



INNOVATIVE TECHNOLOGIES
IN ALL PRODUCTS

WATER FILTERS
AND FILTRATION SYSTEMS

IDEAL TECHNOLOGIES
FOR FILTRATION SYSTEMS

100%
QUALITY
GUARANTEE

UNICORNPLAST.COM

2019

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 turbidity. Keeps natural water structure and mineral composition.

Item	FCA	FCA BB10	FCA BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, l/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.

Item	FCB
Dimensions, inch	10 x 2 1/2
Productivity, l/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 turbidity. Keeps natural water structure and mineral composition.

Item	FCBL	FCBL BB10	FCBL BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, l/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.

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

K-CA STANDARD FILTRATION

1. PS 1005
2. FCA
3. FCBL



1. PS 1005 - high quality melt-blown propylene cartridge (5 mcr).
2. FCA - granular activated carbon cartridge.
3. FCBL - activated carbon block cartridge.

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.

K-ST FILTRATION + WATER SOFTENING

1. PS 1005
2. FCST
3. FCB



1. PS 1005 - high quality melt-blown propylene cartridge (5 mcr).
2. FCST - ion exchange resin cartridge (softening).
3. FCB - coconut shell carbon cartridge.

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

Effective softening: water softening through high quality ion exchange resin made by world leading manufacturers. Removing iron, manganese, heavy metals. Anti-scale.

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

K-CB IMPROVED FILTRATION

1. PS 1005
2. FCB
3. FCBL



1. PS 1005 - high quality melt-blown propylene cartridge (5 mcr).
2. FCB - coconut shell carbon cartridge.
3. FCBL - activated carbon block cartridge.

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 chlorine, pesticides, herbicides and others. 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.

K-FE FILTRATION + IRON REMOVAL

1. PS 1005
2. FCFE
3. FCB



1. PS 1005 - high quality melt-blown propylene cartridge (5 mcr).
2. FCFE - ion exchange granulated cartridge (iron removal).
3. FCB - coconut shell carbon cartridge.

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.

ION EXCHANGE CARTRIDGES

ANTI-SCALE CARTRIDGES

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.

Item	FCST	FCST BB10	FCST BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, l/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

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.

Item	FCFE	FCFE BB10	FCFE BB20
Dimensions, inch	10 x 2 1/2	10 x 4 1/2	20 x 4 1/2
Productivity, l/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

FCPF - anti-scale polyphosphate crystals cartridge



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

NB! For process water only.

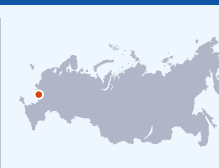
NEW

Item	FCPF
Dimensions, inch	10 x 2 1/2
Productivity, l/min.	6
Working temperature, °C	3-45
Lifespan, months	up to 12
Maximum pressure difference, mPa	0,2-0,4
Salt consumption, g/m3	0,4

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FH2P - 10" Filter Housing for Cold Water

Used for protecting pipes, plumbing and home appliances.

Mounted into cold water supply 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.

Model	FH2P 12 / FH2PN 12	FH2P 34 / FH2PN 34	FH2P 01 / FH2PN 01
Height, cm	30	30	30
Width, cm	12,5	12,5	12,5
In/out, inch	1/2"	3/4"	1"
Cartridge dimensions, inch	10 x 2 1/2	10 x 2 1/2	10 x 2 1/2
Working pressure, bar	6	6	6
Working temperature	2-45 °C	2-45 °C	2-45 °C
Housing	transparent/non-transparent	transparent/non-transparent	transparent/non-transparent

FH2P 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	FH2P HOT 12	FH2P HOT 34
Height, cm	30	30
Width, cm	12,5	12,5
In/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"		

FH2P DUO - 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 protection.

Lifespan of cartridge for drinking water will be longer.

Double transparent housings with brass threads and O-rings.

Different cartridges for different sediments.



Model	FH2P DUO 12	FH2P DUO 34	FH2P DUO 01
Height, cm	37	37	37
Width, cm	26	26	26
Depth, cm	14	14	14
In/out, inch	1/2"	3/4"	1"
Productivity, l/min	20-30	20-30	20-30
Cartridge dimensions, inch	10 x 2 1/2	10 x 2 1/2	10 x 2 1/2
Working pressure, bar	6	6	6
Working temperature	2-45 °C	2-45 °C	2-45 °C
Housing	transparent	transparent	transparent

Big Blue Filter Housing

Used for cottages and industrial enterprises water treatment.

Two parts (head and housing).

Large filter housing for high-flow.

Head is equipped with air valve for air release.

Different cartridges for different sediments.



Model	FHBB 1001	FHBB 2001
Height, cm	25	50
Width, cm	17,5	17,5
In/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
Housing	non-transparent	non-transparent

FPS-3 - 3-stage Water Filtration System



Features:
3-stage filtration
Cartridge lifespan: 6500 liters
Productivity: 5 l/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
Standard or improved carbon filtration – removal of heavy metals, chlorine, pesticides, herbicides and others.

Improves water taste and keeps natural water structure and mineral composition.

Special cartridges allow water softening.

Stage 3
Carbon filtration – removing heavy metals, chlorine, pesticides, herbicides and others.

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 systems)
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

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.



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.



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

Mag Filter – magnetic filter for water

Anti-scale, anti-corrosive water treatment. Pipe protection in water supply, heating, watering systems; protection of electrical appliances and plumbing equipment.

Features:
Working pressure: 8 atm
Max temperature: 90 °C
Capacity: 1100 l/h
Permanent magnet. Induction: 9000 Gauss

Polyphosphate Crystals

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

Anti-scale filter for water pipes and home appliances.



Packaging:
CP 05 – 0,5 kg in plastic box
CP 20 – 20 kg in bag

Polypropylene Spun Cartridges

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

Removing sand, rust, sediment, clay, mud, scales, suspension and other sediments.

Improve water quality, protect home appliances and equipment.

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

Longer lifespan.



Item	Dimensions, inch	Filtration, mcr	Productivity, l/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

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.



Item	Dimensions, inch	Filtration, mcr	Productivity, l/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