



## ChiMay Water Purifier Catalog

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## Filter Cartridge

### Carbon Block Filter Cartridge >> CRCTO Series



Carbon block filter cartridges are designed for high effective filtration of water for certain VOC's, pesticide, chlorine, odor & sediment reduction down to 5 microns, with NSF qualified carbon and block filter cartridge. They are effective for filtering giardia & cryptosporidium cysts from potable drinking water, industrial, commercial & food services application.

Filter Media	activated coal carbon/coconut shell carbon/acid-washed coconut shell carbon
Filter Rate	5um/10um
Length	5",10",20",30",40" or other sizes as customized
Outer/Inner diameter	2.5",4.5"/28mm,or other sizes as customized
Gasket	Silicon,EPDM,NBR
Maximum operating temperature	50°C



### Melt Blown Filter Cartridge >> CRPP Series



Melt blown filter cartridges are made of 100% polypropylene without any glue partials.

It has depth construction of three layers from inner to outer, depth filtration inside, coarse fiber in the middle, and fine fiber in the surface. The cartridge is characteristic of high capacity of dirt, low pressure drops, high flow rate, good

chemical resistance. It can reduce the suspended substance, particulates and rust in the water effectively.

Filter Medium	Polypropylene
Filter Rate	1um,5um,10um,20um,30um,50um,75um,100um
Length	5",10",20",30",40" or other sizes as customized
Outer/Inner diameter	2.5",4.5"/28mm,or other sizes as customized
Maximum operating temperature	52°C
Maximum operating pressure	2.0 Bar



Granular Carbon / Resin Filter Cartridge >> CRGAC/CRRS Series



CR-GAC10

CRGAC series use high iodine rate carbon, to reduce the chlorine, odor, and bad taste in the water. And before production, most ash part of the carbon has been removed, which also helps to improve the filtration efficiency effectively.

CRRS series use high quality ion exchange resin to remove hardness materials (such as Ca, Mg) in the water. The two ends of CRGAC and CRRS are padded with special pp layer, which make a higher flow capacity of the cartridge, without dirty water coming out.

Filter Media	activated coal carbon/coconut shecarbon/acid-washed coconut shell carbon
Filter Rate	5um/10um
Length	10", 20"
Gasket	Silicon,EPDM,NBR
Maximum operating temperature	52°C
Maximum operating pressure	2.4Bar



CR-RS10

CR-GAC10K

CR-GAC10D

String Wound Filter Cartridge >> CRPPW Series



CR-SSPPW20

String wound filter cartridge are manufactured from a variety of carefully selected raw materials. After carding & spinning into roving, they are wound into cartridges with carefully controlled micron rating, to remove particulates from liquid. They

are demanded due to high dirt holding capacity and its rugged construction allows different applications in liquid and gas filtration.

Filter Media	Polypropylene yarn with polypropylene core Cotton yarn/ Glass fiber yarn with stainless core
Filter rate	1um,5um,10um,25um,50um,75um,100um
Length	5",10"20",30", 40"
Outer/Inner diameter	2.5", 4.5"/28mm, 30mm, or as customized
Operating temperature	<60°C



CR-PPW10

CR-BBPPW10

CR-BBPPW20

CR-PPW20

String Wound Filter Cartridge>> CRPPW Series

Inline cartridges offer a better filter efficiency and more convenient installation way. It has a variety range of filter media to deal with different water situations.

Inline carbon	remove chlorine, organic chemical, provide tasty water
Inline sediment	filled with 5um pp melt blown filter cartridge to remove dirt sand, rust
Inline resin	use high level ion exchange resin to reduce the hardness material in the water
Inline mineral ball	use mineral ball to increase the organic material in the water
Inline alkaline ball	use alkaline ball to raise the PH of the acidic wate
Inline silver carbon	use silver carbon to reduce the bacteria, odor, pigment, ketone, heavy metal ion
Inline infrared ball	release far infrared rays to separate water molecules group, which can improve blood circulation and health condition
Inline KDF	use KDF to kill algae and fungi, control bacteria growth
Size	2"*10"/2"*11"/2.5"*12"
Inlet/Outlet	Thread/Quick Connection



Pleated Filter Cartridge>> CR Pleated Series

Polypropylene Pleated filter cartridges are precisely manufactured for use in critical filtration application within food, pharmaceuticals, biotech, dairy, beverages, brewing, semi-conductor, water treatment & other demanding process industries. PTFE (Poly Tetra Fluoro Ethylene) filter cartridges are specifically designed for sterile filtration applications of liquid, air & gas streams, PTFE is characterized by high chemical inertness, the PTFE membrane has about 80-95% porosity & uniform pore size distribution. PES (Poly Ether Sulphone) filter cartridges are made of poly ether sulphone with uniform pore distribution to ensure maximum performance in bacterial retentions. PES membrane inherently hydrophilic with excellent hydrolytic stability & chemical compatibility.

Filter Media	Polypropylene membrane, PTFE membrane, PES
Filter Rate	0.1um,0.22um,0.45um,1um,3um,5um,10um,20um,50um,100um
Length	10", 20", 30", 40", or other sizes as customized
End Cap style	DOE:222/Fin/Flat:226/Fin/Flat
O-ring / Gasket	Silicon/EPDM/Buna N



Polyester Pleated Filter Cartridge>> CRPPC Series



CR-PPC10L

Polyester pleated filter cartridges are made of polyester membrane. The pleated design is to increase surface area and high efficiency of contaminant removal. It has high resistance of strong acid. The filter media, core, end caps are assembled integrally under high temperature, which

ensures the high closure rate of the cartridges.

Filter Media	Polyester
Filter Rate	1um, 5um, 10um, 20um, 50um
Length	5",10",20",30",40"
Outer/Inner diameter	68mm, 115mm/28mm, or other sizes as customized
Maximum operating temperature	40°C
Maximum operating pressure	4.0Bar



CR-BBPPC10L

CR-PPC10

CR-BBPPC10

Filter Housing

RO Housing

The filter housing is made of high-quality PP and AS in conformity with FDA specifications. Gum O-ring can avoid leakage. Thicker housing and rib design can withstand much pressure. Can be used in food industry, industries, RO system, lab, water station.

Filter Length: 5", 10", 20"

Connector Size: 1/4", 3/8", 1/2", 3/4", 1", 1.5"

Max Working Pressure: 125 PSI

Max Sustained Temperature: 120°F / 50°C



NW-BR 101 NW-BR 101B NW-BR 1011 NW-BR101-2 NW-BR101-3 NW-BR 102 NW-BR 1021 NW-BR 1022 NW-BR 1023 NW-BR 1024 NW-BR 1025

NW-BR 103 NW-BR 1031 NW-BR 10A NW-BR 10B NW-BR 10B-H NW-BR 10F NW-BR 10F2  
 NEW NEW NEW NEW NEW NEW  
 NW-BR 10N NW-BR 109 NW-BR101Y NW-BR101Y-2 NW-BR102Y NW-BR102Y-2

Item Number	Description	Material	Color	Size	Inlet & Outlet Port (NPT)	Failure Test Pressure	Package Dimension
NW-BR 101	Double O-Ring	PP	White	10"	1/4"	450 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 101B	Double O-Ring	PP	White	10"	1/4"	360 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1011	Double O-Ring	AS	Clear	10"	1/4"	350 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 101-2	Double O-Ring	PP	White	10"	1/4" 1/2" 3/4"	225 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 101-3	Double O-Ring	AS	Clear	10"	1/4" 1/2" 3/4"	170PSI	47 * 36 * 32.5cm/12pcs
NW-BR 102	Single O-Ring	PP	White	10"	1/4"	360 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1021	Single O-Ring	AS	Clear	10"	1/4"	290 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1022	Single O-Ring with air release button	PP	White	10"	1/4" 1/2" 3/4"	290 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1023	Single O-Ring with air release button	AS	Clear	10"	1/4" 1/2" 3/4"	290 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1024	Single O-Ring	PP	Blue	10"	1"	290 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1025	Single O-Ring	PP	White	10"	1/4"	360 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 103	Double O-Ring	PP	White	10"	1/4"	400 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 1031	Double O-Ring	AS	Clear	10"	1/4"	400 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 10A	Inline housing with air release button	AS	Clear	10"	1/2" 3/4" 1"	210 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 10B	Inline housing with air release button	AS	Clear	10"	1/2" 3/4" 1"	120 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 10B-H	Inline housing with air release button	NYLON	Red	10"	1/2" 3/4" 1"	360 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 10F	Inline housing with air release button	AS	Clear	10"	1/2" 3/4"	360 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 10F2	Inline housing with air release button	PP	Blue	10"	1/2" 3/4"	360 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 10N	Inline housing	AS	Clear	10"	1/4"	290 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 109	Inline housing	PP	Clear	10"	1/4"	290 PSI	59 * 44.5 * 35cm/12pcs
NW-BR 101Y	Double O-Ring	PP	White	10"	1/4"	390 PSI	47 * 36 * 32.5cm/12pcs
NW-BR 101Y-2	Double O-Ring	PP	White	10"	3/8" 1/2" 3/4" 1"	390 PSI	47 * 36 * 32.5cm/12pcs
NW-BR102Y	Single O-Ring	PP	White	10"	1/4"	390 PSI	47 * 36 * 32.5cm/12pcs
NW-BR102Y-2	Single O-Ring	PP	White	10"	3/8" 1/2"	390 PSI	47 * 36 * 32.5cm/12pcs



Item Number	Description	Material	Color	Size	Inlet & Outlet Port (NPT)	Failure Test Pressure	Package Dimension
NW-BR5B	Single O-Ring	AS	Clear	5"	1/2" 3/4" 1"	280 PSI	62 * 44 * 29.5cm/50pcs
NW-SHW1	Single O-Ring	AS	Clear	3"	3/4"	180 PSI	50*24*35cm/40pcs
NW-SHW2	Single O-Ring	AS	Clear	4"	1/2"	180 PSI	49*49*39cm/50pcs
NW-SHW2-1	Single O-Ring	PP	White	4"	1/2"	180 PSI	49*49*39cm/50pcs
NW-SHW2-2	Single O-Ring	PET	Clear	4"	1/2"	180 PSI	49*49*39cm/50pcs
NW-SHW5	Single O-Ring	AS	Clear	4"	2"	180 PSI	49*49*39cm/50pcs
NW-BR104	Single O-Ring	PP	White	4"	1/4"	400 PSI	56.5*42*33cm/40pcs
NW-BR105/105-1	Single O-Ring	PP	White	10"	1/8"	500 PSI	56.5*42*33cm/40pcs
NW-BR107	Single O-Ring	PP	White	10"	1/8"	550 PSI	56.5*42*33cm/40pcs
NW-BR108	Single O-Ring	PP	White	10"	1/8"	400 PSI	56.5*42*33cm/40pcs
NW-BR400G	Single O-Ring	PP	White	10"	1/8"	400 PSI	56.5*42*33cm/40pcs
NW-BR106	Single O-Ring	AS	Clear	10"	1/4"	400 PSI	56.5*42*33cm/40pcs
NW-BR10M	Single O-Ring with Air release button	PP	Blue	10"	1" 1.5"	360 PSI	39 * 39 * 40cm/4pcs
NW-BR20L	Single O-Ring with Air release button	PP	Blue	20"	1" 1.5"	360 PSI	41*41* 64cm/4pcs
NW-BR20K	Single O-Ring with Air release button	PP	Blue	20"	3/8" 1/2" 3/4" 1"	360 PSI	39*39*62cm/6pcs
NW-BR20K-2	Single O-Ring with Air release button	PP	Blue	20"	3/8" 1/2" 3/4" 1"	360 PSI	39*39*62cm/6pcs

Membrane / BB Housing

Max Working Pressure: 125 PSI

Max Sustained Temperature: 120°F / 50°C

Remark: Double O-Ring can be chosen for Membrane and BB housing.

## Water Purifier

### CR-WP01



1st stage is 10" transparent housing with a 5um pp melt blown filter cartridge  
 2nd stage is 10" white housing with a carbon block filter cartridge  
 3rd stage is post inline coconut shell carbon filter cartridge  
 Feed Water Pressure: < 0.8MPA  
 Max operating temperature: 45°C

### CR-WP02

1st stage is 10" transparent housing with a 5um pp melt blown filter cartridge  
 2nd stage is 10" white housing with a granular carbon filter cartridge  
 3rd stage is 10" white housing with a carbon block filter cartridge  
 4th stage is UF membrane  
 5th stage is post inline coconut shell carbon filter cartridge  
 Feed Water Pressure: < 0.8MPA  
 Max operating temperature: 45°C



### CR-WP03



1st stage is 10" transparent housing with a 5um pp melt blown filter cartridge  
 2nd stage is 10" white housing with a granular carbon filter cartridge  
 3rd stage is 10" white housing with a carbon block filter cartridge  
 4th stage is UF membrane  
 5th stage is post inline coconut shell carbon filter cartridge  
 6th stage is post inline far-infrared ray ball filter cartridge  
 Feed water pressure: < 0.8MPA  
 Max operating temperature: 45°C

### CR-WP04



1st stage is 10" transparent housing with a 5um pp melt blown filter cartridge  
 2nd stage is 10" white housing with a granular carbon filter cartridge  
 3rd stage is 10" white housing with a carbon block filter cartridge  
 4th stage is UF membrane  
 5th stage is post inline coconut shell carbon filter cartridge  
 6th stage is UV water sterilizer  
 Feed water pressure: <0.8MPA  
 Max operating temperature: 45°C

Bigblue Water Filter CR-BBHWPO1



1st stage is 5um 20" bigblue pp melt blown filter cartridge  
 2nd stage is 20" bigblue granular carbon filter cartridge  
 3rd stage is 20" bigblue refillable filter  
 Feed water pressure: <90psi  
 Max operating temperature: 50C

Reverse Osmosis System

1st stage is 5um melt blown filter cartridge, to remove the particles dust mud, etc  
 2nd stage is granular carbon filter cartridge, to remove the chlorine, organic, odor, etc  
 3rd stage is carbon block filter cartridge, to remove certain VoC, pesticides, chlorine, odor. Also effective in filtering giardia & cyptosporidium  
 4th stage is RO membrane, remove bacteria, heavy metal, bad mineral substance, other dissolved matter and chemical drug  
 RO membrane brand is available from VONTRON, CSM, FILMTEC  
 5th stage is post inline coconut carbon filter cartridge, which can improve the taste of the water  
 Auto-flush with micro-computer  
 Capacity: 50GPD (75GPD/100GPD/400GPD)  
 Voltage/Frequency: AC220/110, 50/60Hz or without any electronic accessories  
 6 stages/ 7 stages RO Systems are optional/ available



## Water Softener

Chimay softener adopts high-tech ionic exchange soften technique to remove calcium ions and magnesium ions in theater and supply high quality soft water for your living.

Extend service life of household applications, such as water heater, boiler, shower, faucets and pipes.

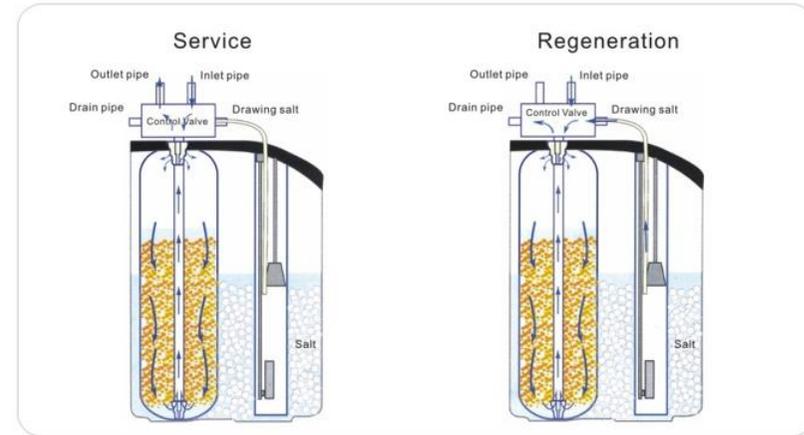
Cleaner, softer clothes and towels.

Keep hair smooth and skin delicate.

To use less shampoo and soap while washing and shower.

More luxurious, foaming baths.

Keep clear fineness tableware and sanitary hardware clearer, taste and odor-free ice cubes.

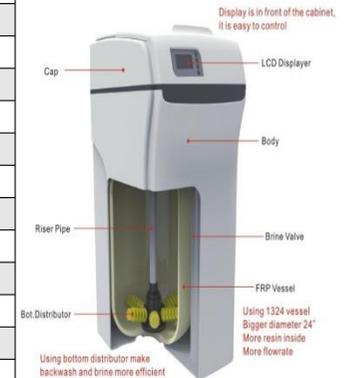


Water Softener Exploded View



### SOFT-A Technical Parameters

Model	SOFT-A
Valve Type	Automatic Softener Valve
Regeneration Mode	Meter Timer Mix/Timer
Resin Volume	30L
Resin Tank	1324
Flow Rate	≤3.5T/H
Working Pressure	0.15-0.5MPa
Power Supply	220V/110V 50Hz
Inlet/Outlet Size	1/2" 3/4" 1"
Drain Size	Φ12mm
Central Tube Size	24"
Brine Valve	Yes
Weight(without salt)	≤44kgs
Dimensions(W*D*H)	490*360*810(mm)
Packaging Size(W*D*H)	530*385*890(mm)
Container Capacity(20'GP/40'GP)	160ctns/385ctns



### SOFT-F Technical Parameters

Model	SOFT-F1	SOFT-F2
Valve Type	Automatic Softener Valve	
Regeneration Mode	Meter Timer Mix/Timer	
Resin Volume	12.5L	25L
Resin Tank	1017	1035
Flow Rate	<=1T/H	<=2.5T/H
Working Pressure	0.15-0.5MPa	0.15-0.5MPa
Power Supply	220V/110V 50Hz	220V/110V 50Hz
Inlet/Outlet Size	1/2" 3/4" 1"	1/2" 3/4" 1"
Drain Size	φ 12mm	φ 12mm
Central Tube Size	17"	35"
Brine Valve	Yes	Yes
Weight(without salt)	<=23kgs	<=38kgs
Dimensions(W*D*H)	440*330*660(mm)	440*330*1100(mm)
Packaging Size(W*D*H)	490*330*710(mm)	490*330*1170(mm)
Container Capacity(20'GP/40'GP)	250ctns/500ctns	150ctns/360ctns



SOFT-F1

SOFT-F2

### SOFT-XB Technical Parameters



SOFT-XB2

SOFT-XB1

SOFT-XB2(F)

SOFT-XB1(F)

Model	SOFT-XB2 SOFT-XB2(F)	SOFT-XB1 SOFT-XB1(F)
Valve Type	Automatic Softener Valve	
Regeneration Mode	Meter Timer Mix/Timer	
Resin Volume	25L	12.5L
Resin Tank	1035	1017
Flow Rate	<=2.5T/H	<=1T/H
Working Pressure	0.15-0.5MPa	0.15-0.5MPa
Power Supply	220V/110V 50Hz	220V/110V 50Hz
Inlet/Outlet Size	1/2" 3/4" 1"	1/2" 3/4" 1"
Drain Size	φ 12mm	φ 12mm
Central Tube Size	35"	17"
Brine Valve	Yes	Yes
Weight(without salt)	<=38kgs	<=23kgs
Dimensions(W*D*H)	440*330*1100(mm)	440*330*660(mm)
Packaging Size(W*D*H)	490*330*1170(mm)	490*330*710(mm)
Container Capacity(20'GP/40'GP)	180ctns/350ctns	250ctns/500ctns

### SOFT-C/D Technical Parameters



SOFT-D

SOFT-C2

SOFT-C1

Model	SOFT-D	SOFT-C2	SOFT-C1
Valve type	Automatic filter valve		
Flow Rate	1.5T/H	0.75T/H	0.5T/H
Working Pressure	0.15~0.50Mpa	0.15~0.50Mpa	0.15~0.50Mpa
Working Temperature	5~48℃	5~48℃	5~48℃
Inlet/Outlet Size	1/2",3/4", 1"	1/2",3/4", 1"	1/2",3/4", 1"
Resin Volume	15L/17L	6.5L	5L
Resin Tank	0735/0835	0717	0713
Dimensions(W*D*H)	440*240*1080(mm)	440*240*600(mm)	440*240*520(mm)

## Central Water Purification



### Technical Parameters

Model	CF-B2	CF-B1	CF-P1
Valve type	Automatic filter valve		Manual filter valve
Flow Rate	3T/h	1.5T/h	1.5T/h
Working Pressure	0.15~0.50Mpa	0.15~0.50Mpa	0.15~0.50Mpa
Working Temperature	5~48℃	5~48℃	5~48℃
Inlet/Outlet Size	1/2", 3/4", 1"	1/2", 3/4", 1"	3/4"
Activated Carbon Volume	25L	12.5L	10L
Tank Size	1035	1017	1015
Dimensions(W*D*H)	360*300*1130(mm)	360*300*670(mm)	290*290*500(mm)

CF-B2

CF-B1

CF-P1

## Automatic Sediment Filter

### Product Introduce

The PF-1 is designed to be plumbed into a home's incoming water supply pipe, where it will reduce sand, grit, debris, pipe scale and other loose particulate matter from the water and periodically flush them down the drain. It can be used as a pre-filter for the center water filter and softener.

### Characteristic:

The PF-1 has an electronic control that counts down the days until the next automatic flush of collected sediment particles. The number of days is programmable.

Otherwise, the electronic controller can run by a transformer or on a 6 volt battery. The controller will indicate when the battery needs to be replaced. It will be very easy for you to use this product.



PF-1

Siliphos

### Technical parameters

Model	PF-1
Flow rate	35 gpm
Working pressure	30~100 psi
Working temperature	5~49℃
Inlet & outlet	1", 1/2", 3/4"
Size of filter mesh	70 micron
Dimension	133×105×381 (mm)

## Tap Filter

The tap filter series is filled with carbon and ceramic filter or ultra-filter membrane. It can be installed directly on the faucet and shower to supply purified water for healthy living and bath. It includes a set of university fittings for easy installing on any kinds of kitchen or bathroom faucet, this filter can remove chlorine, organic substances, smell in the water.



LT-CTO-1

LT-CMC-1

LT-UFCF-1

LT-CTO-1. Sintered Activated Carbon. To Remove chlorine over 90%. More filter capacity and using living than the normal block one.

LT-CMC-1. Ceramic + Coconut activated carbon. Its quality equal to Doulton ones.

LT-UFCF-1. Japanese UF+ACF (Activated Carbon Fiber). New type of highly efficient catalysts and adsorbents.



LT-P

LT-H

Item Number	Inlet & Outlet Port	Flow Capacity	Working Pressure	Packing Dimension
LT-P/H	M24/M22 M/F thread	1.0L/Min	0.15-0.35Mpa	235*198*78mm



## Pressure Tank

### Plastic Pressure Tank



### Stainless Steel Pressure Tank

