

# BWT Jumbo Filter Systems

Single, Twin & Triple - Whole House / Commercial use

PSJ Jumbo Filter Systems are the ideal solution for whole-house and small commercial or industrial water filtration applications. Equipped with large 1" BSP inlet and outlet ports, these systems deliver high flow rates and impressive capacity performance. BWT Jumbo housings are compatible with a wide range of Jumbo filter cartridges, making them highly adaptable to suit the specific demands of your application.

Designed to connect seamlessly to mains or pumped water supplies, BWT Jumbo Systems are straightforward to maintain and competitively priced. For optimal performance, cartridge replacement is recommended every 12 months, though this may vary depending on the application and usage requirements.

## Features & Benefits

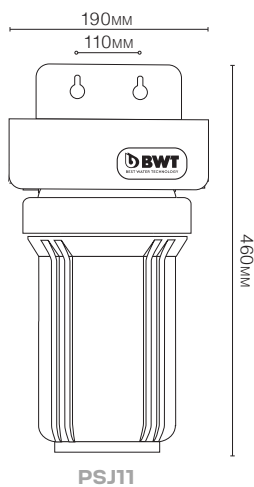
- Includes mounting bracket, screws, & sump wrench
- Housings have a gauge mounting port and pressure vent
- Various configurations to suit all applications
- Reduces sediment, chlorine, taste / odour depending on filter cartridges selected
- 1" BSPF reinforced inlet / outlet ports



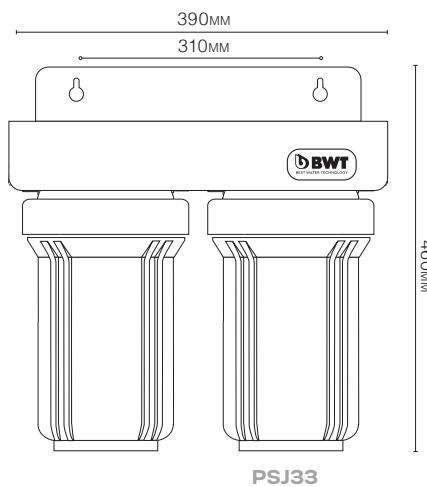
PSJ MODEL	PSJ11	PSJ33	PSJ21	PSJ44	PSJ66
<b>BWT CODE</b>	B21BNOAA	F21BNOAA	D21BNOAA	H21BNOAA	L25BNOAAA
<b>REECE CODE</b>	1911262	1911270	1911263	1911264	1911927
<b>CONFIGURATION</b>	1 high Jumbo	1 high Twin Jumbo	2 high Jumbo	2 high Twin Jumbo	2 high Triple Jumbo
<b>MIN/MAX PRESSURE</b>	250 – 1205 kPa	250 – 1205 kPa	250 – 1205 kPa	250 – 1205 kPa	250 – 1205 kPa
<b>MIN/MAX TEMPERATURE</b>	4 – 40° C	4 – 40° C	4 – 40° C	4 – 40° C	4 – 40° C
<b>CONNECTIONS</b>	Inlet/Outlet 1" BSPF	Inlet/Outlet 1" BSPF	Inlet/Outlet 1" BSPF	Inlet/Outlet 1" BSPF	Inlet/Outlet 1" BSPF
<b>DIMENSIONS</b>	480mm (H) x 220mm (W)	480mm (H) x 420mm (W)	780mm (H) x 220mm (W)	780mm (H) x 420mm (W)	780mm (H) x 590mm (W)



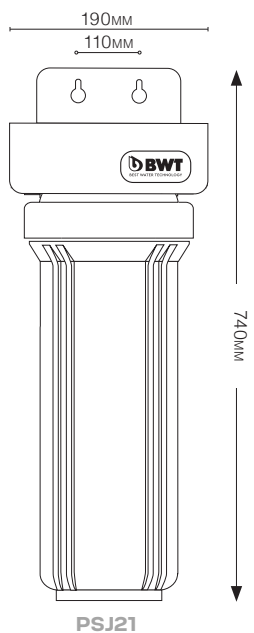
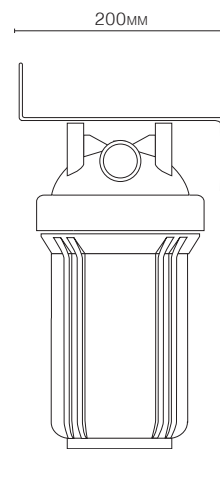
### System Dimensions



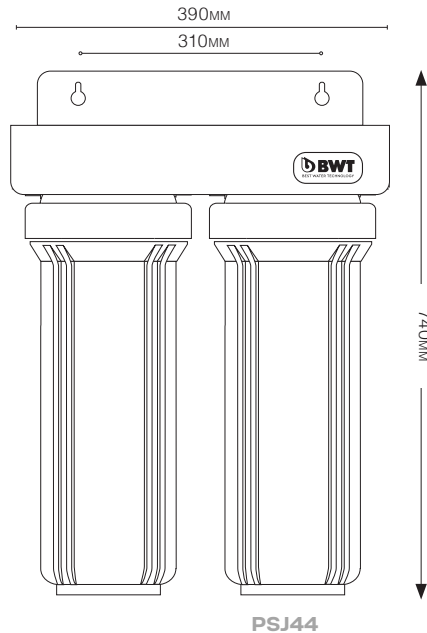
PSJ11



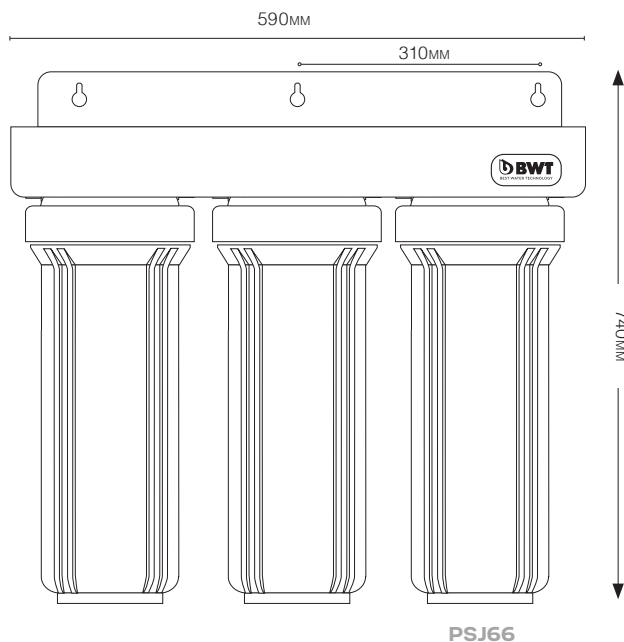
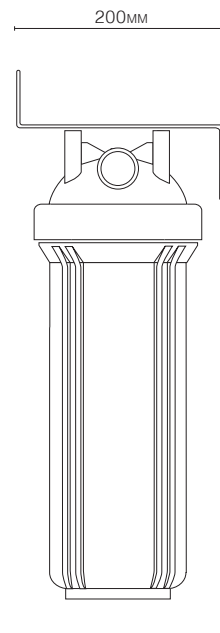
PSJ33



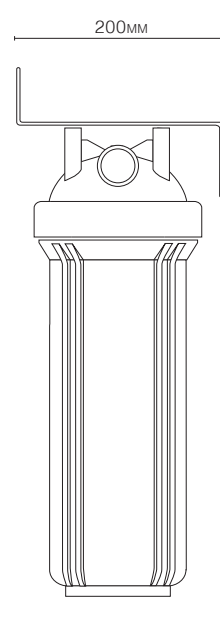
PSJ21



PSJ44



PSJ66



# BWT Jumbo Filter Cartridges

for single, twin & triple Systems

A comprehensive range of filter cartridges is available for use with both single and twin Jumbo systems, catering to virtually all filtration applications. Single Jumbo systems offer an economical filtration solution, while twin Jumbo systems provide more thorough filtration by passing water through two distinct stages; a primary sediment pre-filter followed by a secondary carbon filtration stage. Depth-style filters deliver superior filtration performance, capturing contaminants throughout the full depth

of the filter media rather than just at the surface. Depth filter cartridges such as Polyspun Sediment and Fibron Carbon Block filters are engineered for mains pressure applications. Pleated Sediment and Pleated Carbon filters are suited to lower-pressure applications, including rainwater tank systems. Filter cartridges are available across a range of micron ratings (porosity levels) to precisely match the requirements of your application.



## Polyspun Sediment Cartridge

Polyspun sediment cartridges are effective in the removal of dirt, rust, sand, silt and other particles. Polyspun cartridges are a depth media filter requiring mains pressure for operation. Made from spun polypropylene, these filter cartridges provides premium filtration performance.



## Pleated Sediment Cartridge

Pleated sediment cartridges are designed for sediment reduction in low pressure applications such as non mains or rainwater tank supply. Made from polypropylene these filters have a low pressure drop and are ideal prefilters.



## Fibron & Carbon Block Cartridge

Fibron cartridges are molded blocks of activated carbon and synthetic fibres formed into a depth media for premium filtration performance. Highly effective at reducing sediment, chlorine, taste & odour. Standard carbon block cartridges have an extruded block and offer good value performance. All these Carbon cartridges reduce chlorine, organic matter and taste & odour from potable water.



## Pleated Carbon Cartridge

Pleated carbon cartridges offer unique filtration of sediment, chlorine, taste & odour. Ideal for low pressure rainwater tank filtration for point of use or whole house applications.



## Scale Plus+ Cartridge

These cartridges are ideal for reducing scale from forming in hot water systems and kettles and water lines. Used in areas where the water is hard. Polyphosphate is a food grade product that inhibits scale formation & corrosion.

### Jumbo Polyspun Sediment Cartridges

BWT CODE	REECE CODE	DESCRIPTION	HIGH	HEIGHT	WIDTH	MICRON	FLOW RATE	APPLICATION
PS1W	1911247	BWT 10" Jumbo Polyspun sediment	1	252mm	110mm	1	<30lpm	Mains water
PS5W	1911248	BWT 10" Jumbo Polyspun Sediment	1	252mm	110mm	5	<30lpm	Mains water
PS10W	1911249	BWT 10" Jumbo Polyspun Sediment	1	252mm	110mm	10	<30lpm	Mains water
PS20W	1911250	BWT 10" Jumbo Polyspun Sediment	1	254mm	110mm	20	<30lpm	Mains water
PS5W20	1911251	BWT 20" Jumbo Polyspun Sediment	2	508mm	110mm	5	<50lpm	Mains water
PS20W20	1911252	BWT 20" Jumbo Polyspun Sediment	2	508mm	110mm	20	<50lpm	Mains water
PS50W20	1911253	BWT 20" Jumbo Polyspun Sediment	2	508mm	110mm	50	<50lpm	Mains water

### Jumbo Pleated Sediment Cartridges

BWT CODE	REECE CODE	DESCRIPTION	HIGH	HEIGHT	WIDTH	MICRON	FLOW RATE	APPLICATION
PL5W	1911273	BWT 10" Jumbo Pleated Sediment	1	245mm	114mm	5	<30lpm	Rain water
PL10W	1911265	BWT 10" Jumbo Pleated Sediment	1	245mm	114mm	10	<30lpm	Rain water
PL20W	1911246	BWT 10" Jumbo Pleated Sediment	1	245mm	114mm	20	<30lpm	Rain water
PL5W20	1911274	BWT 10" Jumbo Pleated Sediment	2	504mm	114mm	5	<50lpm	Rain water

### Jumbo Pleated Carbon Cartridges

BWT CODE	REECE CODE	DESCRIPTION	HIGH	HEIGHT	WIDTH	MICRON	FLOW RATE	APPLICATION
CP10W	1911243	BWT 10" Jumbo Pleated Carbon	1	245mm	114mm	10	<60lpm	Rain water
CP10W20	1911244	BWT 20" Jumbo Pleated Carbon	2	504mm	114mm	10	<110lpm	Rain water

### Jumbo Carbon Cartridges

BWT CODE	REECE CODE	DESCRIPTION	HIGH	HEIGHT	WIDTH	MICRON	FLOW RATE	APPLICATION
CB10W10	1911245	BWT 20" Jumbo Carbon Block	1	250mm	114mm	10	<20lpm	Mains water
CB10W20	1911246	BWT 20" Jumbo Carbon Block	2	504mm	114mm	10	<30lpm	Mains water
FB5W	1911241	BWT 10" Jumbo Fibron Carbon Block - high capacity	1	248mm	114mm	5	<20lpm	Mains water

### Jumbo Scale Cartridges

BWT CODE	REECE CODE	DESCRIPTION	HIGH	HEIGHT	WIDTH	MICRON	FLOW RATE	APPLICATION
SCW20	TBA	BWT 20" Jumbo Scale+ inhibition	2	245mm	114mm	10	<30lpm	Mains water

\* FLOW RATE - Jumbo Cartridges are designed for effective performance at whole house (multi point) flow rates.

# BWT Polyspun Sediment

## JUMBO filter cartridge



2 High

1 High

### Features & Benefits

- Graded density profile for effective filtration
- Effective particle removal efficiency
- Range of porosities to suit application
- Individually wrapped, sealed and labelled
- Pure polypropylene construction - food grade
- Competitive value product

### Application

- Domestic Whole House System
- Commercial high flow
- Light industrial
- Chemical - check compatibility
- Prefiltration
- Sea water

Large diameter BWT Polyspun sediment series cartridges are designed for high flow rate and high sediment load applications. The cartridges are constructed with multiple layers to provide effective depth filtration which captures particles throughout the entire cross section of the cartridge, which also reduces surface blinding. Polyspun filters are manufactured from 100% pure polypropylene fibers and will not impart taste, odour or colour to the liquid being filtered. These cartridges combine quality and cost effectiveness to provide excellent filtration value.

### Specifications

- Micron rating: 1, 5, 10, 20, 50 micron (nominal)
- Materials of construction: 100% polypropylene
- Length: 254mm or 508mm
- Width: 110mm
- Maximum operating temperature: 40°C
- Flow rate: < 30lpm 1 high | < 50lpm 2 high
- Not for use in water that is microbiologically unsafe or of unknown quality without adequate disinfection

CODE	REECE CODE	MICRON	HIGH	LENGTH	WIDTH
PS1W	1911247	1	1	254mm	110mm
PS5W	1911248	5	1	254mm	110mm
PS10W	1911249	10	1	254mm	110mm
PS20W	1911250	20	1	254mm	110mm
PS5W20	1911251	5	2	508mm	110mm
PS20W20	1911252	20	2	508mm	110mm
PS50W20	1911253	50	2	508mm	110mm

# BWT Pleated Sediment JUMBO filter cartridge



2 High

1 High

## Features & Benefits

- High surface area – low pressure drop and high flow rates
- Range of porosities to suit application
- Individually wrapped, sealed and labelled
- Pure polypropylene construction - food grade
- Competitive value product

## Application

- Domestic Whole House System
- Commercial high flow
- Light industrial
- Chemical - check compatibility
- Prefiltration
- Sea water

Pleated filter cartridges are designed for high flow and / or low pressure applications in light sediment areas. Very suitable for rainwater tanks. Pleated cartridges do not provide the same contaminant removal performance of standard 'depth' type filter cartridges.

## Specifications

- Micron rating: 5, 10, 20 micron (nominal)
- Materials of construction: Food Grade polypropylene and media
- Temperature range: 4 – 40°C (not for use in hot water)
- Duty: PL for reduction of sediment, turbidity, particles
- Flow rate: <30 lpm 1 high | <50 lpm 2 high
- Filter cartridge change: 12 months max
- Length: 254mm or 508mm
- Diameter: 114mm

CODE	REECE CODE	MICRON	HIGH	LENGTH	WIDTH
PL5W	1911273	5	1	254mm	114mm
PL10W	1911265	10	1	254mm	114mm
PL20W	1911518	20	1	254mm	114mm
PL5W20	1911274	5	2	508mm	114mm
PL10W20	1911266	10	2	508mm	114mm
PL20W20	1911519	20	2	508mm	114mm

# BWT Fibron & Carbon

## JUMBO filter cartridge



2 High

1 High

### Features & Benefits

- Food grade activated carbon to reduce chlorine, organic matter and taste/odour
- Effective particle removal efficiency
- Individually wrapped, sealed and labelled
- Competitive value product

### Application

- Domestic Whole House System
- Commercial high flow
- Light industrial
- Chemical - check compatibility
- Prefiltration
- Sea water

BWT's large diameter carbon filter cartridges are engineered for applications requiring high flow rates and heavy sediment loads. Two styles of cartridge are available: **Premium** - Fibron Cartridges integrate activated carbon with a moulded fibre matrix, delivering low pressure drop, maximum performance, and exceptional capacity.

**Standard** - Carbon Block Cartridges Featuring an extruded block construction, these cartridges offer reliable, high-quality performance at an outstanding value.

All carbon cartridges effectively reduce chlorine, organic matter, and taste and odour impurities from potable water. Manufactured specifically for drinking water applications, they strike the ideal balance between quality and cost-effectiveness, ensuring excellent filtration value.

### Specifications

- Micron rating: 5, 10 micron (nominal)
- Materials of construction: Activated carbon and Polyolefin fibres
- Length: 254mm or 508mm
- Width: 114mm
- Maximum operating temperature: 40°C
- Flow rate: < 30lpm 1 high | < 50lpm 2 high
- Not for use in water that is microbiologically unsafe or of unknown quality without adequate disinfection

CODE	REECE CODE	MICRON	HIGH	LENGTH	WIDTH
FB5W	1911241	5	1	254mm	114mm
CB10W10	1911245	10	1	254mm	114mm
FB5W20	1911242	5	2	508mm	114mm
CB10W20	1911246	10	2	508mm	114mm

# BWT Pleated Carbon

## JUMBO filter cartridge



2 High



1 High

### Features & Benefits

- High surface area – low pressure drop and high flow rates
- Food Grade - Polyolefin fibre and activated carbon
- Individually wrapped, sealed and labelled
- Competitive value product

### Application

- Domestic Whole House System
- Commercial high flow
- Light industrial
- Chemical - check compatibility
- Prefiltration
- Sea water

Pleated Carbon filter cartridges are designed for high flow and / or low pressure applications. Very suitable for rainwater tanks. Pleated cartridges do not provide the same contaminant removal performance of standard 'depth' type filter cartridges.

### Specifications

- Micron rating: 10 micron (nominal)
- Materials of construction: polyolefin fibres and activated carbon
- Temperature range: 4 – 40°C (not for use in hot water)
- Duty: CP for reduction of sediment, chlorine, taste/odour, & organic matter
- Flow rate: <30 lpm 1 high | <50 lpm 2 high
- Filter cartridge change: 12 months max
- Length: 254mm or 508mm
- Diameter: 114mm

CODE	REECE CODE	MICRON	HIGH	LENGTH	WIDTH
CP10W	1911243	10	1	254mm	114mm
CP10W20	1911244	10	2	508mm	114mm

# BWT Scale Plus+

## Scale Inhibition JUMBO filter cartridge



2 High

### Application

- Domestic Whole House System

### Certifications

- NSF42 Drinking Water Treatment - materials only
- NSF60 Drinking Water Treatment - chemicals
- IAPMO/ANSI Z601-2018
- IAPMO Z-601

Scale Plus+ media passes a 96% scale reduction performance at 26 grains hardness water at 74°C at a flow rate of 3.8lpm

Scale Plus+ is engineered to inhibit scale build-up and formation of deposits in pipes and appliances.

Scale Plus + is also used to form a protective coating on metal surfaces and provide corrosion protection against acidity, alkalinity, and many other mineral salts which may lead to the "rusting out" of water system pipes and equipment.

This innovative solution not only prolongs the lifespan of your household appliances but also helps maintain the high quality of your homes pipe work and drinking water.

### Specifications

- Materials of construction: Polyphosphate beads & Polystyrene Shell
- Temperature range: 4 – 40°C (not for use in hot water)
- Duty: Scale Inhibition - home applications
- Flow rate: <30 lpm 2 high
- Filter Life: checked annually for top up
- Length: 508mm
- Diameter: 114mm

### Features & Benefits

- High Flow non-clogging with slow dissolving media, for a safe and constant Scale inhibition results
- Food Grade - Polyphosphate media & Polystyrene Shell
- Refillable cartridge
- Individually wrapped, sealed and labelled

CODE	REECE CODE	HIGH	LENGTH	WIDTH
SCW20	TBA	2	508mm	114mm