



A World of Water Solutions

Introduction	03
Industrial RO Systems	04
FRP Tanks	08
Media for Filtration and Softening	09
Chemicals	11
Automatic and Manual Valves	12
Membranes	14
Pressure Vessels	15
Pumps	16
Dosing Pumps	18
Filter Housing	21
Ball Valves / Bag Filters	24
RO Accessories	25
Ozone Generator	28
UV Sterilizer	29
Tanks	30
Softeners	32
Domestic RO Systems	33
Domestic Membranes	36
Domestic Pumps	37
Commercial RO Systems	38
Cartridges	39
Membrane Housing	42
Shower Filters	43
Fittings	44



Providing pioneering Solutions for Water Purification for over two decades.

KONTEC Trading Co. LLC is a company specialized in providing, manufacturing and installing Water Treatment Equipment with 29 years of market presence. Founded in the year 1990 in Baghdad, Iraq we have established a strong presence in the United Arab Emirates with our branch in Dubai.

OUR PRODUCT RANGE INCLUDES

- Filtration and purification equipments
- Metering equipment including diaphragm pumps, inline water quality monitors & controllers
- Under sink RO
- Water Treatment Chemicals
- Multimedia & Sand Filters
- Water Softeners
- Check Valves
- Dosing Pumps
- Membranes
- Chemical Dosing Tanks

We offer the unique advantage of supplying and installing the complete line of equipment needed for producing healthy drinking water, for both domestic and commercial purposes.

TECHNOLOGY FOR GREATER GOOD

At Kontec we keep abreast of the latest developments and new technologies. We use our experience, technical know-how and innovation driven approach to create solutions for more ecofriendly and cost-effective solutions.

GLOBAL SOLUTIONS ACROSS INDUSTRIES

Over the years we have established a strong business relationship with Water Stores, Restaurants, Industrial Food Processing Plants, Bottled Water Plants, Medical Laboratories, Dental and Medical Clinics, Hem Dialysis Laboratories, Electronic Companies, Textile Companies, Government Municipalities (Municipal Water) etc., both in the local and international market. Our clients and their projects are located across countries like Saudi Arabia, Kuwait, Qatar, Bahrain, Oman, Jordan, Sudan, Libya, Ethiopia, Iraq, Egypt, Azerbaijan and many more.

OUR PARTNERS

We partner with varied specialist brands and offer end to end solutions for water treatments and purification. Our team has the technical expertise and knowledge required to create tailor-made solutions for your varied needs.





RO SYSTEM 800 GPD

- Flow Rate: 3 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: CSM (4021 x 1 pcs)
- RO Pressure Vessel: SUS (4021 x 1 pcs)
- High Pressure Motor: 1/2 HP
- Procon Pump
- Pre-filter 5 micron PP 20"
- Conductivity-ppm
- Pure water Flow Meter and drain Flow Meter
- Automatic Control & RO Standard Operation Controller



RO SYSTEM 1500 GPD

- Flow Rate: 5.6 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (4040 x 1 pc)
- RO Pressure Vessel: (4040 x 1 pcs)
- High Pressure Pump: 1.5 kW
- Pre-Filter 5 micron PP 20"
- TDS or Conductivity: ppm, automatic control
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH40, SS 316
- Low pressure Pipe SCH40 UPVC



RO SYSTEM 3,000 GPD

- Flow Rate: 12 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (4040 x 2 pcs)
- RO Pressure Vessel: (4040 x 2 pcs)
- High Pressure Pump: 1.5 kW
- Pre-Filter 5 micron PP 20"
- TDS or Conductivity: ppm, automatic control
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH40, SS 316
- Low pressure Pipe SCH40 UPVC



RO SYSTEM 4,500 GPD

- Flow Rate: 18 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (4040 x 3 pcs)
- RO Pressure Vessel: (4040 x 3 pcs)
- High Pressure Pump: 2.2 kW
- Pre-Filter 5 micron PP 20"
- TDS or Conductivity: ppm, automatic control
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC



RO SYSTEM 6,000 GPD

- Flow Rate: 22.7 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (8040 x 1 pc) or (4040 x 4 pcs)
- RO Pressure Vessel: (8040 x 1 pcs) or (4040 x 4 pcs)
- High Pressure Pump: 3 kW
- TDS or Conductivity: ppm, automatic control
- Pure water Flow Meter and drain Flow Meter
- Pre-Filter 5 micron PP 20" x 2 Big Jumbo
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC



RO SYSTEM 12,000 GPD

- Flow Rate: 45.4 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (8040 x 2 pcs)
- RO Pressure Vessel: (8040 x 2 pcs)
- High-Pressure Pump: 4 kW
- Pre-Filter 5 micron PP 20" x 2 Jumbo
- TDS or Conductivity: ppm, automatic control
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 15,000 GPD

- Flow Rate: 56.7 m³/day at 25 °C
- Rejection: 96-99%
- RO Membrane: (8040 × 3 pcs)
- RO Pressure Vessel: FRP (8040 - 1 element × 3 pcs)
- High pressure Pump: 4 kW
- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 30" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 20,000 GPD

- Flow Rate: 75 m³/day at 25 °C
- Rejection: 96-99%
- RO Membrane: (8040 × 4 pcs)
- RO Pressure Vessel: FRP (2 element × 2 pcs)
- High Pressure Pump: 7.5 kW
- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 30" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 25,000 GPD

- Flow Rate: 94 m³/day at 25 °C
- Rejection 96-99%
- RO Membrane: (8040 × 4 pcs)
- RO Pressure Vessel: FRP (2 element × 2 pcs)
- High Pressure Pump: 7.5 kW
- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 30" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 30,000 GPD

- Flow Rate: 113 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (8040 × 6 pcs)
- RO Pressure Vessel: FRP (3 element × 2 pcs)
- High pressure Pump: 7.5 kW
- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 40" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 60,000 GPD

- Flow Rate: 227 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (8040 × 12 pcs)
- RO Pressure Vessel: FRP (6 element × 2 pcs)
- High pressure Pump: 18.5 kW

- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 40" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC

RO SYSTEM 120,000 GPD

- Flow rate: 454.2 m³/day at 25°C
- Rejection: 96-99%
- RO Membrane: (8040 × 25 pcs)
- RO pressure Vessel: FRP (5 element × 5 pcs)
- High pressure Pump: 22 kW

- TDS or Conductivity: ppm, automatic control
- Pre-Filter 5 micron PP 40" × 2.5" UPVC Housing
- Pure water Flow Meter and drain Flow Meter
- High pressure Pipe SCH. 40, SS 316
- Low pressure Pipe SCH. 40 UPVC



Dimensions		Top Opening (inches)	Bottom Opening (inches)	Capacity (CUFT)	Flow Rate (m³/h)
(inches)	(mm)				
08 x 18	450 x 200	2.5	NA	0.52	0.1 - 0.3
08 x 35	200 x 890	2.5	NA	1.02	0.2 - 0.4
08 x 44	200 x 1100	2.5	NA	1.28	0.2 - 0.5
10 x 35	250 x 890	2.5	NA	1.59	0.4 - 0.8
10 x 54	250 x 1370	2.5	NA	2.45	0.5 - 1.2
12 x 54	300 x 1370	2.5	NA	3.53	1.0 - 2.0
12 x 65	300 x 1650	2.5	NA	4.25	1.5 - 2.5
13 x 54	330 x 1370	2.5	NA	4.15	1.8 - 2.5
14 x 65	350 x 1650	2.5	NA	5.79	2.0 - 3.0
16 x 65	400 x 1650	2.5	NA	7.56	2.5 - 4.5
18 x 65	450 x 1650	4	NA	9.57	4.5 - 5.0
21 x 69	530 x 1750	4	4	13.82	5.0 - 7.5
24 x 72	600 x 1850	4	4	18.84	8.0 - 10.5
24 x 87	600 x 2200	4	4	22.77	10.0 - 12.5
30 x 72	750 x 1850	4	4	29.44	14.0 - 16.0
30 x 88	750 x 2200	4	4	35.57	17.0 - 19.5
36 x 72	900 x 1850	4	4	42.39	21.0 - 23.5
36 x 88	900 x 2200	4	4	51.22	26.0 - 28.0
40 x 72	1000 x 1850	4	4	52.33	28.5 - 29.5
48 x 72	1200 x 2200	6	6	75.36	40.0 - 42.0
60 x 94	1500 x 2400	6	6	153.73	75.0 - 85.0

ACTIVATED CARBON



- Iodine number: Min 850 mg/g
- Moisture content: Max 5%
- Total ash content: Max 10%
- Wettability: Min 95%
- Hardness: Min 95%
- Mesh size: 6x12

CLACK ANTHRACITE



- Sediment removal
- Bulk Density: 50 lbs /cu. ft.
- Hardness: 3.0-3.8 (Mohs scale)
- Acid Solubility: <1%
- Caustic Solubility: <1%

CLACK BIRM-A8006



- Iron removal
- Bulk Density: 40-45 lbs / cu. ft
- Mesh Size: 10 x 40
- Specific Gravity: 2.0 gm/cc

DOWEX™ HCR-S/S



- High Capacity Cation Exchange Resin
- Hardness removal
- Packaging: 25 litre
- Ionic form: Na+ form

FILTER-AG



- Sediment reduction
- Bulk Density: 24-26 lbs /cu. ft
- Specific Gravity: 2.25 gm/cc
- Mesh Size: 12 x 30
- Effective Size: 0.67 mm

FILTER-AG PLUS



- Sediment reduction
- Service rates result
- Specific Gravity: 2.2 gm/cc
- Mesh Size: 14 x 30
- Specific Gravity: 2.2 gm/cc

WATER SOFTENER SALT TABLETS



- Round tablets
- % NaCl: >99.8%
- Density: 1100 kg/m³
- Food grade type

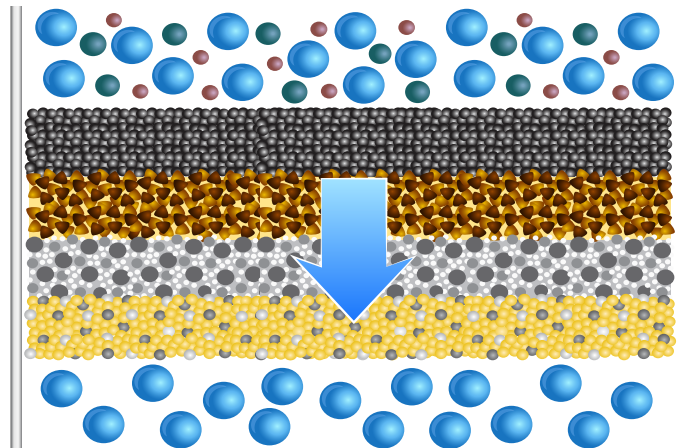
GRAVEL & SAND



- Round tablets % of SiO₂: >99.0±1%
- Bulk Density: >1.5kg/kg/dm³
- Specific gravity: >2.6 kg/dm³

ADVANTAGES OF USING ACTIVATED CHARCOAL FOR FILTRATION

- Makes water healthier**
Activated charcoal can add important minerals, such as calcium, magnesium and iron back into your water to improve the water quality.
- Improves the flavor**
Charcoal filters not only adsorb nasty tasting chemicals, but they are also highly effective at removing odours as well, making your drinking water much more palatable.
- More cost effective option**
Charcoal filters, are relatively inexpensive to produce and maintain.



ANTISCALANTS



SOKALAN RO-100

- Inhibits RO membrane scaling caused by:
 - Calcium carbonate (CaCO₃)
 - Calcium sulphate (CaSO₄)
 - Barium sulphate (BaSO₄)
- Not affected by chlorine or other oxidizing biocides under normal conditions of use
- Packed and sealed: Germany



FLOSPERSE 1000A W20 PWG

- Excellent ability to disperse insoluble inorganic salts and soil particles
- High efficiency for binding calcium ions
- Stable under chlorine and alkaline conditions
- Low foaming properties
- FLOSPERSE dispersants are very effective inhibitors for CaCO₃, CaSO₄ and BaSO₄ scales
- Packed and sealed: France






SMBS (Sodium Metabisulfite (Na₂S₂O₅))

- Used in RO systems for free chlorine removal
- Lower risk of bacteria growth that can cause biological fouling
- pH ranging from 4.0 – 5.0 and decomposition temperature of 150°C

AUTOMATIC FILTER AND SOFTENER VALVES

Clack WS (1")	
<div>WS1TC</div> 	Service @ 15 psi drop: 27 gpm (includes meter and bypass) Backwash @ 25 psi drop: 27 gpm (includes bypass) Tank applications: Softener 10" - 21" diameter; Filter 6" - 21" diameter
<div>WS1EI</div> 	Service @ 15 psi drop: 27 gpm (includes meter and bypass) Backwash @ 25 psi drop: 27 gpm (includes bypass) Tank applications: Softener 10" - 21" diameter; Filter 6" - 21" diameter
<div>WS1TT-EI</div> 	Service @ 15 psi/1 bar drop: (27 gpm) Backwash @ 25 psi/1.7 bar drop: (15 gpm) Tank applications: Softener 16" - 30" diameter; Water Filter 10" - 16" diameter
Clack WS (1.25")	
<div>WS1.25EI</div> 	Service @ 15 psi drop: 34 gpm Backwash @ 32 psi drop: 27 gpm Tank applications: Softener 10" - 21" diameter; Filter (1) 18" - 21" diameter
Clack WS (1.5")	
<div>WS1.5EI</div> 	Service @ 15 psi drop: 60 gpm Backwash @ 25 psi drop: 52 gpm Tank applications: Softener 18" - 30" diameter; Filter (1) 12" - 30" diameter
Clack WS (2")	
<div>WS2EI</div> 	Service @ 15 psi drop: 125 gpm Backwash @ 32 psi drop: 85 gpm Tank applications: Softener 18" - 30" diameter; Filter (1) 12" - 36" diameter
Clack WS (3")	
<div>WS3</div> 	Service @ 15 psi drop: 250 gpm Backwash @ 32 psi drop: 220 gpm Tank applications: Softener 30" - 96" diameter; Filter (1) 18" - 63" diameter

MANUAL FILTER VALVES

Clack WS (3")	
	Meter Assembly <ul style="list-style-type: none"> WS1.5 Meter Assembly Male/Female V3040 WS2 Meter Assembly M/Fe-V-3094 WS3 (3") Meter Assembly Male
	Motorized Alternating <ul style="list-style-type: none"> WS2 Motorized Alternating Valve V3076 WS 1/1.25 Motorized Alternating WS (1.5") Motorized Alternating Valve V3071 BSPT WS3 Motorized Alternating
	Multiport Manual Valve for Filter <ul style="list-style-type: none"> In/Out/Drain thread size: 1" FNPT Head size: 2.5" Flow: 20 gpm Cycles: Service, Backwash, Rinse
	Manual Valve for Filter <ul style="list-style-type: none"> In/Out thread size: 2" FNPT Drain thread size: 1 1/2" FNPT Head size: 4" Flow: 44 gpm Cycles: Service, Backwash, Rinse
	Head Fittings <ul style="list-style-type: none"> Flange 6-4 Plastic



Brackish water	
Dimension	Model No.
8040	CPA3-8
4040	CPA2-4040

Seawater	
Dimension	Model No.
8040	SW C5-LD, SW C6-LD
4040	SWC5-LD 4040



Brackish water	
Dimension	Model No.
8040	LGBW400 R
4040	LG BW 4040 R

Seawater	
Dimension	Model No.
8040	LG SW 400 R
4040	LG SW 4040 R



4" Pressure Vessel			
Model No.	Maximum Operating Pressure PSI / BAR	Port Direction	Element Length
UGECO-40E30	300/20	End Port	1-3
UGECO-40E30			
UGECO-40E30			
UGECO-40E45	450/31	End Port	1-3
UGECO-40E45			
UGECO-40E45			
UGECO-40E60	600/41	End Port	1-3
UGECO-40E60			
UGECO-40E60			

8" Pressure Vessel			
Model No.	Maximum Operating Pressure PSI / BAR	Port Direction	Element Length
UGECO-80S30	300/20	Side Port	1-6
UGECO-80S30			
UGECO-80S30			
UGECO-80S30			
UGECO-80S30			
UGECO-80S45	450/31	Side Port	1-6
UGECO-80S45			
UGECO-80S45			
UGECO-80S45			
UGECO-80S45			
UGECO-80S60	600/41	Side Port	1-6
UGECO-80S60			
UGECO-80S60			
UGECO-80S60			
UGECO-80S60			



High Pressure DP					
DP Pump Model	VOLTS	Power (kW)	Flow (m³/h)	Head m.(BAR)	Frequency (Hz)
DPVSV2/20B	230V 1Phase	1.5 kW	1.2 m³/h	140 m (14 BAR)	50 Hz
DPVSV2/24B	230V 1Phase	2.2 kW	1.2 m³/h	170 m (17 BAR)	50 Hz
DPVSV4/18B	400/690 V	3 kW	3.5 m³/h	140 m (14 BAR)	50 Hz
DPVSV4/20B	400/690 V	3 kW	3.5 m³/h	160 m (16 BAR)	50 Hz
DPVSV4/22B	400/690 V	4 kW	4 m³/h	160 m (16 BAR)	50 Hz
DPVSV4/24B	400/690 V	4 kW	4 m³/h	180 m (18 BAR)	50 Hz
DPVSV6/24B	400/690 V	5.5 kW	5 m³/h	205 m (20.5 BAR)	50 Hz
DPVSV10/17B	400/690 V	7.5 kW	7 m³/h	160 m (16 BAR)	50 Hz
DPVSV10/21B	400/690 V	7.5 kW	7 m³/h	210 m (21 BAR)	50 Hz
DPVSV15/13B	400/690 V	15 kW	12 m³/h	170 m (17 BAR)	50 Hz

DPVSV Feed Pump					
DP Pump Model	VOLTS	Power (kW)	Flow (m³/h)	Head m. (BAR)	Frequency (Hz)
DPVSV15/3	400/690 V	3 kW	12 m³/h	40 m (4 BAR)	50 Hz
DPVSV10/5	230/400 V	2.2 kW	10 m³/h	45 m (4.5 BAR)	50 Hz
KPVSF25/12B	400/690 V	22 kW	25 m³/h	160 m (16 BAR)	50 Hz
KPVSF25/10B	400/690 V	18.5 kW	25 m³/h	190 m (19 BAR)	50 Hz



High Pressure Grundfos					
Grundfos Pump Model	VOLTS	Power (kW)	Flow (m³/h)	Head m. (BAR)	Frequency (Hz)
CRN1-25	230V 1Phase	1.5 kW	1.2 m³/h	140 m (14 BAR)	50 Hz
CRN1-29	230V 1Phase	2.2 kW	1.2 m³/h	170 m (17 BAR)	50 Hz
CRN3-25	400/690 V	3 kW	3.5 m³/h	140 m (14 BAR)	50 Hz
CRN3-29	400/690 V	3 kW	3.5 m³/h	160 m (16 BAR)	50 Hz
CRN5-26	400/690 V	4 kW	4 m³/h	160 m (16 BAR)	50 Hz
CRN5-29	400/690 V	4 kW	4 m³/h	180 m (18 BAR)	50 Hz
CRN5-36	400/690 V	5.5 kW	5 m³/h	205 m (20.5 BAR)	50 Hz
CRN10-18	400/690 V	7.5 kW	7 m³/h	160 m (16 BAR)	50 Hz
CRN10-22	400/690 V	7.5 kW	7 m³/h	210 m (21 BAR)	50 Hz
CRN15-14	400/690 V	15 kW	12 m³/h	170 m (17 BAR)	50 Hz

Grundfos Feed Pump					
Grundfos Pump Model	VOLTS	Power (kW)	Flow (m³/h)	Head m.(BAR)	Frequency (Hz)
CRN15-5	400/690 V	3 kW	12 m³/hr	40 m (4 BAR)	50 Hz
CRN10-5	230/400 V	2.2 kW	10 m³/hr	45 m (4.5 BAR)	50 Hz
CRN20-17	400/690 V	22 kW	25 m³/hr	160 m (16 BAR)	50 Hz
CRN20-14	400/690 V	18.5 kW	25 m³/hr	190 m (19 BAR)	50 Hz

SOLENOID DOSING PUMP PKX



- Manual Adjustment
- 5 L/HR @ 5 BAR
- PP Head
- 120 Pulse Per Minute

- Manual Adjustment
- 1 L/HR @ 5 BAR
- PP Head
- 120 Pulse Per Minute

SOLENOID DOSING PUMP DLX



- Manual Adjustment
- 5 L/HR @ 7 BAR
- PP Head
- 120 Pulse Per Minute
- Wall mounted

- Manual Adjustment
- 5 L/HR @ 7 BAR
- PP Head
- 120 Pulse Per Minute
- Foot mounted

- Manual Adjustment
- 8 L/HR @ 10 BAR
- PVDF Head
- 120 Pulse Per Minute
- Wall mounted

SOLENOID DOSING PUMP DLX



- Multifunction
- 5 L/HR @ 7 BAR / 8 L/HR @ 10 BAR
- PVDF Head
- 120 Pulse Per Minute

- RX – PH – CL Controller
- 5 L/HR @ 7 BAR / 8 L/HR @ 10 BAR
- PVDF Head
- 120 Pulse Per Minute

MOTOR DRIVEN DOSING PUMP



- 84 L/HR @ 6 BAR
- PTFE Diaphragm with FPM seal O-ring
- 120 Strokes Per Minute

PERSTALTIC DOSING PUMP



- PH and RX Control
- 1.5 L/HR @ 1.5 BAR
- 230 Vac

E-Pool TWIN DOSING PUMP



- PH and RX Control
- 1.5 L/HR @ 1.5 BAR
- 230 Vac

SOLENOID DOSING PUMP E-ONE



- Multifunction
- 4-30L/HR @ up to 20 BAR
- PVDF Head
- 300 Pulse Per Minute

- Manual
- 6 L/HR @ 7 BAR
- PVDF Head
- 300 Pulse Per Minute

DOSING E-TWIN



- E- Twin
- 6 L/HR @ 7 BAR
- PVDF Head
- 300 Pulse Per Minute

E-CONTROL I CONTROL SYSTEM



- E - ControlI – Chlorine Controller
- 2 Block Valves
- Connections for tube 10×14 mm
- Water filter with washable net cartridge 150 Microns
- Methacrylate Probe - Holder with Proximity Switch and Adjustment flow system.

- Manual sampling ETATRON E-CONTROL I
- Current Output 4 – 20 mA
- Power 100 – 250 Vac 50/60 Hz

E-SELECT B2



- Current Output 4 – 20 mA
- Power 100 – 250 Vac 50/60 Hz

STAINLESS STEEL HOUSE FILTER

Operating Temperature: 45°C
Maximum Pressure: 147 PSI -10 BAR

	5 Element House Filter			7 Element House Filter		
Length (Inches)	20	30	40	20	30	40
Flow (m³/hr)	11.5	17	22.5	16	23.8	31.7



UPVC MICRO FILTER

Operating Temperature: 45°C
Maximum Pressure: 147 PSI -10 BAR

	5 Element House Filter			9 Element House Filter		
Length (Inches)	20	30	40	20	30	40
Flow (m³/hr)	11.5	17	22.5	20.4	30.6	40.8



10 JUMBO HOUSING



10 Jumbo Housing

- Includes pressure cap release
- Thread size: 1"
- Cartridge size: 4.5" x 10"
- Color: Blue with black cap

20 JUMBO HOUSING



20 Jumbo Housing

- Includes pressure cap release
- Thread size: 1" or 1.5"
- Cartridge size: 4.5" x 20"
- Color: Blue with black cap

SLIM HOUSING



20 Slim

- Includes pressure cap release
- Thread size: 3/4" or 1/2"
- Cartridge size: 2.5" x 20"
- Color: Blue with black cap

DOUBLE 20 BIG BLUE



- Pressure gauge 7 BAR - 2pcs
- 20" Big Housing Filter - 2pcs
- 20" Sediment Filter - 1pc
- 20" Carbon Filter - 1pc

TRIPLE 20 BIG BLUE



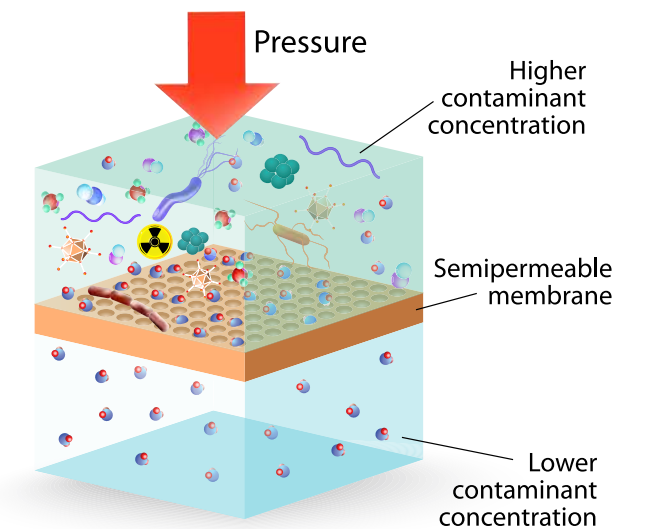
- Pressure gauge 7 BAR - 2pcs
- 20" Big Housing Filter - 3pcs
- 20" Sediment Filter - 2pcs
- 20" Carbon Filter - 1pc

10" STANDARD HOUSING WITH 1/4" NPT



WHY CHOOSE AN RO SYSTEM FOR YOUR HOME OR BUSINESS?

- Multiple applications including domestic water filtration, use in the food and beverage industry, pharma industry, and even use in medical settings such as dental offices;
- Multi-stage filtration – the semi-permeable membrane is not the only component of ro systems, reverse osmosis filters are predominantly multi-stage filters, meaning that they are made up of several pre- and post-filters that tackle several types of contaminants;
- Efficient contaminant removal - filter out nitrates, bacteria, arsenic, fluoride, pesticides, pharmaceuticals, chlorine, chloramines, and plenty of other types of contaminants and toxic substances.
- Low-maintenance system – reverse osmosis filters – and water filters in general – are low-maintenance units requiring only regular filter changes.
- Affordability – apart from saving you money on bottled water, the purchase and maintenance costs of reverse osmosis filters are also reasonable.



BALL VALVES



Valve Type	Manual				
Port Size (NPT)	1/2"	3/4"	1"	1.5"	2"
Body Material	316 Stainless Steel 2B & 3B				
Operating Pressure	40 BAR				

BAG FILTER



1 micron / 5 micron / 10 micron / 25 micron / 50 micron

Length: 20", 30", 40"

PRESSURE GAUGES



Liquid Filled Pressure Gauge

Size: 2.5" Diameter

Mount: Lower

Range: 7, 10, 25, 35, 60 BAR



Liquid Filled Pressure Gauge

Size: 2.5" Diameter

Mount: Back

Range: 7, 10, 25, 60 BAR

FLOW METERS



Normal Flowrate Range (Flow Water)	GPM	0.1~ 1	0.2~ 2	1~ 5	1~ 10	2~ 16	2~ 20	4~ 40	6~ 60	10~ 100	50~ 150
	LPM	0.5~ 4	1~ 7	2~ 18	5~ 35	4~ 60	10~ 70	15~ 150	25~ 250	50~ 350	190~ 550
Accuracy	±4%FS										
Repeatability	±0.25%FS										
Rangeability	(10:1)	(10:1)	5:1 (10:1)	(10:1)	(8:1)	(10:1)	(10:1)	(10:1)	(10:1)	(10:1)	(10:1)
Maximum Pressure	1MPa/150psi										
Maximum Temperature	80°C/176°F										
Body Material	PMMA(Lucite)										
Float Material	316L (Stainless Steel)										
Guide Rod Material	316L (Stainless Steel)										
Fastening Screw Material	H62 (Copper)										
Tube Connection Material	ABS (Non Poisonous), (Can be made of stainless steel or copper chromium)										
Upper and Lower Adapter Bearing	F46										
O Shape Sealing Ring	Silicon Rubber										

SOLENOID VALVES



Valve Type	2 Way Normally Closed				
Port Size (NPT)	1/2"	3/4"	1"	1.5"	2"
Body Material	Brass				
Operating Pressure	10 BAR				



Valve Type	2 Way Normally Open				
Port Size (NPT)	1/2"	3/4"	1"	1.5"	2"
Body Material	316 Stainless Steel				
Operating Pressure	25 BAR				



Valve Type	2 Way Normally Closed				
Port Size (NPT)	1/2"	3/4"	1"	1.5"	2"
Body Material	Plastic				
Operating Pressure	7 BAR				

pH MONITOR



PH-5520 Digital pH/ORP Controller

Range: pH: 0.00 ~ 14.00; ORP: -1000mV ~ 1000mV

Accuracy: pH: 0.1 level; ORP: <±5mV

Load Capacity: AC220V/AC110V 3A (max); DC24V 3A (max)

TDS MONITOR



Model: CCT-3320T

Power Supply: AC 220V±10% 50/60Hz ≤2.5W

Measurement Range: 2,000ppm

Accuracy: Conductivity: 1.5% FS TDS: 1.5%,

PORTABLE PEN TYPE DIGITAL pH METER



Measuring Range: 0.00-14.0pH

Accuracy: 0.1PH

Power Supply: 4x1.5V

PORTABLE PEN TYPE DIGITAL TDS METER



Range: 0 ~ 9,990 ppm

Accuracy: ± 2%

Battery: 2×LR44 Cell battery

Ozone has been used for disinfection of drinking water in the for over 100 years and is used by a large number of Water Companies, where ozone generator capacities in excess of 100 kg/h are common.



Ozone Output (gram / hour)

1

3

5

7

9

15

Ozone and ozone generators are used in various water treatment applications where a highly efficient and environment friendly treatment method is required. By using ozone, oxidation and AOP (Advanced Oxidation Process) you can efficiently reduce or completely remove contaminants, toxins and many other substances, in various applications.

Why Choose Ozone?

- Ozone is versatile and can be used for both water and air treatment.
- Safe for the environment when used with the correct ozone generator system
- Ozone is made of oxygen and reverts to pure oxygen and vanishes without a trace once it has been used.
- When ozone disinfects or breaks down harmful bacteria or pollutants, there are generally no by-products, unlike most disinfecting agents.



UV Sterilizer System is the most reliable, effective and safe water disinfection method.

The reasons are:

- UV possesses the fast reaction time.
- No chemical required and easy operation method compare with chlorination and other chemical disinfection method.

The UV disinfection technology is growing dynamically and broadly used on water, air and material surface throughout the world.



Puricom Teflon 0.5 GALLON



Kontec 0.5 Gallon



KONTEC 12 GALLONS



KONTEC 8 GALLONS



KONTEC 6 GALLONS

BRINE TANKS



Brine-Tank-Clack

Volume: 125 L

Accessories: Float set

Shape: Cylindrical

Size: 18" x 36"

Material: PE



Brine-Tank

Volume: 100 L

Accessories: Float set

Shape: Square

Size: 340 x 340 x 850mm

Material: PE

DOSING TANKS



• Volume: 60 L

• Material: PE



• Volume: 80 L

• Material: PE



• Volume: 100 L

• Material: PE



• Volume: 120 L

• Material: PE



• Volume: 200 L

• Material: PE

CABINET SOFTENER



CS16H

Model: CS16H
Removes the water hardness
Large color LCD display
Flush the water and media in tank automatically
Touch key design
Hardness Removal (Gram): 90 g/L and 160 g/L salt dosage
Tank Size: 10 x 17 and 10 x 35
Resin Quantity: 12.5 L and 25 L



CS15H

Model: CS15H
Removes the water hardness
Large color LCD display
Flush the water and media in tank automatically
Touch key design
Hardness Removal (Gram): 160 g/L salt dosage
Tank Size: 10 x 35
Resin Quantity: 25 L

PURERITEK



Quick and simple installation and maintenance!

Item	Parameter
Working Voltage	AC100V-240V-50/60hz
Capacity	75G
Tank Capacity	3.2 G
Water Temperature	5-45°C
Removal Rate	>96%
Main Configuration	6 stages
Flush Mode	Auto Flushing
Inlet Water Pressure	0.15-0.35 MPa
Low Pressure Setting	0.05 MPa
High Pressure Setting	0.25 – 0.35 MPa

- **Healthier Alternative** - Eliminates up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from water.
- **Auto Shut-Off** - Automatically shuts off water when cartridges are removed.
- **Easy Installations** - Quick connect fittings for easy installation.
- **Quality Control** - Valves are built into the heads to prevent back-flow for water quality assurance.
- **Higher Savings** - Long term savings with the reverse osmosis system eliminating the need to spend money on expensive bottled water.

6 Stages to guarantee high water quality

- Stage 1: PP sediment Filter. (10"x2.5")**
5 Micron Sediment Filter cartridge removes sediment, dirt and rust from the feed water.
- Stage 2: GAC granular carbon filters. (10"x2.5")**
To absorb the unusual smell, chlorine and chlorine by-product.
- Stage 3: CTO carbon block filter. (10"x2.5")**
To remove chlorine, organic color, odour and floating particle.
- Stage 4: TFC RO membrane TW -1812-75**
To remove salts, bacteria, virus, chemical material, and heavy material.
- Stage 5: Post Carbon filter**
To improve the taste.
- Stage 6: Mineral ball filter**
In-Line Mineral Cartridge to raise pH, enhance the flavour, and enrich water with natural minerals.



ALICE



Item	Parameter
Package Size	475x245x500 mm
Dimensions	396x208x442 mm
Voltage	AC100V-240V
Main Configuration	7 stages with UV
Frequency Range	50/60 Hz
Pure Water Flow	0.2 L/min
Temperature	5 ~ 38°C
Inlet Water Pressure	0.15~0.4 MPa

7 Stages to guarantee high water quality

- Stage 1: PP 5µm Sediment filter**
5 Micron Sediment Filter cartridge removes sediment, dirt, and rust from the feed water.
- Stage 2: GAC granular carbon filters**
To absorb odour, color, chlorine and its subsidiary substances.
- Stage 3: CTO carbon block filter**
To remove chlorine, organic color, odour and floating particles.
- Stage 4: Membrane**
To remove bacteria and viruses.
- Stage 5: Post Carbon filter**
To improve the taste.
- Stage 6: Mineral ball filter**
In-Line Mineral Cartridge to raise pH, enhance the flavour, and enrich water with natural minerals.
- Stage 7: UV**
To disinfect the water.



- Healthier Alternative** - Eliminates up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from water.
- Quality Assured** - Valves are built into the heads to prevent back-flow for water quality assurance.
- Hassle Free Installations** - Filter & Membrane Cartridges are connected and removed with a simple 1/4 turn. Quick connect fittings for easy installation.
- Economical Option** - Use of a reverse osmosis system eliminates the need to spend money on expensive bottled water.

VIP



Item	Parameter
Voltage	AC100V-240V
Max Capacity	50G
Tank Capacity	3.0 G
Temperature	5~45°C
Removal Rate	>96%
Configuration	6 stages with pump
Flush Mode	Automation
Inlet Water Pressure	0.15~0.35 MPa
Low Pressure Setting	0.05 MPa
High Pressure Setting	0.25~0.35 MPa
Auto Flush Time	30s

7 Stages to guarantee high water quality

- Stage 1: PP 5µm Sediment filter**
5 Micron Sediment Filter cartridge removes sediment, dirt, and rust from the feed water.
- Stage 2: GAC granular carbon filters**
To absorb odour, color, chlorine and its subsidiary substances.
- Stage 3: CTO carbon block filter**
To remove chlorine, organic color, odour and floating particles.
- Stage 4: Membrane**
To remove bacteria and viruses.
- Stage 5: Post Carbon filter**
To improve the taste.
- Stage 6: Mineral ball filter**
In-Line Mineral Cartridge to raise pH, enhance the flavour, and enrich water with natural minerals.
- Stage 7: UV**
To disinfect the water.

- Filters out 99% impurities and dissolved solids, including chlorine, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from water.
- Easy installations with filter & membrane cartridges being connected and removed with a simple 1/4 turn. Quick connect fittings for easy installation.
- Assurance of Water Quality with valves built into the heads to prevent back-flow.
- Automatic shut-off when cartridges are removed.
- Long term savings with the reverse osmosis system eliminating the need to spend money on expensive bottled water.
- Using a reverse osmosis system reduces the amount of plastics sent to landfills as no bottles used and hence a more cost effective and better for environment option.





COMMERCIAL REVERSE OSMOSIS SYSTEM



200 GPD

5 Stage System

- 1st Stage Sediment Filter 5 Micron 20" x 2.5"
- 2nd Stage GAC filter 20" x 2.5"
- 3rd Stage Carbon Block Filter 5 micron 20" x 2.5"
- 4th Stage 2 x 100 GPD (Thin Film Composite Membranes)
- 5th Stage Inline post Carbon Filter for Odor reduction and Taste improvement.
- High & Low Pressure Switches
- Solenoid Valve 3/8"
- Diaphragm Pumps*2
- Adapters*2
- Installation Kit
- Heavy Duty MS Powder Coated Frame



300 GPD

5 Stage System

- 1st Stage Sediment Filter 5 Micron 20" x 2.5"
- 2nd Stage GAC Filter 20" x 2.5"
- 3rd Stage Carbon Block Filter 5 Micron 20" x 2.5"
- 4th Stage 3 x 100 GPD (Thin Film Composite Membranes)
- 5th Stage In-line post Carbon Filter for Odour Reduction and Taste Improvement.
- High & Low Pressure Switches
- Solenoid Valve 3/8"
- Diaphragm Pumps x 3
- Adapters x 3
- Installation Kit
- Heavy Duty MS Powder Coated Frame



400 GPD

5 Stage System

- 1st Stage Sediment Filter 5 Micron 20" x 2.5"
- 2nd Stage GAC filter 20" x 2.5"
- 3rd Stage Carbon Block Filter 5 Micron 20" x 2.5"
- 4th Stage 4 x 100 GPD (Thin Film Composite Membranes)
- 5th Stage In-line post Carbon Filter for Odour Reduction and Taste Improvement.
- High & Low Pressure Switches
- Solenoid Valve 3/8"
- Diaphragm Pumps x 4
- Adapters x 4
- Installation Kit
- Heavy Duty MS Powder Coated Frame

DOMESTIC IN-LINE MINERAL BALLS CARTRIDGE



Compositions: Natural stone minerals

Uses: To Alkalize the water; Raise pH, Enhance the flavour, and Enrich the water with natural mineral.

DOMESTIC POST CARBON



Uses: To adsorb the odour, and adjust the taste.

ALS CARTRIDGES



PP:

5 micron

CTO:

Block activated carbon

UDF:

Granular Activated Carbon



PP

5 micron

Material: Polypropylene

Uses: To remove sediment, dirt, and rust from the feed water.

Sizes: 10" x 2.5" / 10" x 4.5" / 20" x 2.5" / 20" x 4.5" / 30" x 2.5" / 40" x 2.5"



PPY

5 micron

Material: Polypropylene Yarn

Uses: To remove sediment, dirt, and rust from the feed water.

Sizes: 10" x 4.5" / 20" x 2.5" / 20" x 4.5" / 30" x 2.5" / 40" x 2.5"



UDF

Granular Activated Carbon (GAC)

Uses: To Absorb the Chlorine, Organic Matter, Odour and Smell Turbidity.

Sizes: 10" x 2.5" / 20" x 2.5" / 20" x 4.5"



CTO

Block activated carbon

Uses: To absorb the Chlorine, Organic matter, Odour, Smell Turbidity, and Suspending particles.

Sizes: 10" x 2.5" / 20" x 2.5" / 20" x 4.5"

MEMBRANE HOUSING



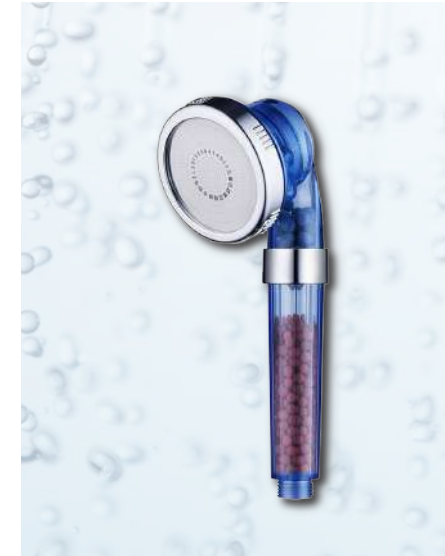
Reverse Osmosis 75GPD Plastic RO Membrane Housing

Feed, Drain and Pure Water Port Size: 1/8"

Housing and cap materials: Food Grade PE



SHOWER FILTER BLUE



- LED Lights
- Three Color Flash LED
- Hand Shower
- Germanium Stone
- Anion Stone
- Mineralization Stone

SHOWER FILTER TRANSPARENT



- LED Lights
- Three Color Flash LED
- Hand Shower
- Germanium Stone
- Anion Stone
- Mineralization Stone

SHOWER FILTER GREEN



- LED Lights
- Three Color Flash LED
- Hand Shower
- Germanium Stone
- Anion Stone
- Mineralization Stone

SHOWER FILTER WHITE



- LED Lights
- Three Color Flash Led
- Hand Shower
- Germanium Stone
- Anion Stone
- Mineralization stone

SHOWER FILTER FRAGRANCE



- Jasmine, Lavender, Lemon & Rose Fragrances
- Germanium Stone
- Anion Stone
- Mineralization Stone

PLASTIC FITTINGS



Male Elbow	
Tube O.D.	1/4, 5/16, 3/8, 1/2
MIP Thread	1/8, 1/4, 3/8, 1/2



Union Elbow Tee	
Tube O.D.	1/4, 5/16, 3/8, 1/2
MIP Thread	1/8, 1/4, 3/8, 1/2



Union Elbow	
Tube O.D.	1/8, 1/4, 3/8, 1/2
MIP Thread	1/8, 1/4, 3/8, 1/2



Male Connection	
Tube O.D.	1/8, 1/4, 5/16, 3/8, 1/2
MIP Thread	1/8, 1/4, 3/8, 1/2



Union Elbow Tee	
Tube O.D.	1/4, 5/16, 3/8, 1/2
FIP Thread	1/8, 1/4, 3/8, 1/2



Double Connection	
Tube O.D.	1/4, 3/8, 1/2, 5/16



Union Tee	
Tube O.D.	1/8, 1/4, 3/8, 1/2

PUSH-IN FITTINGS



Male Connection	
Tube O.D.	1/4, 3/8, 1/2
NPTF Thread	1/8, 1/4, 3/8, 1/2



Female Adapter	
Tube O.D.	1/4, 3/8
NPTF Thread	7/16, 1/4



Union Connector	
Tube O.D.	1/4-1/4, 3/8-1/4, 3/8-3/8, 1/2-3/8, 1/2-1/2



Male Elbow	
Tube O.D.	1/4, 3/8, 1/2
NPTF Thread	1/8, 1/4, 3/8, 1/2



Steam Elbow	
Tube O.D.	1/4-1/4, 3/8-1/4, 3/8-3/8

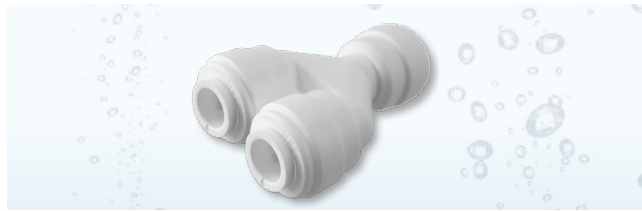


Union Tee	
Tube O.D.	1/4-1/4-1/8, 1/4-3/8-1/4, 1/2-1/2-1/2, 3/8-3/8-3/8, 3/8-1/2-3/8



Male Run Tee	
Tube O.D.	1/4, 3/8
NPTF Thread	1/4, 3/8

QUICK CONNECT PARTS



Two Way Divider

Tube O.D.	1/4 - 1/4 - 1/8, 1/4 - 3/8 - 1/4, 1/2 - 1/2 - 1/2, 3/8 - 3/8 - 3/8, 3/8 - 1/2 - 3/8
-----------	--



4-Way Shut-Off Valve

Tube O.D.	1/4
-----------	-----



Flow Control Valve

Tube O.D.	1/4 - 1/4, 3/8 - 1/4, 3/8 - 3/8
-----------	---------------------------------



Solenoid Valve
1/4" or 3/8"



Low Pressure Switch



Check Valve

Tube O.D.	1/4, 3/8
MIP Thread	1/8



Ball Valve

Tube O.D.	1/4
FIP Thread	1/4, 3/8



1/4" or 3/8" Tube



High Pressure Switch



Flow Restrictor

Description	300ml/30GPD, 350ml/35GPD, 400ml/40GPD 450ml/45GPD, 500ml/50GPD, 500ml/55GPD 800ml/80GPD
-------------	---

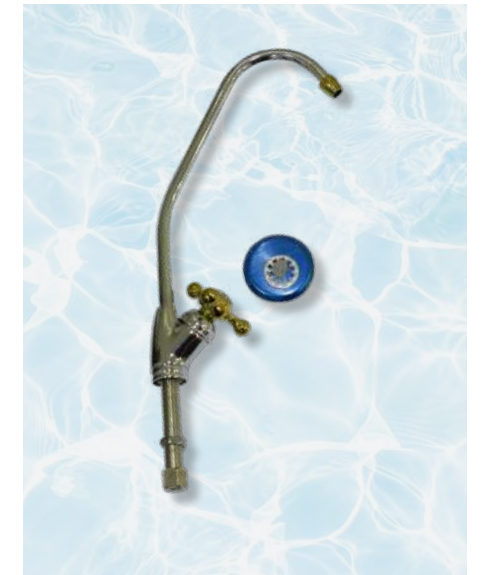
FAUCETS / BRACKETS



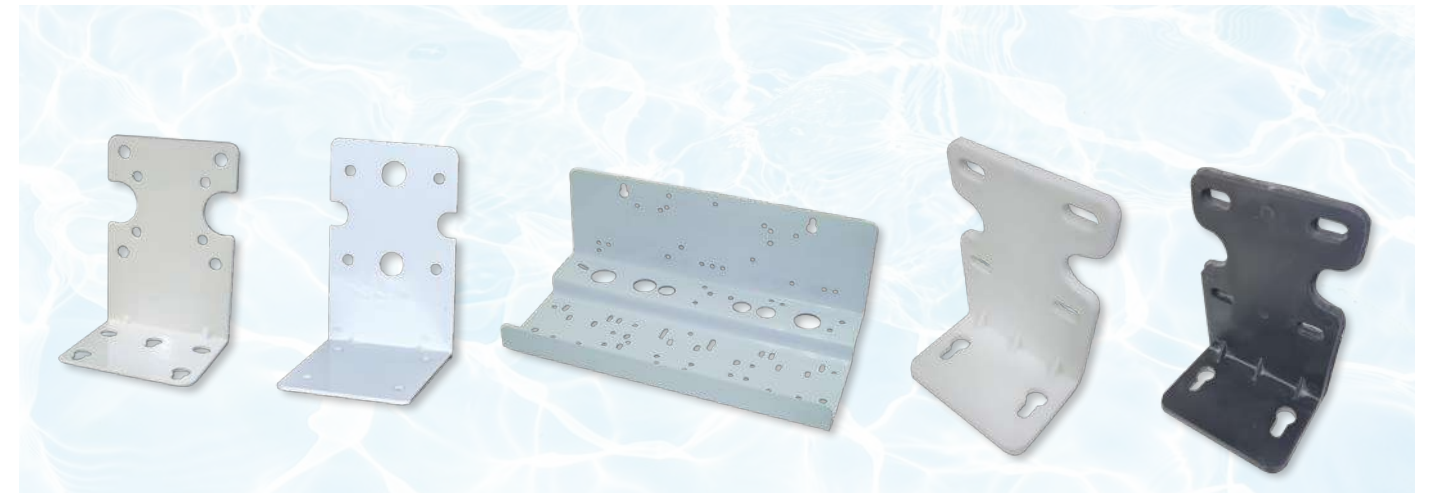
Material: SS304



Material: SS304



Material: SS304



Type	Bracket for Single Small Housing	Bracket for Single Medium Housing	Bracket for Big Blue Housing	Bracket for 2 Housings "N" Type	Bracket for 2 Housings "U" Type	Bracket for 3 Housings "N" Type	Bracket for 3 Housings "U" Type	Bracket for 5 Stage RO System
Dia (mm) WxDxH	65x100x40	80x110x65	115x175x125	235x145x100	235x145x60	360x145x55	360x145x55	350x180x145



1/4" Needle Valve



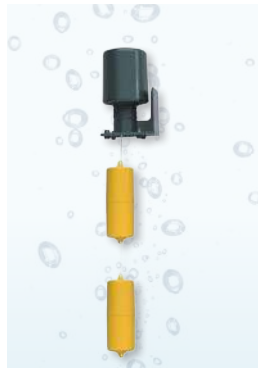
1/4" Brass Ball Valve



3/8" Brass Ball Valve



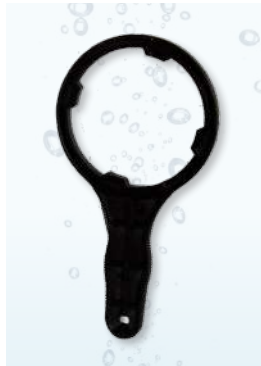
Check Valve, Stainless Steel



Floating Switch, Use for Various Capacity of Storage Tanks



Plastic Faucet Bracket



10" Standard Housing Wrench



Wrench for Big Blue Housing



4 Way Shut-Off Valve



2" Single Clamp



Double Clamp 2 1/2"



Double Clamp 2.5"



2.5" Manual Valve



4" Manual Valve

NOTE:

Head Office

Al Qusais Industrial Area I
Halab Street, Al Qusais
Dubai UAE

Telephone: **+971 55 956 4234**
eMail: **sales2@kontec.ae**

Website: www.kontec.ae

