



## C A R T R I D G E T Y P E S

# CARBON X cartridges

*To meet varying needs and specialist applications, several types of Carbon X Cartridges are available. Only standard models are featured here; please ask for details of our full range.*

### TYPE CX

Ideal for use with water fountains, cold drinks, vending machines and post-mix equipment. This cartridge contains a carbon block which reduces by absorption many contaminants including chlorine, chloro-organic compounds, herbicides, insecticides, pesticides, organic acids and dissolved oil. The result is great tasting sparklingly clear, colourless, odourless water.

### TYPE HX PLUS

For applications that involve elevated water temperatures, typically for hot drink vending machines and hot water boilers. The HX cartridge is identical in specification to the CX cartridge excepting the inclusion of a food grade scale inhibitor and KDF media. This carefully developed combination has proved to be more effective in assisting to control the problems associated with

hard water than a cartridge utilising only polyphosphate. HX Plus cartridges are now even more effective at controlling scale formation which is notorious for blocking pipework and damaging equipment,

### TYPE KC

A multifunction cartridge with outstanding levels of performance. Can be used on water fountains, post mix equipment, hot drink vending machines, water boilers and water coolers.

The KC utilises a combination of KDF redox media and carbon block to combine the reduction of organic and inorganic contaminants into one unit. The combination makes the cartridge ideal for use when heavy metal reduction is required alongside that of chlorine, organic, chloro organic and dissolved organic contaminants.

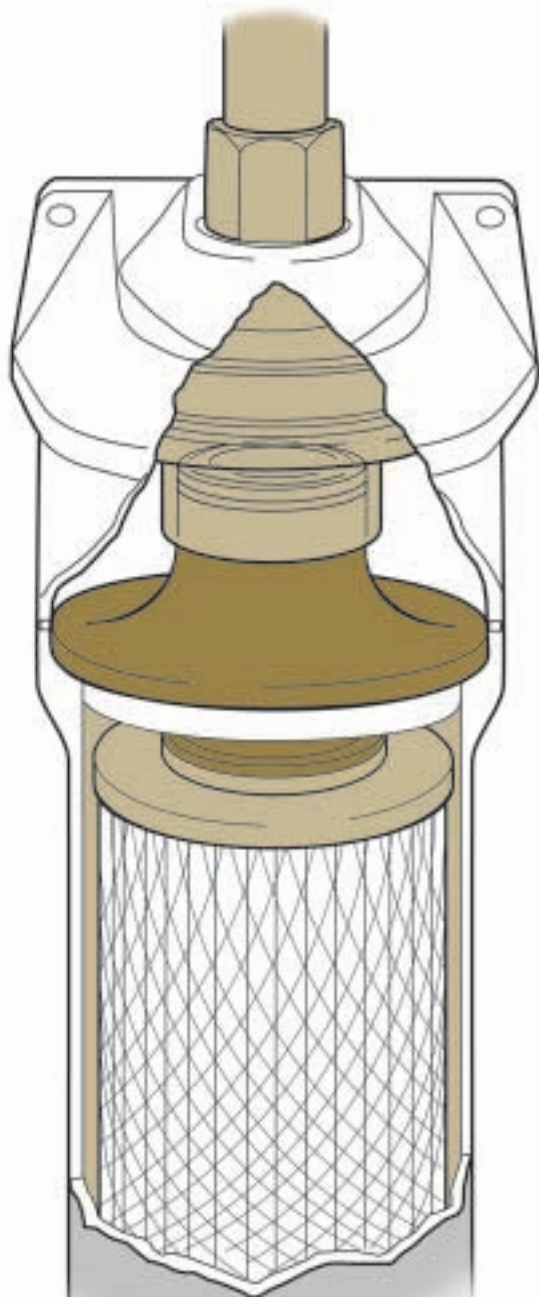
The KDF redox media operates under an oxidation reduction

reaction by a transfer of electrons. These reactions are generally accepted to be: chlorine, iodine, bromine and fluorine reduced by conversion; heavy metals are bonded to the cathode sites of the KDF media; ferrous iron is converted to the ferric form and filtered out and calcium and magnesium are converted to a soft filterable floc which reduces the tendency to form hard scale.

### TYPE XR

A combination cartridge with carbon block filtration and de-alkalisation media. The food grade ion exchange media acts to remove hardness minerals from the water supply whilst the carbon acts upon the chlorine and organic contaminants. Typical output for this cartridge is 250 litres. Ideal for small espresso coffee machines and any application that requires a softened supply.

# CARBON X cartridges



Filter media	Filter capacity	Chlorine reduction
<b>CARBON X CARTRIDGE Premium range</b>		
CX	Carbon block	7000L 95%
HX Plus	Carbon block/Polyphosphate/KDF	7000L 95%
KC	Carbon block/KDF	7000L 95%
XR	Carbon block/De-alkalisation resin	250L 95%
<b>CARBON X CARTRIDGE Ultrafine range</b>		
CX-1	Carbon block	7000L 95%
HX-1 Plus	Carbon block/Polyphosphate/KDF	7000L 95%
KC-1	Carbon block/KDF	7000L 95%
<b>CARBON X FILTER SYSTEM</b>		
Rated system flow	2 litres/min.	
Max. system flow	6 litres/min.	
Max. working temperature	38°C	
Max. working pressure (non shock)	8 bar g.	
System height (allow additional 50mm for cartridge exchange)	235mm	
System width	95mm	

Rated filter capacity based upon Chlorine removal at 2ppm max.

Distributed to the food industry by:

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