



**WHEN YOU NEED GREAT
TASTING DRINKING WATER
AT HOME, OFFICE OR IN ANY
COMMERCIAL CATERING
ENVIRONMENT**

.... TRUST THE EXPERTS!

www.beanonline.co.za

We all know that safe drinking water is non-negotiable in your home, office or catering establishment, but does your water taste great and is it suitable for water dispensers or for making coffee and ice? Our expert filtration systems:



Our range includes water filters for soft water areas through to areas with extensive calcium scaling issues and from home use applications though to industrial catering applications. Our commercial solutions include water filtration systems for coffee machines, ice machines and dishwashing equipment.



ABOUT OURSELVES AND OUR WATER FILTERS

We supply homes, offices, coffee shops, restaurants, caterers and hotels with water filtration solutions across South Africa using the Microfilter range of products. Microfilter was started in 1996 in South Korea as a dedicated water filter technology and manufacturing company. Today Microfilter supplies water filters across the globe and has been a supplier to Samsung and LG since 2007. With 127 patents and 56 registered designs, Microfilter is on the cutting edge of water filtration technology. Technology that not only brings high quality water to your lips but also protection for your equipment.

ACCREDITATIONS

Microfilter has attained performance and quality certifications from bodies such as NSF in the USA, WRAS and UKAS in the UK, WaterMark in Australia and CE across Europe.



FAMOUS BRANDS COFFEE COMPANY

Appointed the exclusive distributor for all Microfilter products in South Africa.



WHAT WE DO

We will assess your requirements, test your water at no cost and recommend a filtration solution that will meet your needs. Our trained technicians will then install your filtration system, test that it is providing you with suitable water quality and thereafter, provide any back-up servicing you require. We'll monitor your usage and ensure that when it is time to replace your filters, we'll let you know in good time.



OUR WATER FILTRATION RANGE

FX WATER FILTER RANGE

The FX range from Microfilter is specially designed to remove chlorine taste and odour components, cysts, bacteria and microplastics greater than 0.1 micron in size. This filter is far superior to traditional carbon block filters and can remove bacteria, cysts and microplastics due to the addition of an ultrafiltration membrane. Simple, quick-fit heads allow cartridge changes in a matter of seconds, leaving your equipment with greater uptime.

FX-10

Use: Reduction of chlorine taste and odour, cysts, bacteria and removal of microplastics larger than 0.1 microns. The FX-10 is our standard offering for water filtration in soft water areas. With exceptional filtration capacity, this filter will suit most applications.

SPECIFICATIONS:

HIGH CAPACITY (30 000 L)

HIGH FLOW (5.68 L/MIN)

PRESSURE 30 TO 125 PSI

TEMPERATURE TOLERANCE 4 TO 38°C

HEIGHT: 29.5 CM (INCL. HEAD ASSEMBLY)

DEPTH: 11 CM



PERFORMANCE AGAINST STANDARD TESTS:

PARAMETER	INFLUENT CONCENTRATIONS	REDUCTION REQUIREMENT % UNDER STANDARDS	AVERAGE % REDUCTION USING FX-10
Chlorine Taste and Odour	2mg/l \pm 10%	\geq 50%	97.3%
Nominal Particulate Class 1	Minimum 10000 particles/ml	\geq 85%	>99.9%
Cysts	Minimum 50 000 cysts/l	\geq 99.95%	>99.9%
Turbidity	11 \pm 1 NTU		>99.1%
Bacteriostatic	101 and 106 organisms (CFU/ml)		Pass
Microplastics particles 0.5 < 0.1 μ m	At least 10 000 particles/ml	>85%	>99.9%

Tested against NSF/ANSI 42, NSF/ANSI 53 and NSF/ANSI 401

FX15 FOR ICE MACHINES

This water filter has been designed with four functions in mind:

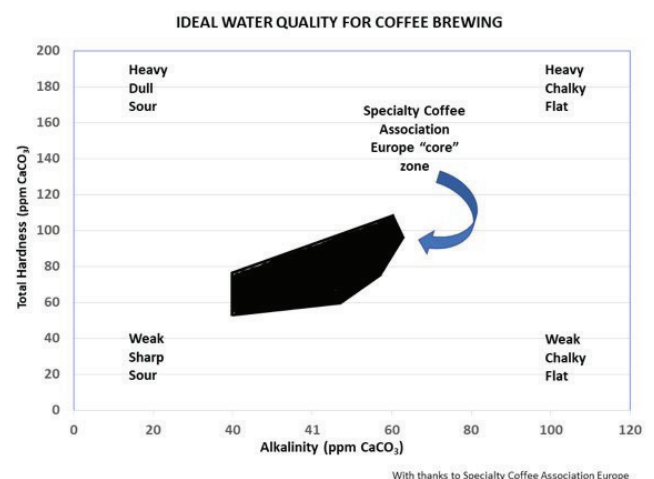
- To remove minerals and impurities in the water that interfere with the crystallization of ice and ensure clean and clear ice is formed.
- To remove the scale forming calcium ions which are responsible for decreasing efficiency and equipment life.
- To remove chlorine components that cause bitterness in the ice and corrosion of metal components, especially ice buckets.
- To remove micro-plastics, cysts and bacteria at the same time to ensure safer water.

The filter has a micron rating of 0.1um and a capacity of 60 000 litres in soft water areas. A quick-change EP head assembly allows rapid changing of filters in minutes and will keep your ice making equipment in great condition while supplying ice that forms well, tastes good and is safe to use.



WHY WATER QUALITY MATTERS WHEN MAKING COFFEE

Don't think you'll be making great coffee without the right quality water. Coffee is 98.75% water great beans mean nothing without great water! The Specialty Coffee Association of Europe sets a very specific range of water quality parameters for optimal coffee making. Then you also need to consider the impact of your water quality on your equipment. Water quality varies from place to place and your water can have properties that make it anything from highly corrosive, through neutral to highly scale forming. So it is essential to use the correct filtration systems to attain the right water quality for coffee making. We will test your water at no cost and recommend the perfect filtration system to offer you the water quality that falls within the Specialty Coffee Association guidelines and which protects your equipment from the negative impacts of calcium scale build up.



VH-IEN WATER FILTER RANGE

The VH-IEN range is specially designed for scale reduction and offers Microfilters pH stabilising ion exchange resin technology and variable head technology. The simple design allows water by-pass levels to be set to suit water quality inflow and outflow requirements. The water filter range has three variants: the VH-IEN 3000, 6000 and 9000 which are able to effectively treat 3000, 6000 and 9000 litres of water at a hardness level of 10dH (178ppm).

As with the FX range, quick fit heads and easy bypass selection design, allows the cartridge to be changed and the bypass set, in a matter of seconds.

Use: Reduction of scale, chlorine, taste and odour and removal of microplastics larger than 0.1 microns The VH-IEN is our standard offering for water filtration in hard water areas or where the Langlier Saturation Index is above 0.7, which is considered the upper limit for best quality water in coffee and ice making.

SPECIFICATIONS:

High capacity (3 000 l to 9000 l at 10°dH (178ppm) hardness) at bypass Level 3

Flow rates of 1~ 1.7 l/min (VH-IEN 3000 and 6000 – 1 l/min; VH-IEN 9000 – 1.7 l/min)

Pressure 30 to 100 psi

Temperature tolerance 4 to 38°C

Height: 40.6/40.8/54.9 cm for VH-IEN 3000/ 6000/9000 (incl. head assembly)

Depth: 11.9/15.1/15.1 cm for VH-IEN 3000/ 6000/9000 (incl. head assembly)



	FX10	FX15	VH-IEN 3000	VH-IEN 6000	VH-IEN 9000
Application:	Coffee Machines; Water Dispensers; Dishwashers; Steamers etc in softer water areas	Ice Machines	Coffee Machines; Water Dispensers; Dishwashers; Steamers etc in harder water areas		
Designed for Reduction of:	Chlorine, taste, odour, particulate matter, cysts and bacteria	Scale inhibition, chlorine taste & odour, particulate matter, cysts and bacteria	Scale, chlorine, taste, odour, particulates		
Advantage:	Contains an ultrafiltration membrane capable of removing bacteria such as e.coli	Long lifespan with scale reduction and particulate removal for better ice crystal formation	pH stabilising ion exchange resin + activated carbon + bypass head		
Certification:	NSF/ANSI 42, 43 (ANSI 401 for FX Series for micro plastics reduction)				
Similar Filters:	Brita Purity C50 Fresh (15 000 litres)	Everpure i2000 (34069 litres)	BWT Best Max Smart (2 700 litres)	Brita Purity Quell C500 (5 889 litres)	Brita Purity Quell C1100 (9 960 litres)
Rated capacity at hardness 10°dH (178 ppm)	30 000 litres	60 567 litres	3 000 litres at bypass level 3	6 000 litres at bypass level 3	9 000 litres at bypass level 3



ACCESSORIES

FILTER HEADS

FX RANGE:

The FX range of water filters can be fitted with the Microfilter 0% bypass head. This is a “quick fit” head that can be fitted without having to turn off the water supply. The head is designed to accept 3/8” quick fit tubing.



VH-IEN RANGE:

The VH-IEN range of water filters requires a variable bypass head which offers bypass settings from 0% to 70%. The head offers “quick fit” capability with auto water shutoff. Water bypass settings can be selected by simply turning a selection dial on the head assembly. The head is designed to accept 3/8” quick fit tubing.

SERVICE CARTRIDGES

Descaling your coffee machine and other machinery usually requires turning off the water supply, if not the manual removal of the boiler and other parts. No longer! Our service cartridges allow you to:

- Remove the existing water filter from its head housing without turning off the water.
- Replace it with the service cartridge that you fill with your descaling solution.
- Let the water flow circulate your descaling solution throughout your equipment.
- When descaling is complete, simply remove the service cartridge, replace your original water filter, and flush the system with clean water.



This simple solution allows you to descale your equipment at regular intervals without any hassle. In fact you don't even have to turn the water supply on or off.



FLOWMETER

For accurate measurement of water flow and total litres filtered, we recommend the DigiFlow 6710M water flowmeter. This flowmeter displays l/m and total litres up to 99 999l. It is designed to accept 3/8” quick fit tubing.



CONTACT US

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