RMS
RAINWATER MANAGEMENT SOLUTIONS™

INTRODUCING
The RMS Line of Rack-Mounted UV/Filtration Systems

- **5 Micron Pretreatment**
- **Treats Flow Rates of 8 - 15 gpm**
- **Optional Full-Flow, Carbon Filter**
- **Simple "In & Out" Connections**
- **Convenient All-In-One Package**
- **Accepts UV Intensity Module**

Color Screen Interface Displays Diagnostics, Status, Warnings

RMS	RMS	RMS	QR Code	RMS	RAINWATER UV SYSTEMS BY RMS
375 Days Lamp Life Remaining	**5** Days Lamp Life Remaining	lamp life reset	Scan QR Code for information	**92%** UV Intensity	rainwatermanagement.com (866) 653-8337

System	Controller	Flow Rate	1st Filter Housing	2nd Filter Housing
LB4-Z1 **LB5-Z1**	4.1 (lamp timer) 5.1 (color screen)	8 gpm	10" Sediment **LC-105**	Not Included
LB4-Z2 **LB5-Z2**	4.1 (lamp timer) 5.1 (color screen)	8 gpm	20" Sediment **LC-205**	Not Included
LB4-Z12 **LB5-Z12**	4.1 (lamp timer) 5.1 (color screen)	8 gpm	10" Sediment **LC-105**	20" Carbon **LC-20C**
LBH4-Z2 **LBH5-Z2**	4.1 (lamp timer) 5.1 (color screen)	15 gpm	20" Sediment **LC-205**	Not Included
LBH4-Z12 **LBH5-Z12**	4.1 (lamp timer) 5.1 (color screen)	15 gpm	10" Sediment **LC-105**	20" Carbon **LC-20C**
LBH4-Z22 **LBH5-Z22**	4.1 (lamp timer) 5.1 (color screen)	15 gpm	20" Sediment **LC-205**	20" Carbon **LC-20C**

2-Sump Filter Heads

Leak-Free 1-Piece Design

- Whole home purification system suitable for flow rates up to 160 lpm (40gpm).

- Modular, plug and play design in a factory ready rack-mount system. Installation has never been easier with an innovative design that allows feedwater to enter from the right or left.

- Color user interface provides screens displaying diagnostics, status, warnings, phone numbers and even QR codes for a quick link back to RMS web site.

- Order replacement lamps, sleeves, and filters with confidence knowing that all parts are from original manufacturer and are safe, reliable, and long lasting.

- Features reliable, industry proven, coated UV lamps, (9,000 hour life on LB4/5 series and 10,000 hour life on LBH4/5 series).

- Axial flow, 316L stainless steel, fully-polished reactors designed and manufactured to ASME pressure vessel standards.

RMS
RAINWATER MANAGEMENT SOLUTIONS™

Convenient All-In-One
Rack-Mounted UV/Filtration Systems

SPECIFICATIONS

MODEL	LB4- Z1 LB5- Z1	LB4- Z2 LB5- Z2	LB4- Z12 LB5- Z12	LBH4- Z2 LBH5- Z2	LBH4- Z12 LBH5- Z12	LBH4- Z22 LBH5- Z22
Flow Rate (30mJ/cm² @ 95% UVT)	8.0 gpm			15.0 gpm		
	30.3 lpm			56.8 lpm		
	1.82 m³/hr			3.4 m³/hr		
1st Filter Housing	5 Micron Sediment LC-105	5 Micron Sediment LC-205	5 Micron Sediment LC-105	5 Micron Sediment LC-205	5 Micron Sediment LC-105	5 Micron Sediment LC-205
2nd Filter Housing	N/A	N/A	High-Capacity Carbon LC-20C	N/A	High-Capacity Carbon LC-20C	High-Capacity Carbon LC-20C
Port Size	1" MNPT					
Electrical	90-265V/50-60Hz					
Plug Type	Nema 5/15, 3 wire for all 110V systems					
Lamp Watts	20 (standard-output lamp)			45 (high-output lamp)		
Power (Watts)	23 (21 @ 230V.)			57 (48 @ 230V.)		
Max Current (Amps)	1					
Chamber Material	316L Stainless Steel, A249 Pressure Rated Tubing, Polished & Passivated					
Reactor Dimensions	3.5" x 20.0" (8.9 x 50.8 cm)					
Controller Dimensions	6.8" x 3.6" x 3" (17.2 x 9.2 x 7.6 cm)			8.6" x 4.2" x 3.5" (21.7 x 10.8 x 8.9 cm)		
Operating Pressure	0.7-8.3 bar (120psi)					
Operating Water Temperature	2-40° C (36-104° F)					
Replacement Lamp	RL-420			RL-420HO		
Replacement Sleeve	RQ-420					
UV Monitor	Optional (requires additional UV sensor module)					
Solenoid Output	Yes (but requires optional solenoid module) (MOD-SOL)					
Dry Contacts	Yes (but requires optional remote alarm module) (MOD-RAM)					
4-20mA Output	Yes (but requires optional 4-20mA module) (MOD-420)					
Lamp Change Reminder (Audible & Visual)	YES					
Lamp Out Reminder (Audible & Visual)	YES					
Shipping Weight	8.0 kg (17.6 lbs)	9.0 kg (19.8 lbs)	16.6 kg (36.6 lbs)	15.2 kg (33.5 lbs)	15.2 kg (33.5 lbs)	18.1 kg (39.9 lbs)

Optional Upgrade Modules

UV Sensor Module
Allows the 254nm UV wavelength to be measured and displayed via the RMS controller. Sensor plugs directly into controller and is mounted in the sensor port located on all RMS reactors. Order **RS-B3.5** for LB5 systems and **RSHO-B3.5** for LBH5 systems.

Solenoid Module
Used to power a remote normally closed solenoid valve (not included). Solenoid will close on lamp failure or when low UV conditions are detected by sensor. Available in 110V. (**MOD-SOL1**) or 230V. (**MOD-SOL2**).

4-20mA Module
Used for signal transfer to a remote device such as a data logger or computer. Order **MOD-420**.

Remote Alarm (Dry Contact) Module
Used for signal transfer to a remote alarm or dry contacts. Order **MOD-RAM**.

Manufacturer's Warranty

REACTOR - Ten (10) Year Limited Warranty
ELECTRONICS - Three (3) Year Limited Warranty
UV LAMPS - One (1) Year Limited Warranty
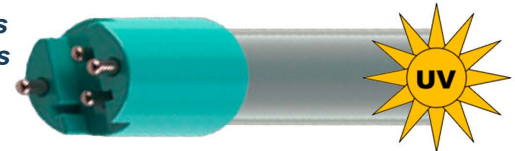**QUARTZ SLEEVES** - One (1) Year Limited Warranty

Replacement Filters Always Available

Call or Order Online:
866-653-8337
www.rainwatermanagement.com

9,000 - 10,000 hr UV Lamps Quartz Sleeves, Controllers Contact us!

LC-105 (10″ Sediment Filter)
LC-205 (20″ Sediment Filter)

- 25/1 dual ingredient polypropylene cartridge (25 micron pre-filter; 1-micron post-filter (nominal) for the reduction of dirt/rust & sediment)
- Temperature range of 4.4-62.8°C (40-145°F)
- Dimensions: 254 mm x 114 mm (10″ x 4 1/2″)
- Pressure drop of <0.1 bar @ 38 L/min (<1 psi @ 10 gpm)
- NSF COMPONENT listed (Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only).

LC-20C (20″ Carbon Filter)

- Carbon-briquette, 5-micron nominal cartridge for the reduction of chlorine taste & odor
- Temperature range of 4.4-82.2°C (40-180°F)
- Dimensions: 508 mm x 118 mm (20″ x 4 5/8″)
- Pressure drop of <0.38 bar @ 19 L/min (<5.5 psi @ 5 gpm)
- Rated life > 151,400 l @ 15.1 lpm (40,000 gal. @ 4 gpm)
- NSF COMPONENT listed (Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only).