



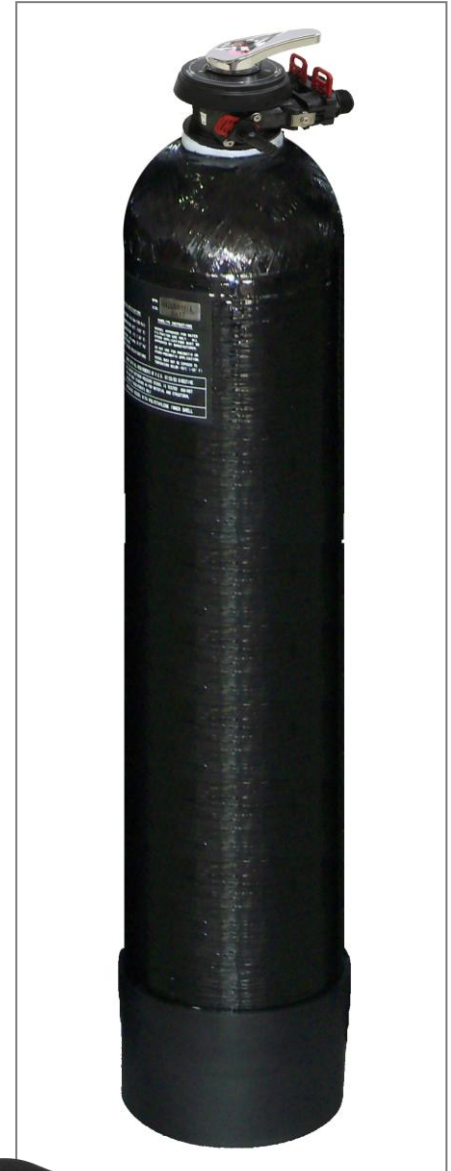
Cleanest water for your applications!

KATALYST LIGHT®

ADVANCED FILTRATION SYSTEMS

ADVANTAGES:

- ❖ Higher Filtration rates
- ❖ Filtration of sand, sediment and suspended solids
- ❖ High efficiency removal capacity of Iron, Manganese and Hydrogen sulfide
- ❖ Effective reduction of Arsenic, Zinc, Copper, Lead, Radium, Uranium, radio nuclides and other heavy metals.
- ❖ Media replacement every 7 - 10 years
- ❖ Reduced foot prints, reduced space
- ❖ No disinfected by-product
- ❖ No KMnO₄, chlorine or chlorine dioxide dosing.
- ❖ Low operational costs
- ❖ Unique product, unmatched by our competitors
- ❖ No electricity or pumps are required
- ❖ Low sewage costs
- ❖ Simple and hassle free Manual backwash*



Watch® **Katalyst Light**® systems offer a new technology with advanced catalytic filtration available in water treatment industry. All systems have been engineered with both installer and consumer in mind. Systems are available with different models and customized for manual backwash without using electricity. System can be used in a variety of applications including residential, commercial and any process water applications for food and beverage industry.

Watch® **Katalyst Light**® systems requires only a periodic backwashing to dispose of accumulated contaminants.

Standard Features

- Watch® Heavy Duty fiber glass tank
- Heavy duty riser pipe with Bottom Distributor
- **Katalyst Light**® media inside
- Watch® Manual control valve* with handle



**Option and Upgrades: Fully automatic Systems are available on request.*



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What is Katalyst Light®?

Katalyst Light® is a new brand of revolutionary advanced filtration media completely developed in Germany. It's composition simply makes it outstanding against the contemporary filter media available in water treatment industries, like sand, BIRM, Greensand Plus, Manganese Greensand etc.

Katalyst Light® is engineered with unique MnO₂ coating technique on ZEOSORB®, providing it light weight, higher filtration surface, more service life and more reliable performance than any other existing granular filter media.

Katalyst Light® is being used in numerous system for residential, commercial, industrial and municipal applications worldwide, for High level filtration, color and odor removal, Iron, Manganese, Hydrogen sulfide removal, efficient reduction of Arsenic, Zinc, Copper, Lead, Radium, Uranium other radio nuclides and heavy metals.

Katalyst Light® (KL) standard system specification (Manual Backwash):

Model	Service flow		Tank size	Backwash Valve operation	Connections		KL Media amount liters	Shipping weight kg	System Assembled
	lph	m ³ /h			inlet	outlet			
KL 0844-Mn	500	0.5	08x44	manual	¾"	¾"	25	35	yes
KL 1054-Mn	1000	1.0	10x54	manual	1"	1"	35	45	yes
KL 1354-Mn	2000	2.0	13x54	manual	1"	1"	75	95	yes
KL 1465-Mn	3000	3.0	14x65	manual	1"	1"	100	135	yes

For Higher Flow rates (more than 3000 liter/h or 13.2 gpm):



Parallel Connection of basic Katalyst Light units.

Example:

2 parallel KL 1465-Mn would have a total flow of 2 x 3000 lph = 6000 lph (26.2 gpm)
 3 parallel KL 1465-Mn would have a total flow of 3 x 3000 lph = 9000 lph (39.6 gpm)

Manufactured by:

Watch-Water® GmbH, Germany
 A Water Company

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