



AUTO-BACKWASH CARBON FILTER • HEAVY-DUTY

Auto-Backwash Carbon Filter

A heavy-duty, fully assembled filtration unit built around a 10" × 54" pressure vessel with a CE 1" control valve. It is reliable, automated and flexibly configurable for residential estates, commercial facilities and industrial pre-treatment, ideal with granular activated carbon.

10"×54"

CE 1" VALVE

AUTO-BACKWASH

BF1054CE1



WHY SPECIFY IT

Heavy-duty, fully assembled.

A complete, ready-to-load filtration unit with user-friendly operation, automation and flexible configuration, ideal when paired with granular activated carbon or media such as Birm, Filter-Ag or Centaur.



Complete assembly

Includes the CE 1" control valve, meter assembly, DLFC, distributor sets, drain fitting, funnel and power supply, ready for media loading.



Flexible programming & scaling

Time- or volume-based regeneration, with standalone, twin, duplex or 2-6 unit configurations and an optional Clack system controller.



Activated carbon media

Designed for AquaSorb® CS coconut-shell GAC for rapid dechlorination, THM and organics removal, NSF/ANSI 61 certified.

10×54"

PRESSURE VESSEL

1"

CE CONTROL VALVE

2–6units

SCALABLE

1000mg/g

IODINE NO.

GAC

AquaSorb® CS

Coconut-shell activated carbon

AquaSorb® CS is a high-activity granular activated carbon, steam-activated from select coconut-shell charcoal. Its enhanced microporosity suits the removal of low-molecular-weight organics, chlorinated by-products and oxidising agents such as chlorine and ozone, with superior mechanical hardness and low dust.

SPECIFICATIONS

Technical detail.

Model	BF1054CE1	Media	AquaSorb® CS GAC
Datasheet ref	SWC-BF-1054CE1-25-R0	Base material	Coconut shell
Type	Auto-backwash filter	Iodine number	min. 1000 mg/g
Pressure vessel	10" × 54"	Surface area (BET)	1050 m²/g
Control valve	CE 1"	Apparent density	510 kg/m³
Regeneration	Time or volume	Ball-pan hardness	min. 98%
Configuration	Standalone / twin / duplex	Menu languages	EN · DE · FR · UK
Power	230 V · 50/60 Hz · 30 W	Certifications	NSF/ANSI 61 · EN12915

Control valve CE 1"  Programmable regeneration, adjustable cycles, twin/duplex control.	Regeneration Time / volume  Delayed, immediate or both, programmed to demand.	Scalable 2-6 units  Standalone, twin or duplex with optional Clack controller.
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HOW IT WORKS

Filter, then self-clean.

01 Feed water in	02 10×54" carbon bed	03 Adsorption	04 Auto-backwash regen	05 Filtered out
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SCOPE OF SUPPLY

What we provide.

- ✓ 10" × 54" pressure vessel with CE 1" control valve
- ✓ Meter assembly, DLFC and distributor sets
- ✓ Drain fitting, funnel and power supply
- ✓ Optional Clack system controller (twin / duplex / 2-6 units)
- ✓ AquaSorb® CS activated carbon media (specify on order)
- ✓ Optional Comprehensive Maintenance plan

Where it fits best

Ideal for residential estates, commercial facilities or as pre-treatment in industrial systems, particularly when paired with granular activated carbon or media such as Birm, Filter-Ag or Centaur.

[COMMERCIAL · BY QUOTE](#)

REQUEST A QUOTE

Specify the Auto-Backwash Carbon Filter for your site.

British-engineered, European-manufactured. UK · Middle East · Europe.

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