CARBON FILTRATION CARTRIDGES

(C)

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FCA - Activated Carbon Cartridge

Granular activated carbon cartridge.

Protects water from chlorine, pesticides, herbicides and other sediments over 1 mcr. Gives water a better taste without unpleasant smell and turbiditu.

Keeps natural water structure and mineral composition.

ltem	FCA	FCA BB10	FCA BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, I/min	6	6	6
Working temperature, °C	3-36	3-36	3-36
Lifespan, months	up to 6	up to 6	up to 6
Maximum pressure difference, mPa	0,2-0,4	0,2-0,4	0,2-0,4

FCB - Coconut Shell Carbon Cartridge

Coconut shell activated carbon cartridge. Protects water from chlorine, pesticides, herbicides and other sediments over 1 mcr. Gives water a better taste without unpleasant smell and turbidity.

Keeps natural water structure and mineral composition

ltem	FCB
Dimensions, inch	10 x 2 1/2
Productivity, I/min.	6
Working temperature, °C	3-36
Lifespan, months	up to 6
Maximum pressure difference, mPa	0,2-0,4

FCBL - Activated Carbon Block Cartridge

Activated carbon cartridge (carbon block technology). Protects water from chlorine, pesticides, herbicides and other sediments over 1 mcr. Gives water a better taste without unpleasant smell and turbiditu. Keeps natural water structure and mineral composition

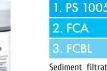
ltem	FCBL	FCBL BB10	FCBL BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, I/min	6	6	6
Working temperature, °C	3-36	3-36	3-36
Lifespan, months	up to 6	up to 6	up to 6
Maximum pressure difference, mPa	0,2-0,4	0,2-0,4	0,2-0,4

FCBKDF - Activated Carbon Cartridge with KDF® Element

Made of coconut shell activated carbon and KDF-85. Protects water from chlorine, pesticides,

herbicides and other sediments over 1 mcr. KDF-85 is used for removing iron, hydrogen sulfide, heavy metals. Protects from bacteria and viruses, blocks reproduction of microorganisms. Perfect for water with large amount of sediments.

ltem	FCBKDF
Dimensions, inch	10 x 2 1/2
Productivity, I/min	б
Working temperature, °C	3-36
Lifespan, months	up to 6
Maximum pressure difference, mPa	0,2-0,4





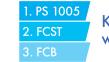
Sediment filtration: removing sand, rust, sediment, clay, mud, scales, suspension and other sediments

Combined sorption filtration (activated carbon + carbon block): protects water from chlorine, pesticides, herbicides and others. Gives water a better taste without unpleasant smell and turbidity. Keeps natural water structure and mineral composition.



Sediment filtration: removing sand, rust, sediment, clay, mud, scales, suspension and other sediments.

Combined sorption filtration (high quality coconut carbon + carbon block). Protects water from heavy metals, perfect for water filtration from chlorine, pesticides, herbicides and others. Improves water taste. Keeps natural water structure and mineral composition.



3

K-ST - filtration + water softening

Sediment filtration: removing sand, rust, sediment, clay, mud, scales, suspension and other sediments.

exchange resin made by world leading manufacturers. Removing iron, manganese, heavy metals. Anti-scale.

Sorption filtration: protects water from heavy metals, chlorine, nesticides, herbicides and others.



iron removal

Sediment filtration: removing sand, rust, sediment, clay, mud, scales, suspension and other sediments.

Iron removal: AC and MC sorbents act as an oxidation catalyst for iron, hydrogen sulfide and manganese. Removing iron, strontium, aluminum, oil products, phenol, fluorine and others. Sorption filtration: protects water from heavy metals, chlorine.

pesticides, herbicides and others

1. PS 1005 2. FCB 3. PS 1001

CARTRIDGE SETS FOR DRINKING SYSTEM

KCB-FRO - for RO water filtration systems

Sediment filtration 5 mcr: removing sand, rust, sediment, clay, mud, scales, suspension and other sediments. Improved sorption filtration: protects water from heavy metals, perfect for water filtration from chlorine, pesticides, herbicides and others. Improves water taste. Keeps natural water structure and mineral composition. Improved sediment filtration 1 mcr: removing extra small sediments and protect against re-release of contaminants absorbed by previous cartridges.



RO membrane – removing 96- 99% of contaminants from water including bacteria and viruses. Carbon post filter – last stage of water filtration. Granular coconut activated carbon, gives water a better taste without unpleasant smell.



systems + membrane + post filter

1. PS 1005	KCB-FRO- RO water
2. FCB	
3. PS 1001	systems + + post filte + mineraliz
4. Membrane	+ bio cera
5. Post filter	activation
6. Minerali-	Bio ceramic water ac biologically active wi
7. Bio ceramic activation	

-FRO-7 - for water filtrațion ms + membrane st filter neralization ceramic water

ic water activation. Water becomes llu active with its natural structure

FCPF

10 x 2 1/2

6

3-45

up to 12

0,2-0,4

0,4

ION EXCHANGE CARTRIDGES

Ite Dim

Pro Wo

tem

Life

Max

diff

unicor

FCST - Cartridge for Softening

With high quality ion exchange resin Cartridge softens the water (by ion exchange). Removing iron, manganese, heavy metals, Anti-scale. Longer lifespan. Multiple filler regeneration.

FCST	FCST BB10	FCST BB20
10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
6	6	6
3-36	3-36	3-36
up to 6	up to 6	up to 6
0,2-0,4	0,2-0,4	0,2-0,4
	10 x 2 1/2 6 3-36 up to 6	10 x 2 1/2 10 x 4 1/2 6 6 3-36 3-36 up to 6 up to 6

FCFE - Iron Removal Cartridge

With high quality sorbents. Acts as an oxidation catalyst for iron, hydrogen sulfide and manganese. Removing iron, strontium, aluminum, oil products, phenol, fluorine and others. Sorbent does not expend while using Keeps very small amount of sediments in processed water.

n	FCFE	FCFE BB10	FCFE BB20
iensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
ductivity, l/min	6	6	6
rking Iperature, °C	3-36	3-36	3-36
espan, months	up to 6	up to 6	up to 6
ximum pressure erence, mPa	0,2-0,4	0,2-0,4	0,2-0,4

FCPF - anti-scale polyphosphate

Cartridge softens the water. Anti-scale. Removing chlorine Long lifespan. Low consumption of polyphosphate crystals.

crystals cartridge Cartridge contains sodium polyphosphate salts.

NB! For process water only.

Micory

Dimensions, inch	
Productivity, I/min.	
Working temperature, °C	
Lifespan, months	
Maximum pressure difference, mPa	
Salt consumption, g/m3	

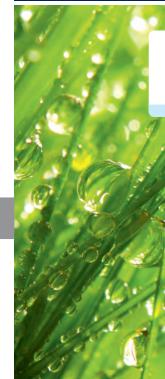
UNICORNPLAST.COM

ANTI-SCALE CARTRIDGES

ltem



(RU) Manufacturer's address: 1E Pleshkova Str., Rasumnoe, Belgorod region, 308510. Russian Federation







3



INNOVATIVE TECHNOLOGIES IN ALL PRODUCTS

WATER FILTERS AND FILTRATION SYSTEMS

IDEAL TECHNOLOGIES FOR FILTRATION SYSTEMS



UNICORNPLAST.COM

2023

10" Filter Housing for Cold Water

Used for protecting pipes, plumbing and home appliances.

Mounted into cold water supplu main line

For domestic and commercial use

Two parts (head and housing) housing is equipped with o-ring to ensure watertightness, air valve

Designed to fit standard 10" cartridges made of polypropylene fiber, polypropylene wound thread as well as for different cartridges used for carbon and ion exchange filtration.

NEW

New form, reinforced insert!

FH2P

NEW

Best price!

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4

den.

KSBP

New filter housing.

micom

Model	FH2P 12	FH2P 34	KSBP 1/2	KSBP 3/4
Height, cm	30	30	30	30
Width, cm	12,5	12,5	12,5	12,5
ln/out, inch	1/2"	3/4"	1/2"	3/4"
Cartridge dimensions, inch	10 x 2 1/2			
Working pressure, bar	6	6	6	6
Working temperature	2-45 °C	2-45 °C	2-45 ℃	2-45 °C
Housing	transparent	transparent	transparent	transparent

FH HOT - 10" Filter Housing for Hot Water

Used for hot water filtration.

Widely used in hot water supply systems for protecting plumbing fittings and industrial equipment

Resistant to high temperatures and chemical compounds.

Two parts (head and housing), housing is equipped with o-ring to ensure watertightness, air valve.

Designed to fit standard 10" cartridges made of polypropylene fiber, polypropylene wound thread for hot water.

Model	FH HOT 12	FH HOT 34
Height, cm	30	30
Width, cm	12,5	12,5
ln/out, inch	1/2"	3/4"
Cartridge dimensions, inch	10 x 2 1/2	10 x 2 1/2
Working pressure, bar	8	8
Working temperature	2-80 °C	2-80 °C
Housing	non-transparent	non-transparent

Mignon - 5" Filter Housing for Cold Water 🜒

Standard 5" filter with two parts Mounted into cold water supply main line. Used for protecting home appliances from sediments

Designed to fit standard 5" cartridges made of polypropylene fiber, polypropylene wound thread.

Features Working pressure: 8 atm Working temperature: 2 °C – 50 °C In/out: 1/2"

10" Double Filter Housing for Cold Water

Used for cold water sediment filtration. Pre-filter is mounted into cold water supply main line.

Air valve enables release of air after cartridge replacement.

Transparent housing allows to watch the filtration process and estimate the level of cartridge contamination visually

Usage: pre-filtration; microfiltration; pump, mixer, washing machine and other home appliances protectior

Lifespan of cartridge for drinking water will be longer.

Double transparent housings with brass threads and O-rings.



New form, reinforced insert, best price

NEW new double filter housing KSBP DUO.

Model	FH2P DUO 12	FH2P DUO 34	KSBP DUO 12	KSBP DUO 34
Height, cm	37	37	37	37
Width, cm	26	26	26	26
Depth, cm	14	14	14	14
In/out, inch	1/2"	3/4"	1/2"	3/4"
Productivity, I/min	20-30	20-30	20-30	20-30
Cartridge dimensions, inch	10 x 2 1/2			
Working pressure, bar	6	6	6	6
Working temperature	2-45 °C	2-45 °C	2-45 °C	2-45 °C
Housing	transparent	transparent	transparent	transparent

Big Blue Filter Housing

Used for cottages and industrial enterprises water treatment.



Model	FHBB 10	FHBB 20
Height, cm	25	50
Width, cm	17,5	17,5
ln/out, inch	1"	1"
Cartridge dimensions, inch	10 x 2 1/2	20 x 4 1/2
Working pressure, bar	6	6
Working temperature	2-45 °C	2-45 °C
Housina	non-transparent	non-transparent

FPS-3 / FPS-3 (ST) - 3-stage Water Filtration System

UNDER SINK

WATER FILTRATION SYSTEMS



Features:

3-stage filtration Cartridge lifespan: 6500 liters

Productivity: 5 I/min

Replace every 3-6 months.

Under sink water filtration system.

Different sets of cartridges for different sediments.

WATER FILTRATION STAGES

Stage 1

Sediment filtration – removal of sand, rust, sediment, clay, mud, scales, suspension and other sediments. Lifespan: 3000 liters.

Stage 2 - FPS-3

Standard or improved carbon filtration – removal of heavy metals, chlorine, pesticides, herbicides and othes,

Improves water taste and keeps natural water structure and

mineral composition

*Stage 2 - FPS-3 (ST) Special cartridge for water softening

With high quality ion exchange resin.

Cartridge softens the water by ion exchange.

Removing iron, manganese, heavy metals.

Anti-scale

Stage 3

Carbon filtration - removing heavy metals, chlorine, pesticides, herbicides and others.

RO WATER FILTRATION SYSTEMS

RO water filtration systems



FRO-5	5-stage system
FRO-6	6-stage system
FRO-7	7-stage system

Water filtration systems for best water quality. Several filtration stages including RO membrane allow to remove 99% of contaminants from water including bacteria and viruses. Clean water is accumulated in the tank and goes to the faucet mounted separately on the sink.

WATER FILTRATION STAGES

Stage 1

Sediment filtration – removing sediments that allows to prolong the lifespan of other cartridges. Lifespan: 3000 liters, replace every 6 months. Stage 2, 3 Carbon filtration - removing heavy metals, chlorine, pesticides, herbicides and others. Lifespan: 5000 liters, replace every 6 months.

Stage 4

RO membrane - removing 96- 99% of contaminants from water including bacteria and viruses. Lifespan: up to 3 years. Stage 5 Carbon post filter – last stage of water filtration. Granular coconut activated carbon, gives water a better taste without unpleasant smell. Lifespan depends on used amount of water, replace every 12 months. Stage 6 (for FRO-6 and FRO-7 sustems)

Water mineralization – getting water with necessary minerals and microelements Lifespan: 3600 liters, replace every 12 months.

Stage 7 (for FRO-7 system) Bio ceramic water activation. Water becomes biologically active with its natural structure. Lifespan: 3600 liters, replace every 12 months.

FILTERS FOR HOME APPLIANCES

Polyphosphate Crystals

Used in filters for washing machines and dishwashers, filters for water heaters

Anti-scale filter for water pipes and home appliances



Features: Working pressure: 8 atm Working temperature: 2 °C - 50 °C Capacity: 60 I/min. In/out: 3/4'

Polypropylene Spun Cartridges

High quality polypropylene spun cartridge made using "melt-blown" technique

sediments. Improve water quality, protect home appliances and equipment.

Perfect for using in drinking systems (under sink triple system, RO system) Longer lifespan

ltem	Dimensions, inch	Filtration, mcr	Productivity, I/min	Working temperature, °C	Lifespan, months	Max. pressure difference, mPa
PS 0505	5 x 2 1/2	5	20	3-45	up to 6	0,2-0,4
PS 1001	10 x 2 1/2	1	20	3-45	up to 6	0,2-0,4
PS 1005	10 x 2 1/2	5	20	3-45	up to 6	0,2-0,4
PS 1010	10 x 2 1/2	10	20	3-45	up to 6	0,2-0,4
PS 1020	10 x 2 1/2	20	20	3-45	up to 6	0,2-0,4
PS 1050	10 x 2 1/2	50	20	3-45	up to 6	0,2-0,4
PS BB 1001	10 x 4 1/2	1	20	3-45	up to 6	0,2-0,4
PS BB 1005	10 x 4 1/2	5	20	3-45	up to 6	0,2-0,4
PS BB 1010	10 x 4 1/2	10	20	3-45	up to 6	0,2-0,4
PS BB 1020	10 x 4 1/2	20	20	3-45	up to 6	0,2-0,4
PS BB 1050	10 x 4 1/2	50	20	3-45	up to 6	0,2-0,4
PS BB 2001	20 x 4 1/2	1	20	3-45	up to 6	0,2-0,4
PS BB 2005	20 x 4 1/2	5	20	3-45	up to 6	0,2-0,4
PS BB 2010	20 x 4 1/2	10	20	3-45	up to 6	0,2-0,4
PS BB 2020	20 x 4 1/2	20	20	3-45	up to 6	0,2-0,4
PS BB 2050	20 x 4 1/2	50	20	3-45	up to 6	0,2-0,4
PS 1005 HOT	10 x 2 1/2	5	20	3-85	up to 6	0,2-0,4

Polypropylene Yarn Cartridges

High quality polypropylene yarn cartridge. Removing sand, rust, sediment, clay, mud, scales, suspension and other sediments Improve water quality, protect home appliances and equipment. Longer lifespan

ltem	Dimensions, inch	Filtration, mcr	Productivity, I/min	Working temperature, °C	Lifespan, months	Max. pressure difference, mPa
PP 0505	5 x 2 1/2	5	20	3-45	up to 6	0,2-0,4
PP 1001	10 x 2 1/2	1	20	3-45	up to 6	0,2-0,4
PP 1005	10 x 2 1/2	5	20	3-45	up to 6	0,2-0,4
PP 1010	10 x 2 1/2	10	20	3-45	up to 6	0,2-0,4
PP 1020	10 x 2 1/2	20	20	3-45	up to 6	0,2-0,4
PP 1050	10 x 2 1/2	50	20	3-45	up to 6	0,2-0,4
PP BB1001	10 x 4 1/2	1	20	3-45	up to 6	0,2-0,4
PP BB 1005	10 x 4 1/2	5	20	3-45	up to 6	0,2-0,4
PP BB 1010	10 x 4 1/2	10	20	3-45	up to 6	0,2-0,4
PP BB 1020	10 x 4 1/2	20	20	3-45	up to 6	0,2-0,4
PP BB 1050	10 x 4 1/2	50	20	3-45	up to 6	0,2-0,4
PP BB 2001	20 x 4 1/2	1	20	3-45	up to 6	0,2-0,4
PP BB 2005	20 x 4 1/2	5	20	3-45	up to 6	0,2-0,4
PP BB 2010	20 x 4 1/2	10	20	3-45	up to 6	0,2-0,4
PP BB 2020	20 x 4 1/2	20	20	3-45	up to 6	0,2-0,4
PP BB 2050	20 x 4 1/2	50	20	3-45	up to 6	0,2-0,4
PP 1005 HOT	10 x 2 1/2	5	20	3-85	до б	0,2-0,4

Mignon+Polifos -Polyphosphate Filter

for Water Heaters Standard 5" filter with two parts. Anti-scale filter for water heating appliances. Filtration element – polyphosphate salt crystals.

Universal connection.

Features: Working pressure: 8 atm Working temperature: 2 °C - 50 °C Salt consumption: 5 g/100 l In/out: 1/2"

WM34 -**Polyphosphate Filter** for Washing Machines For washing machines and dishwashers.

WATER SEDIMENT CARTRIDGES

Removing sand, rust, sediment, clau, mud, scales, suspension and other

