

*Cleanest water for your applications!*

# KATALOX 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 KMnO<sub>4</sub>, 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® **Katalox 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® **Katalox 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
- **Katalox Light**® media inside
- Watch® Manual control valve\* with handle

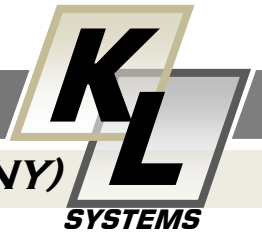


*\*Option and Upgrades: Fully automatic Systems are available on request.*



# KATALOX LIGHT® SYSTEMS

(MADE IN GERMANY)



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## What is Katalox Light®?

**Katalox 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.

**Katalox Light®** is engineered with unique MnO<sub>2</sub> 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.

**Katalox 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.

### Katalox Light® (KL) standard system specification (Manual Backwash):

Model	Service flow		Tank size	Backwash Valve operation	Connections		KL Media amount	Shipping weight	System Assembled
	lph	m <sup>3</sup> /h			inlet	outlet			
KL 0844-Mn	500	0.5	08x44	manual	¾"	¾"	25	35	yes
KL 1044-Mn	1000	1.0	10x44	manual	¾"	¾"	35	45	yes
KL 1354-Mn	2000	2.0	13x54	manual	¾"	¾"	75	95	yes
KL 1465-Mn	3000	3.0	14x65	manual	¾"	¾"	100	135	yes

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

#### Parallel Connection of basic Katalox 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® GmbH, Germany**  
 A Water Company

**Address:** Fahrlachstraße 14  
 Mannheim  
 D-68165  
 Germany  
**Tel:** +49 621 87951-0  
**Fax:** +49 621 87951-99

**URL:** <http://www.watchwater.de>  
**Email:** [info@watchwater.de](mailto:info@watchwater.de)

### Distributed by:

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