				
Frames Parts	Stainless steel main frame				
Dimensions (cm)	50L x 43W x 120H		50L x 49W x 120H		73L x 250W x 150H
Weight	≒55kg	≒80kg	≒100kg	≒120kg	≒300kg
Optional Components	Work Flow Process Control Panel				
Pre-Filtration	2 x 20" Filter Housing (20" PP Cartridges 5u)				TK207 (20" PP Cartridges 5u x 7)
※ Feed Water Requirements:					
Feed Water Pressure >40PSI		Feed Water Temp. : 20~45°C		Feed Water TDS <1000PPM	
SDI < 3		Turbidity < 1NTU		Iron < 0.1PPM	
PH : 3~11		Oxidizer < 0 PPM		Hardness < 5PPM	

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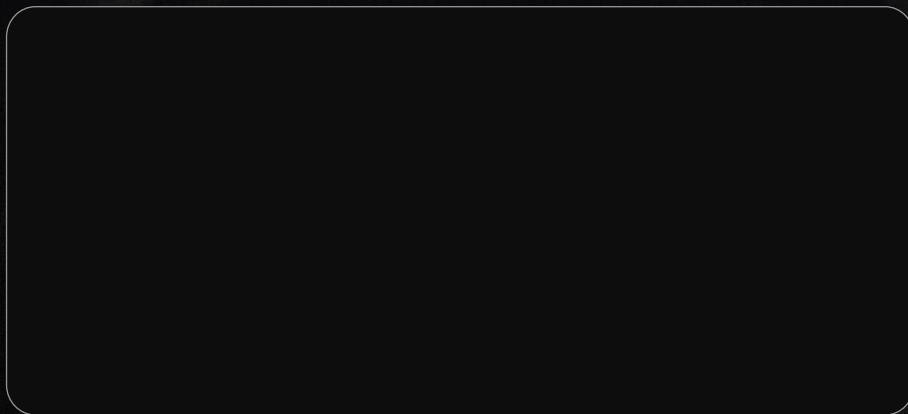
Specification					
Part Number	RO12000	RO15000	RO24000	RO36000	RO48000
Capacity	12000 GPD	15000 GPD	24000 GPD	36000 GPD	48000 GPD
Working Pressure	150-350 PSI				
Booster Pump	3.0KW(4HP) Vertical Type Multistage Booster Pump	3.0KW(4HP) Vertical Type Multistage Booster Pump	4.0KW(5.5HP) Vertical Type Multistage Booster Pump	5.5KW(7.5HP) Vertical Type Multistage Booster Pump MAIN PUMP GRUNDFOS	7.5KW(10HP) Vertical Type Multistage Booster Pump MAIN PUMP GRUNDFOS
Membrane Material	T.F.C with FRP outer wrap				
Membrane Size x Unit	4040 x 8	4040 x 10	8040 x 4	8040 x 6	8040 x 8
Membrane Housing Material	304 stainless steel with caps		FRP		
Membrane Housing	4080 x 4	4080 x 5	8080 x 2	8080 x 3	8080 x 4
Flow Meters	Purewater / Wastewater				
Pressure Gauges	Feed water pressure / Booster pump outlet pressure gauges				
Water quality indicator	TDS meter with LCD				
Electrical Controls	Micro-computer control, overload breakers, LED indicators		Micro-computer control, overload breakers, PLC indicators		
Frames Parts	Stainless steel main frame				
Dimensions (cm)	73L x 250W x 150H			90L x 316W x 150H	
Weight	≒360kg	≒390kg	≒450kg	≒520kg	≒590kg
Optional Components	Work Flow Process Control Panel				
Pre-Filtration	TK207 (20" PP Cartridges 5u x 7)			TK307 (30" PP Cartridges 5u x 7)	
※ Feed Water Requirements:					
Feed Water Pressure >40PSI		Feed Water Temp. : 20~45°C		Feed Water TDS <1000PPM	
SDI < 3		Turbidity < 1NTU		Iron < 0.1PPM	
PH : 3~11		Oxidizer < 0 PPM		Hardness < 5PPM	

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Reverse Osmosis Pure Water Systems
Quality water for quality life....

PUREPRO

PUREPRO
DRINKING WATER SYSTEM



MEMBER



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