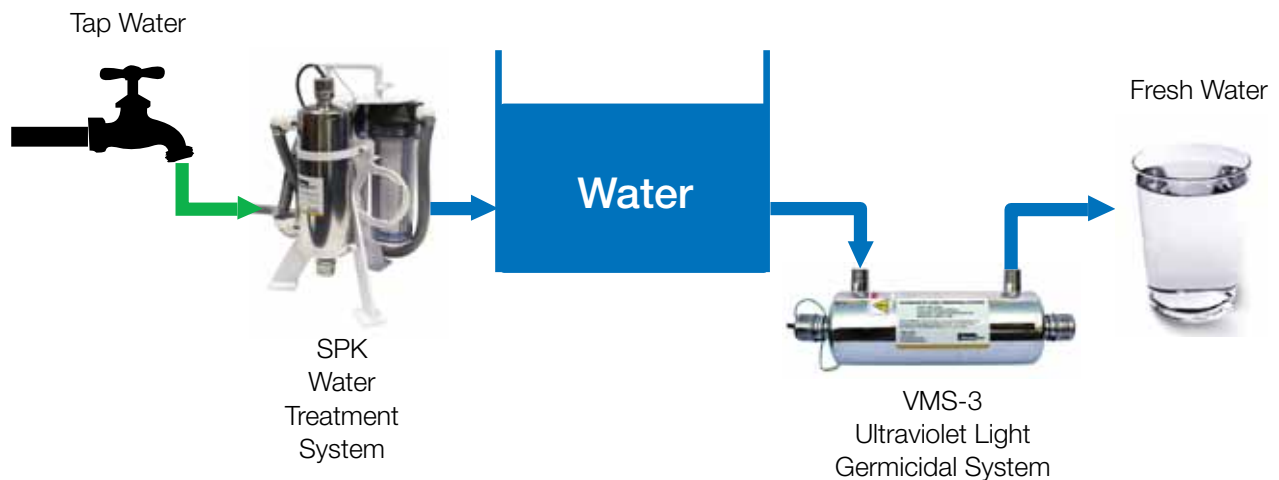


Racor Ultraviolet Germicidal Water Treatment Systems for Vessels

Technical Application Publication



VMS-3 and SPK Installation Diagram



Contact Information: Key Features and Benefits:

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- 99.9% effective as a germicidal system
- Constructed with stainless steel housing
- Available in 12 VDC, 120 V, or 220 V
- Easy installation with brackets (VMS-3)
- Long-life UV-C bulb
- Carbon activated pre-filtration
- SPK has a sturdy frame and carry-ing handle
- VMS-3 is designed for bulkhead mounting



ENGINEERING YOUR SUCCESS.

Where to use U.V. light

Ultra violet light is one of the most effective means of controlling your potable water source and ensuring that it is free of active bacteria, virus, mold spores and other pathogens. Globally, each year more people die from drinking biologically contaminated water than all the world's natural disasters combined.

When filling your tank from a dockside or through a garden hose, the source of water and the hose itself can be questionable and in some extreme cases the water coming out of the hose is visibly brown. To address this issue, Racor offers the SPK portable water treatment system which uses a three-stage process (sediment filter, carbon filter,

UV. Light) and is mounted in a small frame with a handle and can be easily stored and carried with one hand. So whenever filling a potable water tank from uncertain supplies simply connect the water source directly to the SPK and then to your water tank. The power supply for the SPK system is conveniently available in 120-volts, 230-volts and even 12-volt DC and only draws 14 watts.

In addition, because water tanks are vented to the atmosphere, air-borne contaminants will enter and foul the water. Install a VMS-3 unit on the outlet line. This will allow the water to be treated once again with UV. light, killing bacteria that is present. With a Racor VMS-3 unit mounted after your water

tank there will no longer be a need to shock your tanks with chlorine and you will have the peace of mind knowing that your friends and family will have clean water to drink.

Count on Parker Racor VMT for your water filtration and treatment needs. See our web site for distribution and service support. We are here to help.



SPK Specifications:

- Power supply - 14 watts at

P/N 90-0071	110/1/60 Power
P/N 90-0072	230/1/50/60 Power
P/N 90-0073	12 VDC Power

- Capacity - 3 GPM (11 LPM) flowrate provides maximum UV dosage.
- UV dosage - >30,000 microwatt.sec/cm² at 254 nanometers providing a

- lethal dosage to bacteria, viruses and micro-organisms.
- Size 12" x 12" x 18" LWH (30 x 30 x 45 cm). 20 lbs (9 kg)

Model	Part Number	Power	Dimensions inch/cm	Weight lbs/kg	Connection Ports	Flow Rate GPM/LPM
VMS-3	VMS-3-110V VMS-3-220V VMS-3-12VDC	16 W	16/41 Length 4/10 Wide 5.5/14 High	10/4	3/4" MNPT	3/11

Optional mounting bracket kit is available, part number 90-1586

To maintain peak performance always use genuine Parker Racor Village Marine replacement parts. We reserve the right to change our specifications or standards without notice.