

FILTER PURE®

The comprehensive filter housing and cartridge range from Contamination Control Limited

FILTERPURE - Cartridges for Purification and Disinfection

ACTIVATED CARBON PURIFICATION cartridges are typically for removal of taste, odour, chlorine, pesticides, THMs and other organic chemicals. Along with activated carbon, other purification media can be used in a separate section inside the carbon cartridge in order to achieve removal of trace heavy metals, fluoride or for limescale protection - being various examples.

OTHER PURIFICATION MEDIA are also available for removal of nitrates, all dissolved salts or a wide variety of other contaminants.

DISINFECTION with polyiodinated resin - followed by an activated carbon stage and then followed by an iodex resin stage to remove residual iodides - is also available in 10" cartridge - see MCV-10.

ACTIVATED CARBON



Part No.	Length	Micron Rating	Max Flow (litres/min)	Capacity (litres)	Metals Removal	Typical Hygienic Life
AC-10	10"	5	8 lpm	30,000	No	6 Months
Activated Carbon - (granular) for reduction of chlorine (90%) and adsorption of chemicals, pesticides - also "Tastes and Odours".						
SAC-10	10"	5	8 lpm	30,000	No	Bacteriostatic
Silver Activated Carbon - (Bacteriostatic) - (granular) for reduction of chlorine (30,000 litres), adsorption of chemicals and pesticides.						
KDC-10	10"	5	4 lpm	30,000	Yes	Bacteriostatic
KDF/GAC Dual media: (Bacteriostatic) KDF for chlorine reduction and metals (lead, aluminium) GAC for adsorption of chemicals, pesticides, "Tastes and Odours".						
ACBM-10	10"	10	8 lpm	15,000	No	6 Months
ACBM-20	20"	10	20 lpm	30,000	No	6 Months
ACB-10	10"	5	8 lpm	25,000	No	6 Months
ACB-20	20"	5	20 lpm	50,000	No	6 Months
ACB-10 Jumbo	10"	5	20 lpm	70,000	No	6 Months
ACB-20 Jumbo	20"	5	40 lpm	140,000	No	6 Months
BPAC-5	5"	0.5*	2 lpm	11,500	No	6 Months
BPAC-10	10"	0.5*	4 lpm	75,000	No	6 Months
SBPAC-10	10" Bacteriostatic	0.5*	4 lpm	75,000	No	6 Months
BPAC-20	20"	0.5*	9 lpm	170,000	No	6 Months
BPAC-10J	10"	0.5*	10 lpm	190,000	No	6 Months
BPAC-20J	20"	0.5*	25 lpm	560,000	No	6 Months
Bonded Powdered Activated Carbon - for chlorine reduction, (90%) "Tastes and Odours". Highly effective for certain VOC's, pesticides (capacity depends on many variables). *Giardia safe.						
PPAC-10	10"	10	9 lpm	5,000	No	3 Months
PPAC-20	20"	10	19 lpm	11,000	No	3 Months
PPAC-10Jumbo	10"	10	30 lpm	11,000	No	3 Months
PPAC-20Jumbo	20"	10	40 lpm	26,500	No	3 Months
Polyester Pleated Powdered Activated Carbon for chlorine reduction (75%), "Tastes and Odours". Not recommended for VOC's, pesticides.						

Notes: - refer next page.



Technical information from CONTAMINATION CONTROL LIMITED,
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OTHER PURIFICATION MEDIA CARTRIDGES



AFAC-10



ACP-10



NRC-10



DIC-10



CERAC-10



MCV-10

Part No.	Length	Micron Rating	Max Flow (litres/min)	Capacity (Litres)	Metals Removal	Typical Hygienic Life
AFAC-10	10"	5	2 lpm	2,000 (Fluoride)	No	6 Months
Fluoride reduction & Granular Activated Carbon purification Active fluoride selective media for reduction of fluoride by 80-90% (1ppm feed). Granular Activated Carbon for reduction of chlorine. 2,000 litres/6 months typical family use.						
ACP-10	10"	5	6 lpm	6 Months Hexametaphosphate	No	6 Months
Activated Carbon and Hexametaphosphate Multi-media for Triple protection of your appliances (ice & boiling) GAC for chlorine reduction ; Phosphate crystals for limescale reduction. Phosphate life: 6 months. 5 micron filtration.						
NRC-10	10"	5	2 lpm	11,700 mg Nitrates	No	6 Months
Nitrate selective reduction resin (brine regenerable) Nitrate reduction is 90-95%; breakthrough not affected by sulphate. Capacity: 11,700 mg of nitrates as CaCO ₃ .						
DIC-10	10"	5	2 lpm	28,000 mg 10ppm feed/ 10meg-ohm break	Yes	6 Months
Deionising resin (Mixed bed) (non-regenerable) Designed to give multi meg-ohm quality water for analytical and general laboratory use. Capacity: 28,000 mg 10ppm feed to 10 meg-ohm break.						
HRC-10	10"	5	2 lpm	75,000 mg	No	6 Months
Softening cartridge (brine regeneration) Reduction of calcium and magnesium >90%. Capacity 750L at 100mg/L total hardness.						

DISINFECTION CARTRIDGES

CERAC-10	10"	0.4* Absolute	2 lpm	5,000 Chlorine	No	1 Year
Bacteria Safe filtration & GAC purification Ceramic micro-filter prevents passage of bacteria (cleanable/reusable) Granular Activated Carbon for adsorption of chemicals/pesticides. *Giardia safe.						
MCV-10	10"	1*	2 lpm	6,000 Disinfection	No	1 Year
Polyiodinated resin for killing harmful bacteria. Granular Activated Carbon for reduction of iodine and removal of pesticides. Iodex resin for removal of iodides. *Giardia safe.						

Notes:

1. Non-bacteriostatic cartridges should be changed every 3-6 months to maintain hygiene.
2. Except for the disinfection cartridges - no purification cartridge should be used with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit. Note: tank water collected from the roof has typically not been disinfected, the owner takes the risk knowingly.
3. Purification cartridges are typically not intended for particulate removal - on dirty water they would normally be preceded by a sediment removal filtration cartridge.
4. Unidirectional cartridges (ie. all cartridges except the BPAC and PPAC ranges) cannot be used in the LMO series housings that have a centre support rod.
5. All activated carbon cartridges may contain fines (minute carbon dust particles that are harmless) and these should be flushed to waste for 10 minutes at time of installation.
6. All activated carbon cartridges should be flushed for 10-15 seconds each time they are used.
7. Activated carbon cartridges should not be used above 50°C - with the exception of the BPAC series which are suitable for use up to 80°C.
8. The KDC-10 combination KDF and GAC cartridge should not be allowed to dry out once the media has become wetted - because the KDF media could commence oxidising and would eventually become coagulated and thus ineffective.



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