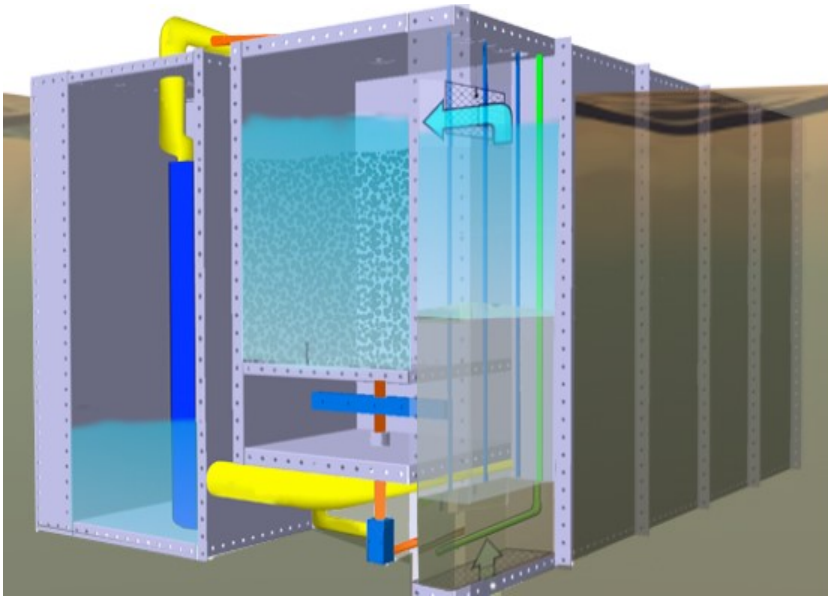


### QUAD BARRIER™ MODEL 2 MEDIA FILTER

**SIMPLE, HIGHLY RELIABLE, STAINLESS STEEL, LOW ENERGY, CONTINUOUSLY CLEANED MEDIA FILTRATION OF SUSPENDED SOLIDS**



Conceptual Drawing of Model 2 under water

#### QBM 2– Floating

##### CAPACITIES AND DIMENSIONS

MODEL	GPD	GPM	L	W	H
QBM 2-09	90,720	63	10'1"	72"	72"
QBM 2-11	110,880	77	12'1"	72"	72"
QBM 2-13	131,040	91	14'1"	72"	72"

Capacities may vary depending on turbidity

Model 2 width does not include pontoons

### HIGHLIGHTS

- Adding Quad Barrier filters to existing clarifiers increase filtration throughout and superior quality filtrate without adding new clarifiers or filter beds.
- Filter removes suspended solids and reduces biological oxygen demand by 45%.
- Long life media, reduction of pretreatment chemicals and total power consumption of less than 9 watts per thousand gallons of filtrate. Delivers the lowest available operating and total cost of ownership.
- Rugged 304 stainless steel construction. 316 stainless steel option.
- As floating intake, filtration reduces fouling of membranes and other plant equipment.

### FEATURES AND BENEFITS

- Fully automatic backwash with continuous production of filtered water.
- Total operating power required less than 9 watts per thousand gallon filtered
- Modular construction
- Removes fine suspended solids
- Media engineered to customer application





# Quad Barrier™ Filtration

## QUAD BARRIER™ MODEL 2 MEDIA FILTER

### SPECIFICATIONS

<b>POWER REQUIREMENTS</b>	480 V three phase. 220V or 208V options available.
<b>FILTRATION MEDIA</b>	Media has been specifically developed to give superior results when used with Quad Barrier™ proprietary coagulation chamber.
<b>QBM 2 FLOTATION</b>	Model 2 is designed to float in its source water (river, lake, storm water basin, municipal treatment pond, etc.) Flotation and anchoring are custom designed to fit the individual application. Dimensions shown DO NOT include flotation.
<b>BACKWASH</b>	Fully automatic. No outside source of backwash water is required. The Quad Barrier™ system produces its own backwash which is controlled by the onboard PLC.
<b>CONTROLS</b>	Allen Bradley Mico PLC and components, Gould pump, ASCO valves and Global Splash patented valves.
<b>WARRANTY</b>	One year parts and labor. Component manufacturer warranty applies after first year. See Global Splash standard terms and conditions of sale.
<b>OPTIONS</b>	Cloud based remote monitoring. 316 Stainless steel, UV disinfectant, portable intake, air conditioned control box, 220V or 208V, Siemens controls.

APPLICATION	POWER CONSUMPTION	MATERIALS OF CONSTRUCTION
Tertiary treatment	Less than 9 watts per thousand gallon of filtrate	304 Stainless Steel
Effluent reuse		Main Pump:Gould
Surface Water intake filtration	<b>LIFE OF MEDIA</b>	Valves: Asco
Potable water (turbidity & color)	10 year	Controls: Allen Bradley
Prefilter for membrane		
	<b>WARRANTY</b>	<b>UNIT WIDTH</b>
<b>PROCESS SPEED</b>	1 year warranty	6 feet without floats, 12 feet with floats
63 to 91 GPM	Component manufacturer warranty applies	
Modular construction can accommodate unlimited GPD	after first year	<b>UNIT LENGTH</b>
		10 to 14 feet
<b>BACKWASH</b>	<b>MAINTENANCE REQUIREMENTS</b>	
Fully automatic	Minimal maintenance	
A small amount of filtrate is used for		
continuous backwash		

