

ABOUT CLASS 1 INC.

CLASS 1 INC. IS A LEADING PROVIDER OF MEDICAL GAS EQUIPMENT SERVICES, ON-SITE OXYGEN, HALOGENATED DRUG RECOVERY AND ENGINEERED INFECTION PREVENTION TECHNOLOGY TO HOSPITALS FROM COAST-TO-COAST IN CANADA AND THE US.

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Class 1 is proud to be a founding member of



CHAIR
Coalition for Healthcare
Acquired Infection Reduction

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LAUNCHING THE WORLD'S FIRST SELF-DISINFECTING HAND HYGIENE SINK: SmartFLO₃

Class 1 is pleased to introduce the world's first self-disinfecting hand hygiene sink, an essential milestone in the war on emerging superbugs and the sustained hospital-acquired infections crisis (HAIs).

The SmartFLO₃ hand hygiene sink, developed in partnership with Franke, uses ozonated water to reduce bacteria on hands and on the sink itself, and also prevent trap and drain biofilm, a major source of pathogens and outbreaks. Ozonated water has been shown to reduce bacteria more effectively than soap and water, and can now be accessed easily in every patient room. Ozonation is produced directly from the water using a high voltage electrode. Smart technology allows wirelessly programmable automatic disinfection cycles and wireless data-logging for integration with hand hygiene monitoring programs. Next generation integral sensors allow for automatic water flow only when hands are below the rim of the bowl.

This CSA Z8000-compliant design prevents splash and aerosolized bacteria. It is the first system designed specifically to target the biggest emerging pathogenic threats from drains. The SmartFLO₃ demonstrates Class 1's ongoing commitment to developing accessible and innovative solutions for combating hospital-acquired infections.

