



# ELIMINATE UP TO 98% OF VIRUSES AND BACTERIA FOUND IN SEWERS.

## VANGUARD PATHOGEN DEFENSE SYSTEM

**The first heavy-duty, spray-on sanitation tool for sewer equipment.** Vanguard System mounts directly to your truck or trailer so wastewater crews can quickly and easily apply anti-bacterial, anti-viral solution (Sani-Solution™) to work areas, external controls, tools, PPE and other high-touch surfaces.

- ❑ System integrates with **all makes and models** of sewer cleaners, jetters and camera/crawler systems.
- ❑ Removes up to 98% of bacteria and viruses found in raw sewage: **including MRSA and COVID-19.**
- ❑ Ample volume and spraying power for effective cleaning on dirty jobs.
- ❑ Operate for dollars a day. Keep crews safe and reduce sick days, health insurance premiums, and overall liability.

**PROTECT YOURSELF. PROTECT YOUR CREW. PROTECT THE PUBLIC.**

### THREE COMPONENT SYSTEM:



**1.** Control box automatically meters and blends Sani-Solution™ concentrate with on-board water.



**2.** Easy-snap-on 360° wash-down collar cleans hose or camera line as it retracts.



**3.** Spray nozzle attachment with 50-ft. hose reel for grab-and-go work station sanitation.



## WHAT'S IN THE KIT?

**TWO Customized Options:** CCTV trailer and sewer jetter configurations available.

**Kit Includes:** Main control box, manhole roller/cleaning collar, reel with 50-ft. of  $\frac{1}{2}$ " hose, 5-gallon sanitizer concentrate storage tank, trigger gun with three quick-connect nozzles.

All mounting gear and installation components included.



**Cold weather ready:**

Sani-Solution™ is rated to -30°F and automatic air purge for winterization is included in the system.

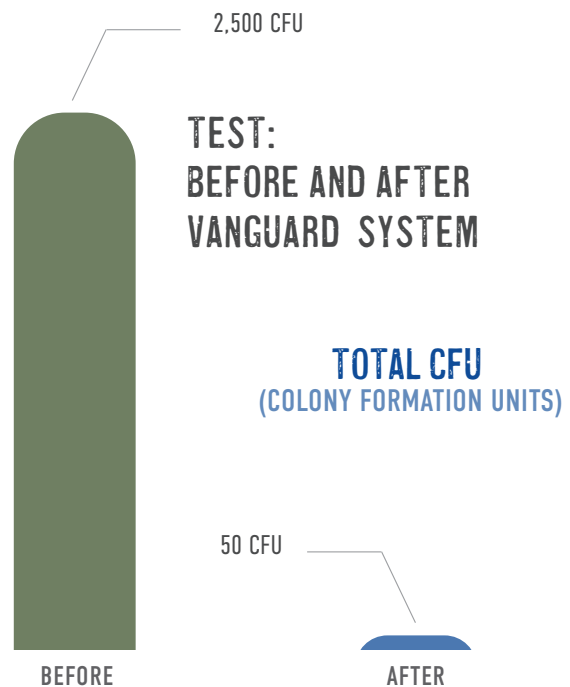


## RAW SEWAGE HAZARDS

Wastewater and sewage play host to thousands of strains of harmful bacteria, viruses, and parasites. Truthfully—we haven't even identified all the dangerous microbes living in these environments.

Today, sewer industry workers are rightfully concerned about exposure to these elements.

Keep your crew safe with the push of a button. Tests performed by an independent laboratory found the Vanguard System removed up to 98% of bacteria and viruses from a sewer jet hose during standard sewer cleaning operation.



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[www.vanguard-systems.us](http://www.vanguard-systems.us)

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