RMS
RAINWATER MANAGEMENT SOLUTIONS™

RMS Whole Home Rack-Mounted UV/Filtration System

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

System	Controller	Flow Rate	1st Filter Housing	2nd Filter Housing
RMS4-R1 RMS5-R1	4.1 (lamp timer) 5.1 (color screen)	8 gpm	10" Sediment RMS-105S	Not Included
RMS4-R2 RMS5-R2	4.1 (lamp timer) 5.1 (color screen)	8 gpm	20" Sediment RMS-205S	Not Included
RMS4-R12 RMS5-R12	4.1 (lamp timer) 5.1 (color screen)	8 gpm	10" Sediment RMS-105S	20" Carbon RMS-20C
RMS4-R2C RMS5-R2C	4.1 (lamp timer) 5.1 (color screen)	15 gpm	20" Sediment RMS-205S	Not Included
RMS4-R12C RMS5-R12C	4.1 (lamp timer) 5.1 (color screen)	15 gpm	10" Sediment RMS-105S	20" Carbon RMS-20C
RMS4-R22C RMS5-R22C	4.1 (lamp timer) 5.1 (color screen)	15 gpm	20" Sediment RMS-205S	20" Carbon RMS-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 feed water 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 RMS4/5-x series and 10,000 hour life on RMS4/5-xC series).
- Axial flow, 316L stainless steel, fully-polished reactors designed and manufactured to ASME pressure vessel standards.

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

SPECIFICATIONS

MODEL	RMS4-R1 RMS5-R1	RMS4-R2 RMS5-R2	RMS4-R12 RMS5-R12	RMS4-R2C RMS5-R2C	RMS4-R12C RMS5-R12C	RMS4-R22C RMS5-R22C
Flow Rate (30mJ/cm^2 @95% UVT)	8.0 gpm			15.0 gpm		
	30.3 lpm			56.8 lpm		
	1.82 m^3/hr			3.4 m^3/hr		
1st Filter Housing 5-Micron Sediment	RMS-105S	RMS-205S	RMS-105S	RMS-205S	RMS-205S	RMS-205S
2nd Filter Housing High Capacity Carbon	N/A	N/A	RMS-20C	N/A	RMS-20C	RMS-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)			6.8" x 4.2" x 3.5" (21.7 x 10.8 x 8.9 cm)		
Operating Pressure	0.7-8.3 bar (120 psi)					
Operating Water Temp	2-40º C (36-104º F)					
Replacement Lamp	RMS-L420			RMS-L420C		
Replacement Sleeve	RMS-Q420					
UV Monitor	Optional (requires additional UV sensor module)					
Solenoid Output	Yes (but requires optional solenoid module) (MOD-SOL-RMS)					
Dry Contacts	Yes (but requires optional remote alarm module) (MOD-RAM-RMS)					
4-20mA Output	Yes (but requires optional 4-20mA module) (MOD-420-RMS)					
Lamp Change Reminder (Audible & Visual)	Yes					
Lamp Out Reminder (Audible & Visual)	Yes					
Shipping Weight	17.6 lbs	19.8 lbs	36.5 lbs	33.5 lbs	33.5 lbs	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 RMS-S2 for RMS5-x systems and RMS-S3 for RMS5-xC 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-RMS) or 230V. (MOD-SOL2-RMS).

4-20mA Module

Used for signal transfer to a remote device such as a data logger or computer. Order MOD-420-RMS.

Remote Alarm (Dry Contact) Module

Used for signal transfer to a remote alarm or dry contacts. Order MOD-RAM-RMS.

Manufacturer's Warranty

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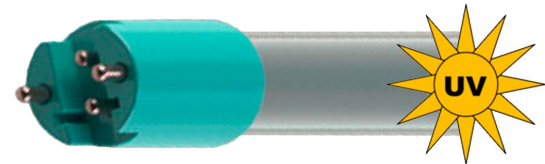QUARTZ SLEEVES - One (1) Year Limited Warranty

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!

RMS-105S (10" Sediment Filter)
RMS-205S (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 4.4-62.8ºC (40-145ºF)
• 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).

RMS-20C (20" Carbon Filter)

• Carbon-briquette, 5-micron nominal cartridge for the reduction of chlorine taste & odor
• Temperature range of 4.4-82.2ºC (40-180ºF)
• 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).