ZenithPura

苏州新鼎汇环保科技有限公司

SUZHOU XINDINGHUI ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.

地址：江苏省苏州市相城区元和街道宣公路588号元和塘科技文化研发社区1号楼5楼550室

ADD: Room 550, 5th Floor, Building 1, Yuanhetang Science and Technology Culture R&D Community, No. 588 Xuangong Road, Yuanhe Street, Xiangcheng District, Suzhou City, Jiangsu Province

TEL: +86 13913135613　E-mail：sunny@zenithpura.com　www.zenithpura.com

Filter cartridge

Accessories for water filter





Nature Water Keman®

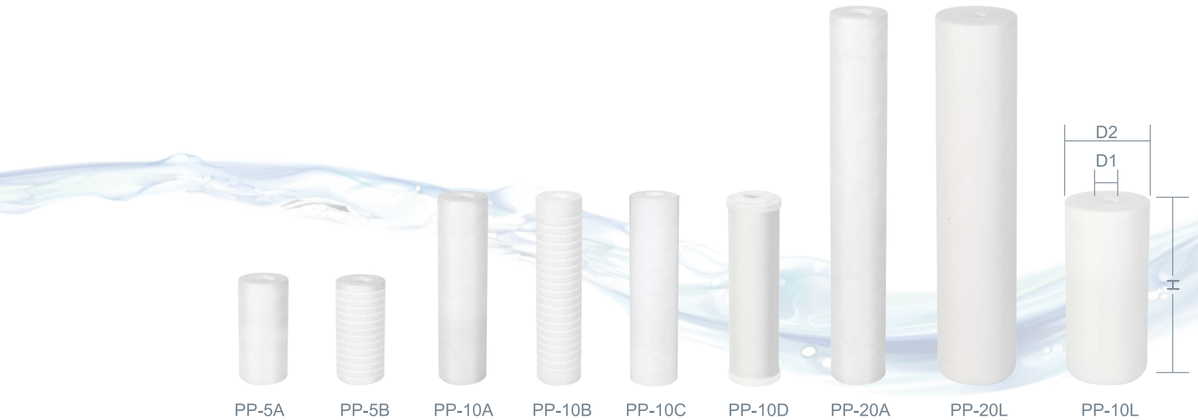
PP Filter Cartridge

- The PP filter cartridge, which is made of polypropylene, can remove the particles, impurities and dust in the water.
- This cartridge usually works as the previous cartridge to protect the behind filtration for water treatment system.
- According to the requirements, various sizes and filtration for water treatment system.
- According to the requirements, various sizes and filtration precisions are available for option Filtration precision: 1, 5, 10, micron.

Length: 5, 10, 20 inch

Out diameter: 2.2, 2.4, 2.5, 4.5inch / 55mm, 60mm, 63mm, 114mm

Inner diameter: 1.1inch / 28mm



MODEL	Filtration precision	H	Innner D1	Out D2	Packing Dimension
PP-5A	1, 5, 10 micron can be chosen	5 inch	28mm	60 / 63mm	310×310×525mm / 100pcs
PP-5B		5 inch			310×310×525mm / 100pcs
PP-10A		10 inch			615×310×525mm / 100pcs
PP-10B		10 inch			615×310×525mm / 100pcs
PP-10C		10 inch			615×310×525mm / 100pcs
PP-10D		10 inch			615×310×525mm / 100pcs
PP-20A		20 inch			615×310×525mm / 50pcs
PP-20L		20 inch		114mm	570×235×520mm / 10pcs
PP-10L		10 inch			570×235×520mm / 20pcs

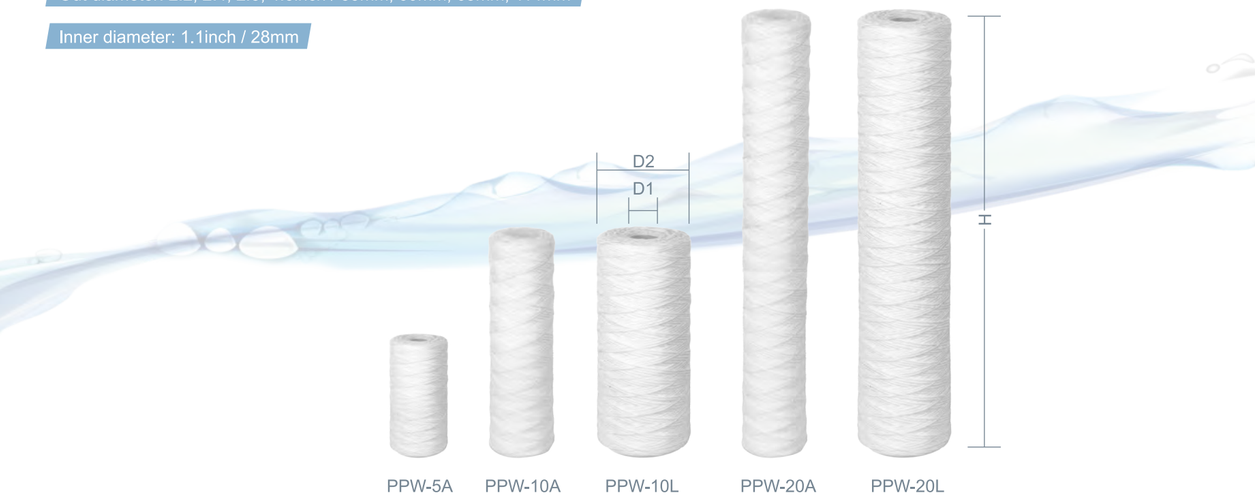
Thread Filter Cartridge

- The PPW thread filter cartridge is made of by the wire wound of poplypropylene material, The function is similar as PP cartridge, can remove the particles, impurities and dust in the water.
- This cartridge usually works as the previous cartirde to protect the behind filtration for water treatment system.
- According to the requirements, various sizes and filtration for water treatment system.
- According to the requirements, various sizes and filtration precisions are available for option Filtration precision: 1, 5, 10, micron.

Length: 5, 10, 20 inch

Out diameter: 2.2, 2.4, 2.5, 4.5inch / 55mm, 60mm, 63mm, 114mm

Inner diameter: 1.1inch / 28mm



MODEL	Filtration precision	H	Innner D1	Out D2	Packing Dimension
PPW-5A	1, 5, 10 micron can be chosen	5 inch	28mm	58/60/63mm	310×310×525mm / 100pcs
PPW-10A		10 inch		58/60/63mm	310×310×525mm / 50pcs
PPW-10L		10 inch		114mm	570×235×520mm / 20pcs
PPW-20A		20 inch		58/60/63mm	515×310×525mm / 50pcs
PPW-20L		20 inch		114mm	570×235×520mm / 10pcs

Resin Filter Cartridge

The resin filter cartridge is made of ion exchange resin and food grade cartridge housing.
It removes calcium and magnesium ions from water by exchanging them with harmless sodium ion.

KDF Filter Cartridge

The KDF filter cartridge is made up 80% coconut carbon+20% KDF.
It can remove oxidizing agents (chlorine) heavy metals hydrogen sulfide suspended solids etc.



MODEL	H	D1	D2	Packing Dimension
RS-20L / KDF-20L	20 inch	28mm	114mm	360×240×530mm / 6pcs
RS-20A / KDF-20A			71mm	370×370×530mm / 25pcs
RS-10L / KDF-10L	10 inch		114mm	360×240×530mm / 12pcs
RS-10C / KDF-10C			71mm	370×370×350mm / 25pcs
RS-10D / KDF-10D				
RS-10B / KDF-10B				

RS-10C / KDF-10C housing is blow molding , RS-10D / KDF-10D housing is injection molding.

Quick Fitting Filter Cartridge

- Newly designed filter cartridge.
- No leakage.
- Easy installation, 10 seconds for installation.
- Eco-friendly product, throw away after service life.





MODEL: QL-PP / QL-UDF / QL-PP-UDF
Port: 1/4 ”
Max.pre: 400PSI
Packing Dimension: 350×350×350mm / 25pcs



MODEL: QA-PP / QA-UDF / QA-CTO
Port: 1/4 ”
Max.pre: 400PSI
Packing Dimension: 470×360×325mm / 12pcs

In-line Filter Cartridge

- In-line filter cartridges can make better filtration efficiency and convenient installation.
- The design of 2 & 2.5 inch diameter and 10&12 inch length.
- These filter cartridges can be filled with various filter media to treat with different water treatment products.
- In-inline filter cartridges includes the follwing varieties: PP / GAC / CTO / Resin / RO / UF / T33 carbon etc filter media.

Max water flow in: 1.0G PM (3.79LPM)
In/out water port: 1/4 FNPT
Max inlet water temperature: 52°C
Max working pressure: 125psi



CSM inline
RO membrane

QF-PP
QF-CTO
QF-GAC
QF-T33
QF-UF1

QF-RO
QF-UF2

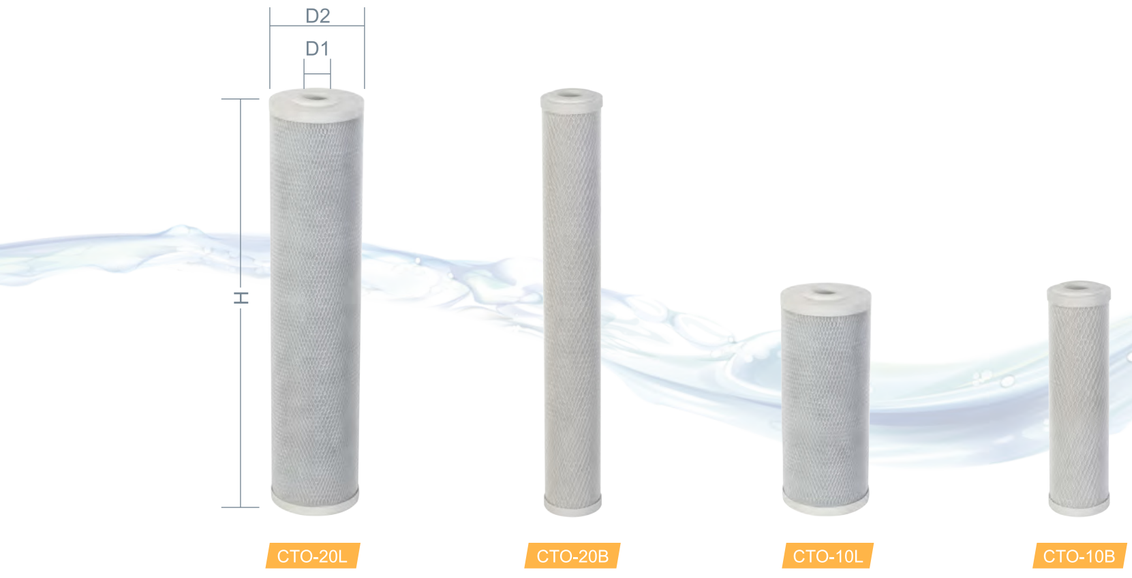
Block Carbon Filter Cartridge

- The block carbon filter cartridge is compression or sintering by high quality activated carbon.
- Usually, it can be made of the various carbon media.
- Such as: coal carbon, fruit shell carbon and coconut carbon.
- The CTO filter cartridge is suitable for the water treatment for removing the chlorine, taste, and odor.

Length: 5, 10, 20 inch

Inner diameter: 28mm

Out diameter: 2.5, 4.5 inch / 71mm, 114mm



MODEL	H	D1	D2	Packing Dimension
CTO-20L	20 inch	28mm	114mm	360×240×530mm / 6pcs
CTO-20B			71mm	370×370×530mm / 25pcs
CTO-10L	10 inch		114mm	360×240×530mm / 12pcs
CTO-10B			71mm	370×370×350mm / 25pcs

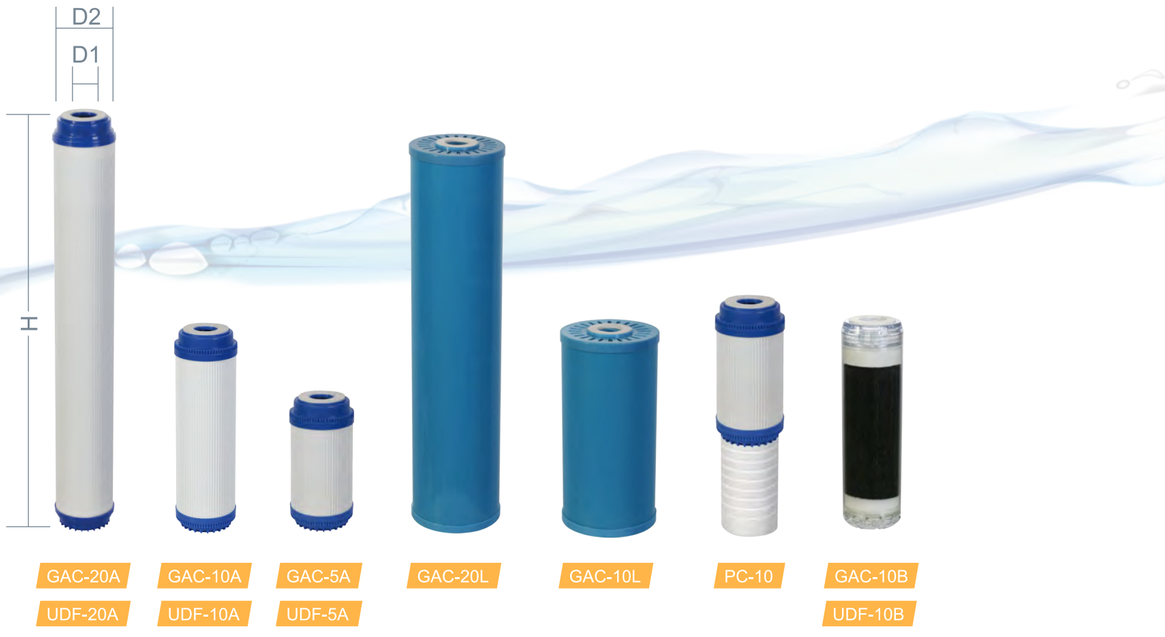
Granular Activated Carbon Filter

- The granular carbon filter cartridge is made of the granular carbon media. such as: coal carbon, fruit shell carbon and coconut carbon and the food grade housing.
- It can remove the chlorine, taste and odor from the water.
- According to the requirement, various types and sizes are available for option.

Length: 5, 10, 20 inch

Inner diameter: 28mm

Out diameter: 2.5, 4.5 inch / 71mm, 114mm



MODEL	H	D1	D2	Packing Dimension
GAC-20A / UDF-20A	20 inch	28mm	71mm	370×370×530mm / 25pcs
GAC-10A / UDF-10A	10 inch			370×370×350mm / 25pcs
GAC-5A / UDF-5A	5 inch			370×370×350mm / 50pcs
GAC-20L	20 inch		114mm	360×240×530mm / 6pcs
GAC-10L	10 inch		114mm	360×240×530mm / 12pcs
PC-10			63/71mm	370×370×350mm / 25pcs
GAC-10B / UDF-10B			71mm	370×370×350mm / 25pcs

Post Inline Carbon Filter / Mineral Filter
Nylon Filter Cartridge / Siliphos Filter Cartridge

- The post carbon filter cartridge and inline carbon filter cartridge are usually used as the last stage of the RO system.
- They are made of the granular coconut carbon which have fine effect of filtration for removing the chlorine, taste, and odor, also, these filter cartridge can be filled in with the different filter media such as PP sediment, resin according to the requirements.
- Mineral filter cartridge is installed after RO membrane usually, it adds mineral to pure water. Mineral is good to health.



T33A T33B T33C T33D ALUM-10 MB-10



ALMB-10 ALMB-10B NT-05 NT-10 SP-10

RO Membrane

- Reverse osmosis membrane is a kind of artificial semi-permeable membrane which simulates biological semi-permeable membrane and is the core component of reverse osmosis technology.
- With 0.0001 micron, It's a nanoscale filter membrane.
- Removing the particles, origanics, bacteria, some heavy metal (The filtration capacity of pesticides, hormones and few heavy metals is deficient)
- RO membrane brands for option: VONTRON, JCM, CSM, FILMETEC etc brands.
- According the waterputpit capacity , the different membrane is available as folows: 50GPD/75GPD/100GPD/200GPD/300GPD/400GPD/600GPD/800GPD



VONTRON CSM FILMTEC JCM VONTRON JCM HM-JCM600

MODEL	H	Capacity	Packing Dimension
VONTRON	10 inch	50/75/100GPD	350×350×350mm / 25pcs
		200/300/400/600/800GPD	520×520×365mm / 25pcs
JCM		50/75/100GPD	350×350×350mm / 25pcs
		200/300/400/600/800GPD	520×520×365mm / 25pcs
GSM		50/75/100GPD	350×350×350mm / 25pcs
FILMTEC		50/75/100GPD	350×350×350mm / 25pcs

Ultra filter cartridge

- The ultra filter cartridge is made up of the fabric, and the water filtration precision is less than 0.01 micron.
- It can remove the particles, organics, bacteria etc, It is easy to install and operate.
- This cartridge can be made according to your demand.
- UF filter cartridge can be used in any 10 " normal water filter housing.
- UF filter cartridge can be used in normal membrane housing

Packing Dimension:

UF-T33B : 360×360×350 mm / 25pcs

UF-10B : 535×360×285 mm / 40pcs

UF-10D : 360×360×350 mm / 25pcs



UF-T33B UF-10B UF-10D

Normal Fitting



Part-No: 4042 Thread: 1/8 PE tube: 1/4
Part-No: 4044 Thread: 1/4 PE tube: 1/4
Part-No: 4046 Thread: 3/8 PE tube: 1/4
Part-No: 4064 Thread: 1/4 PE tube: 3/8
Part-No: 4066 Thread: 3/8 PE tube: 3/8



Part-No: 7544
Thread: 1/4
PE tube: 1/4×1/4



Part-No: 6044
Thread: 1/4 PE tube: 1/4×1/4
Part-No: 6066
Thread: 3/8 PE tube: 3/8×3/8



Part-No: 1044
Thread: 1/4
PE tube: 1/4



Part-No: 702
PE tube: 1/4×1/4×1/4
Part-No: 706
PE tube: 3/8×3/8×3/8



Part-No: M22 Thread: 1/4×1/4
Part-No: M44 Thread: 1/2×1/2
Part-No: M66 Thread: 3/4×3/4
Part-No: M88 Thread: 1×1

Clamp

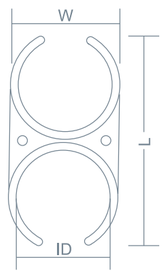


CLP-2500 2.5"
CLP-2000 2"
CLP-2520 2.5"×2"
CLP-2525 2.5"×2.5"
CLP-2020 2"×2"
CLP-2540 2.5"×4"

For 200G/300G/400G membrane housing



Item number	W	L	ID	Packing
CLP-2000	55mm	57mm	46mm	250PCS/BAG
CLP-2500	66mm	67mm	58mm	150PCS/BAG
CLP-2020	56mm	90mm	46mm	150PCS/BAG
CLP-2520	68mm	96mm	58×46mm	125PCS/BAG
CLP-2525	68mm	114mm	58mm	100PCS/BAG
CLP-3500	96mm	82mm	83mm	
CLP-3535	92mm	155mm	83mm	
CLP-3520	92mm	124mm	83×46mm	
CLP-4000	87mm	81mm	78mm	
CLP-2540	87mm	81mm	78×58mm	



Quick Fitting



Part-No: QT-01
A Tube/Thread: 1/4"
B Tube: 3/8"
B Thread: 1/4"
C Tube/Thread: 3/8"

Part-No: QT-02
A Tube: 1/4"
B Tube: 3/8"

Part-No: QT-03
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca/Cb: 3/8" Cc: 1/4"
Da: 3/8" Db/Dc: 1/4"
Ea/Ec: 3/8" Eb: 1/4"

Part-No: QT-04
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca/Cc: 3/8" Cb: 1/4"
Da: 1/4" Db/Dc: 3/8"
Ea: 3/8" Eb/Ec: 1/4"
Fa/Fb: 1/4" Fc: 3/8"

Part-No: QT-05
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca/Cc: 3/8" Cb: 1/4"
Da/Db: 1/4" Dc: 3/8"
Ea/Ec: 1/4" Eb: 3/8"
Fa/Fb: 3/8" Fc: 1/4"



Part-No: QT-06
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca/Cc: 3/8" Cb: 1/4"
Da/Db: 1/4" Dc: 3/8"
Ea: 1/4" Eb/Ec: 3/8"
Fa: 3/8" Fb/Fc: 1/4"

Part-No: QT-07
A Tube: 1/4"
A Thread: 1/8"
B Tube: 1/4"
B Thread: 1/4"

Part-No: QT-08
A Tube: 1/4"
A Thread: 1/8"
B Tube: 3/8"
B Thread: 1/4"

Part-No: QT-09
A Tube: 1/4"
B Tube: 3/8"
C Tube: 3/8" 1/4"

Part-No: QT-10
A Tube: 1/4"
A Thread: 3/8"
B Tube: 3/8"
B Thread: 3/8"
C Tube: 3/8"
C Thread: 1/2"



Part-No: QT-11
A Tube/Thread: 1/4"
B Tube: 3/8"
B Thread: 1/4"

Part-No: QT-12
Tube: 1/4"
Thread: 1/4"

Part-No: QT-13
A Tube/Stem: 1/4"
B Tube/Stem: 3/8"
C Tube: 1/4" Stem: 3/8"
D Tube: 3/8" Stem: 1/4"

With seal O ring
Part-No: QT-14
A Tube/Thread: 1/4"
B Tube: 1/4"
B Thread: 1/8"

With seal O ring
Part-No: QT-15
A Tube/Thread: 1/4"
B Tube: 1/4" Thread: 3/8"
C Tube: 1/4" Thread: 1/2"
D Tube: 3/8" Thread: 1/4"
E Tube/Thread: 3/8"
F Tube: 3/8" Thread: 1/2"
G Tube: 1/4" Thread: 7/16-24"
H Tube: 1/4" Thread: 1/8"



Part-No: QT-16
A Tube: 1/4"
A Thread: Φ16.5mm
B Tube: 3/8"
B Thread: Φ20mm
C Tube: 1/4" Tube: 3/8"
C Thread: Φ20mm

Part-No: QT-06
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca: 3/8" Cb/Cc: 1/4"
Da: 1/4" Db/Dc: 3/8"

Part-No: QT-18
A Tube: 1/4"
B Tube: 3/8"
C Tube: 1/4" Tube: 3/8"

Part-No: QT-19
A Tube/Thread: 1/4"
B Tube: 3/8"
B Thread: 1/4"

Part-No: QT-20
Tube 1/4"
Thread: 1/8"

Quick Fitting



Part-No: QT-21
A Tube: 1/4"
A Thread: 3/8"
B Tube: 3/8"
B Thread: 3/8"

Part-No: QT-22
A Tube: 1/4"
A Thread: 1/2"
B Tube: 3/8"
B Thread: 1/2"

Part-No: QT-23
Aa/Ab/Ac: 1/4"
Ba/Bb/Bc: 3/8"
Ca/Cb: 1/4" Cc: 3/8"
Da/Dc: 1/4" Db: 3/8"
Ea/Ec: 3/8" Eb: 1/4"
Fa: 3/8" Fb/Fc: 1/4"

Part-No: QT-24
A Tube/Stem: 1/4"
B Tube/Stem: 3/8"



Part-No: QT-25
Tube: 1/4"
Thread: 1/4"

Part-No: QT-26
Check valve
Tube: 1/4"

Part-No: QT-27
Flow limit
Tube: 1/4"
Flowrate: 300-1800CC

Part-No: QT-28
Tube: 1/4"



Part-No: QT-29
Four way valve
Tube: 1/4"×4

Part-No: QT-30
High pressure switch
Tube: 1/4"×2
Pressure: 2.5±0.3Kg

Part-No: QT-31
Low pressure switch
Tube: 1/4"
Pressure: ≥0.3Kg

Part-No: QT-32
Tube cut



Part-No: QT-33
Plastic water feed adaptor
a: 1/4" b: 1/2" c: 1/2"

Part-No: QT-34
Tank decompression valve
Tube/Thread: 1/4"

faucet



D-01



D-02



D-04



D-09



D-13



D-17



D-18





GT-1



GT-2



GT-3

Hardware Parts



DT-02



DT-03



DT-04



DT-06



DT-11



DT-12



DT-13



DT-16



DT-21



DT-23



DT-30



DT-24



DT-25



B-RING1
1/2" 3/4" 1"



DT-26
Tank cap



CM-22 (1/4"-1/4")
CM-44 (1/2"-1/2")
CM-66 (3/4"-3/4")



J-5
Flow limit



J-6
Diverter valve



J-10



J-11



J-12



J-13



J-14



J-15



J-90



J-902



BV-01
Thread: 1/4"
PE pipe: 1/4"



BV-02
Thread: 1/4"
PE pipe: 3/8"



BV-03
Thread: 1/2"
PE pipe: 1/4" 3/8"



BV-04
Thread: 1/2"
PE pipe: 1/4"



PINV-1
Clamp valve



PINV-2
Saddle valve



DTC-01
1/2"×1/2"×1/4"
3/4"×3/4"×1/4"
3/8"×3/8"×1/4"



DTC-02
1/2"×1/2"×1/4"



DTC-03



DTC-04



DS-1
Drain saddle

RO Parts



EC-204-400A



LS-ZY-50B
(LANSHAN)



GF-50G-S
(BOFAN)

GF-75G-S
(BOFAN)

GF-200G-S
GF-300G-S
(BOFAN)

GF-400G-W
(BOFAN)

Transformer
TRANS-1.6A/3A/5A

Transformer
TRANS-1.2A/1.5A/1.7A

CTB-1
Controller

CTB-2
Controller

CTB-3-TDS
Controller

ET-2
Electrolysis

LPS-1
Low pressure
switch

HPS-1
High pressure
switch

AFV-1
Auto fluch
solenoid valve

SVC-1
Solenoid valve
with flow limit

SV-1
Solenoid valve

SV-2
Solenoid valve

PRV-1

LA-2
Leaking alarm

PB-1
Faucet
bracket

SBR-GFS



WR1
10” housing wrench



WR2
Membrane housing
wrench for 50G



WR3
20” Big housing wrench



WR4
Big membrane housing
wrench for 200/300G



WR5
Big membrane housing
wrench for 400G



WR6
Integrated wrench



PE PIPE

ST-1
Sealing tape



PSM-1
Pressure gauge



PSM-2
Pressure gauge
with oil



PSM-3
Pressure gauge
with oil



TRAY

PLUG-1 (1/4")
PLUG-2 (3/8")
PE pipe plug



TDST-1
TDS meter



FM-1
Flowrate meter



PM-1
Air pressure meter



UV-6W-1



UV-6W-2

Bracket



SBR-K1



SBR-K2



SBR-K3



SBR-U2



SBR-U3



SBR-L1



SBR-L2



SBR-L3



SBR-E1



SBR-E2



SBR-E3



SBR-RO50



SBR-RO2



SBR-RO3



SBR-RO31



PBR-RO4
Plastic



SBR-R071



SBR-R072



SBR-RO200



SBR-R085

Appendix: Unit Conversion

Length Conversion

m	cm	ft	in	remark
1	100	3.280840	39.37008	1ft=12in=30.48cm
10^{-2}	1	3.280840×10^{-2}	0.3937008	1m=100cm=39.37008in
0.3048	30.48	1	12	1in=25.4mm=2.54cm
2.54×10^{-2}	2.54	8.333333×10^{-2}	1	

Acreage Conversion

m^2	cm^2	mm^2	ft^2	in^2	remark
1	10^4	10^6	10.76391	1550.003	$1m^2=10^4cm^2=10^6cm^2$
10^{-4}	1	100	1.076391×10^{-3}	0.1550003	$=1550.003in^2$
10^{-6}	10^{-2}	1	1.076391×10^{-5}	1.550003×10^{-3}	$1ft^2=144in^2=929.0304cm^2$
9.290304×10^{-2}	929.0304	929.0304×10^2	1	144	$1ft^2=6.4516cm^2$
6.4516×10^{-4}	6.451600	645.1600	6.944444×10^3	1	

Cubage Conversion

m^2	L	cm^3	ft^3	Ukgal	Usgal
1	10^3	10^6	35.31467	219.9694	264.1720
10^{-3}	1	10^3	3.531467×10^{-2}	0.2199694	0.2641720
10^{-6}	10^{-3}	1	3.531467×10^{-5}	2.199694×10^{-4}	2.641720×10^{-4}
2.831685×10^{-2}	28.31685	28.31685×10^3	1	6.228839	7.480517
4.546087×10^{-3}	4.546087	4.546087×10^3	0.1605436	1	1.200949
3.785412×10^{-3}	3.785412	3.785412×10^3	0.1336806	0.8326748	1

Cubage Conversion

N/m^2	Kgf/cm^2	lbf/in^2	bar	mmhg	mH_2O
1	10.19712×10^{-6}	1145.036×10^{-6}	10×10^{-6}	7.50062×10^{-3}	102.074×10^{-6}
98.0665×10^3	1	14.2230	0.980665	735.560	10.0090
6.89476×10^3	7.03077×10^{-2}	1	6.89476×10^{-2}	51.7155	0.703780
10^5	1.01972	14.5036	1	750.062	10.2074
13.322	1.35951×10^{-3}	1.93366×10^{-2}	1.33322×10^{-3}	1	1.36087×10^{-2}
9.79685×10^3	9.99000×10^{-2}	1.42090	9.79685×10^{-2}	73.4824	1