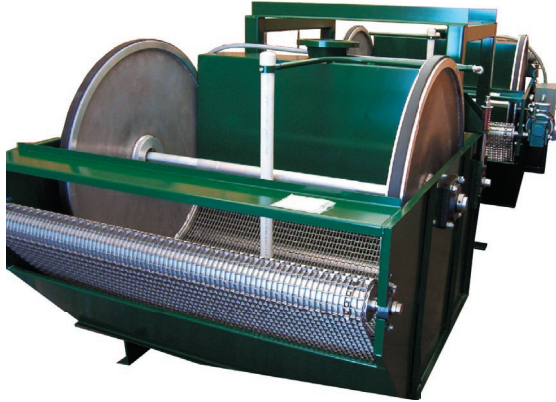


# Continuous - BWC



The BWC provides a highly efficient and reliable means of removing solids from process liquids. This filter is a non pressurized system which is economical and easy to operate. It can handle occasional system upsets or overloads without blinding the filter media.

The BWC filter is a fully automatic system that ensures efficient cleaning of any process fluid. It optimizes the amount of media used at the same time. The solids are discharged as a cake for easy handling and disposal.

The liquid to be filtered is pumped or gravity fed into inlet. It is then distributed to the floodbox which slows the velocity and discharges the liquid over

the entire width of the filter media. The liquid filters through the media, and the solids are left behind collecting on the filter media surface. The clean liquid is discharged through the outlet into a tank or discharged into an open system.

As the solids are collected on the filter media, the liquid level rises to a preset level. A level sensor initiates an index cycle and fresh media is indexed displacing a portion of the spent media. The media is then discharged to waste.

## Specifications

Flow Range:	up to 600 gpm (2271 L/min)*
Construction Material:	carbon steel with polyester powder coat or stainless steel
Conveyor Material:	304 stainless steel
Seal Wheels:	aluminum or stainless steel

## Model Code

### How to Build a Valid Model Number for a Schroeder BWC:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
BWC						

**Example:** NOTE: One option per box (except box 6)

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	
BWC	70	AL	CS	N	C	S	= BWC70ALCSNCS

BOX 1	BOX 2*	BOX 3	BOX 4	BOX 5
<b>Filter Series</b>	<b>Size</b>	<b>Wheel Material</b>	<b>Housing Material</b>	<b>Wheel Seals</b>
<b>BWC</b>	70 70 gpm 145 145 gpm 210 210 gpm 275 275 gpm 300 300 gpm 350 350 gpm 400 400 gpm 500 500 gpm 600 600 gpm	AL Aluminum SS Stainless Steel	CS Carbon Steel SS Stainless Steel	N Neoprene T Teflon

### BOX 6

Adder Options	
None	Omit
C	Top Cover
O	Cover w/ Safety Shut-off
D	Contamination Dryer
L	Low Media Sensor w/ Light
M	Media Recovery System
S	Stand
W	Waste Media Collection Bin

\* Flow rate size based on water and 1 ounce media