

RESCUE INTELLITECH

DECON MADE SAFE & EASY

Everything you need to clean your SCBAs, facepieces, boots, gloves, helmets, and tools.

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Solo Rescue® Decon Washer

Professional decontamination of firefighter PPE.



- **14** SCBAs per hour*
- **21** Helmets per hour*
- **42** Air cylinders per hour*
- **56** Face masks per hour*
- **60** Pairs of boots per hour*
- **120** Pairs of gloves per hour*

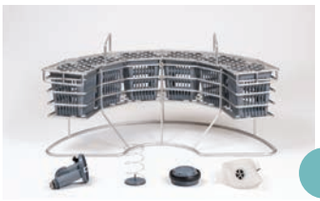
Technical specification

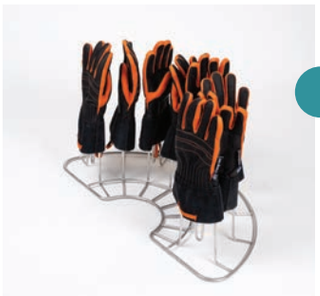
Power supply	208–240 V, 3-phase, 60 Hz, 40 A / 208–240 V, Single phase, 50/60 Hz, 40 A
Water supply	G3/4" (BSPP) male connection, 41–104°F (5–40°C), 3–10 gpg (3–10°dH)
External dimensions closed / open (W x D x H)	40" x 38"x 69" (1025 x 887 x 1744 mm) / 40" x 52" x 82" (1025 x 1316 x 2084 mm)

*The provided cleaning performance values are theoretical; actual results may vary due to various factors.

Everything you need to clean your SCBAs, face masks, boots, gloves, helmets, and tools – all in one machine










The spacious design of the Solo Rescue allows you to wash either 2 complete SCBAs, 6 stand-alone air bottles, 8 face masks, 3 helmets, 3 pairs of boots, or 8 pairs of gloves per wash cycle. On top of that, you can wash small parts, such as regulators and pressure connectors. All of this is possible thanks to the clever design of the Solo Rescue basket system.

The backbone of the system is the heavy-duty basket, which is used at all times. This basket can then be paired with several different accessories, giving you a versatile machine that fits many different needs. Accessories include holders for SCBAs, face masks, boots, gloves, helmets, and small parts (e.g., regulators, pressure connectors, etc.).



Optimized cleaning with an innovative rotating basket system

The generously-sized wash tank of the Solo Rescue is a vital part of its strength. Together with a innovative rotating basket system, this provides a design that optimizes the water flow to reach even the most inaccessible parts of your equipment without compromising its function and quality. So whether you are washing SCBAs, face masks, boots, gloves, helmets, or tools, the Solo Rescue will do an excellent job reducing and extracting dangerous soot particles, chemicals, and detergent residue from your equipment.



Clean gear in less than 10 minutes

The Solo Rescue offers an easy, quick, and safe way to clean your contaminated PPE. The easy-to-use control panel lets you choose between a 3-minute cycle for gloves and boots or an 8-minute cycle for SCBAs, face masks, and helmets. It can clean up to 14 complete SCBAs (including face masks), 42 stand-alone air cylinders, 56 face masks, 21 helmets, 60 pairs of boots, and 120 pairs of gloves per hour.



Captain Harry Coates, Chief Phillip Wood, Deputy Chief Shawn McLean, and Captain Scott Fillmore standing next to the Solo Rescue at Millstream Fire Department.

Millstream Fire Department boosts safety and efficiency with Solo Rescue decon washer

Millstream Fire Department has taken an important step toward protecting its firefighters from harmful carcinogens by incorporating a dedicated cleaning solution into their operations. By introducing the Solo Rescue® SCBA Decon Washer, the department reinforces its commitment to reducing cancer risks and safeguarding the health of its team.

The Solo Rescue SCBA Decon Washer will primarily serve Millstream Fire Department's own station but will also be available to assist neighboring departments in need of decontamination services. By prioritizing effective cleaning and maintenance of SCBA units and other protective equipment, the department demonstrates its alignment with NFPA 1850 standards, which emphasize the importance of reducing firefighter exposure to harmful contaminants. This reflects Millstream Fire Department's commitment to the safety and health of both its firefighters and the wider firefighting community.

Boosting SCBA cleaning efficiency for safer operations

The introduction of the Solo Rescue SCBA Decon Washer marked a major step forward in the station's approach

> **We always thought we were cleaning our SCBA and gear well—we were proven wrong.**



Millstream Fire Department.

to gear decontamination. All 21 SCBA units—along with boots, helmets, gloves, and masks—have been thoroughly cleaned using the machine, highlighting the limitations of traditional hand-scrubbing methods. The first use revealed a surprising amount of hidden contaminants, leaving the team impressed by the washer's effectiveness. "We've always washed our gear by scrubbing and rinsing off. The results are overwhelming and we couldn't believe how much more came out after the first wash," says Captain Harry Coates. Today, the washer is used routinely after every structure or vehicle fire, ensuring that all SCBA are properly decontaminated, and the crew's safety is prioritized.

The choice to invest in Solo Rescue decon washer

The decision to adopt Solo Rescue was driven by a need for more effective decontamination solutions to combat the rising risks of carcinogen exposure among their team. While searching for ways to reduce carcinogens in their gear and improve the safety of their members, the department came across Solo Rescue.



Decontaminated and cleaned SCBA after washing, and contaminated water from the first wash.

We've always washed our gear by scrubbing and rinsing off. The results are overwhelming and we couldn't believe how much more came out after the first wash.

Through research, they quickly identified it as the right machine for their needs, citing its simplicity in operation as one of its standout features.

The purchasing process was also much easier than anticipated. From the initial inquiry to having the washer fully installed and ready for use, the entire process took only six months.

Raising the bar for SCBA decontamination

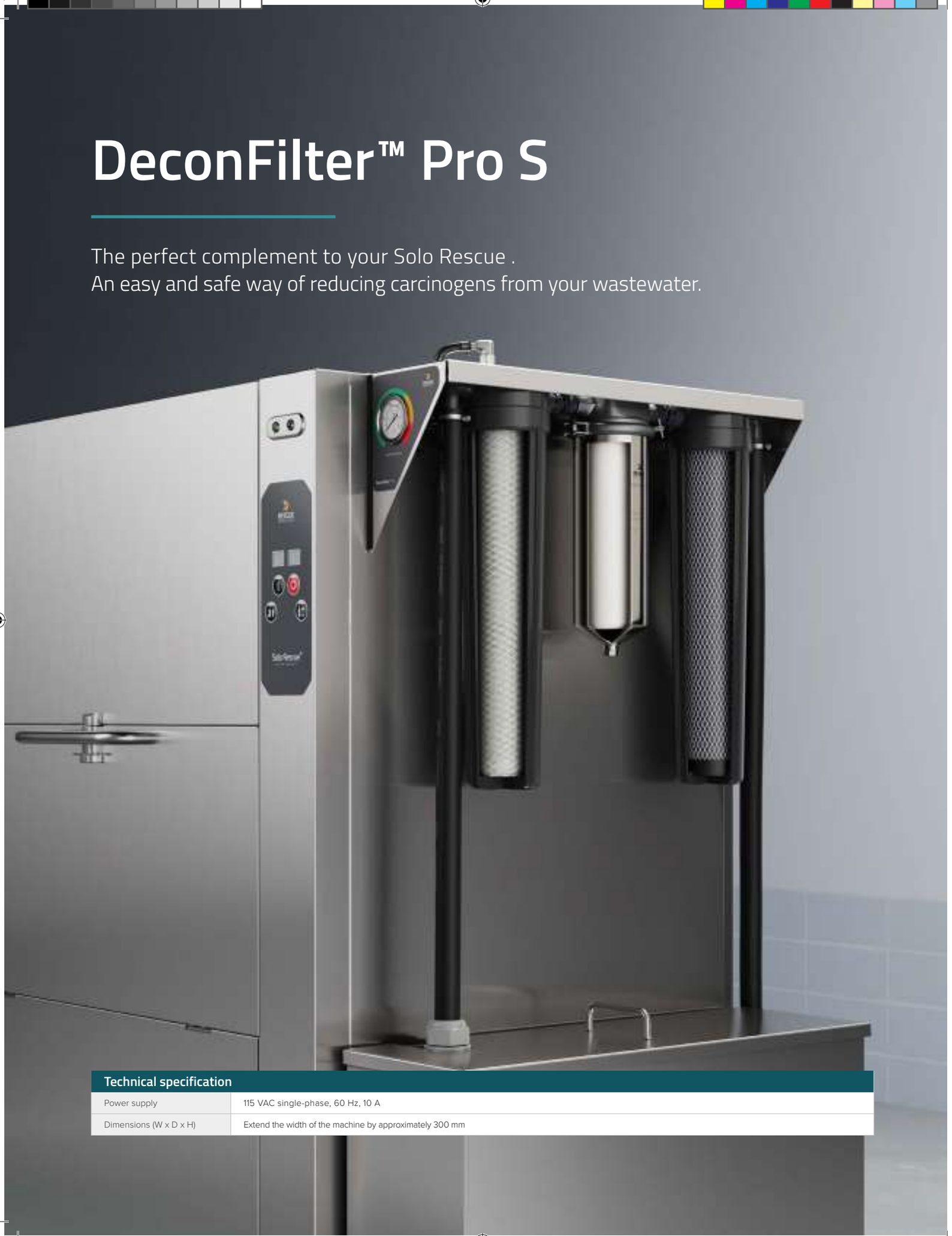
While initially unsure of what results to expect, the team was overwhelmed by the performance of the Solo Rescue SCBA and gear washer. "We always thought we were cleaning our SCBA and gear well—we were proven wrong," says Captain Harry Coates. Its ability to deliver a consistent, thorough cleaning process has

surpassed their expectations, adding an extra layer of safety for their crew. With fully cleaned gear, the team feels confident they're taking the right steps to protect their health and safety.

As Millstream Fire Department continues to prioritize the well-being of its personnel, the adoption of Solo Rescue SCBA Decon Washer sets a benchmark for other fire services seeking innovative solutions.

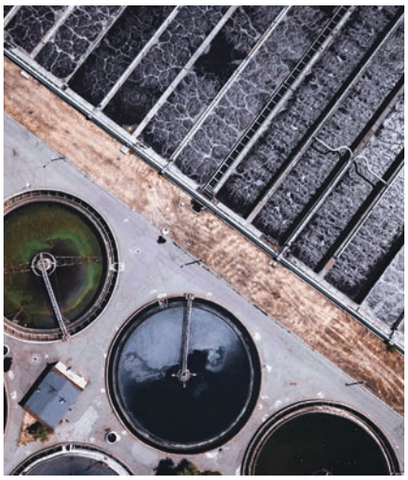
DeconFilter™ Pro S

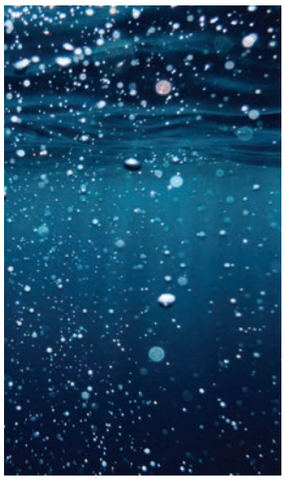
The perfect complement to your Solo Rescue .
An easy and safe way of reducing carcinogens from your wastewater.



Technical specification	
Power supply	115 VAC single-phase, 60 Hz, 10 A
Dimensions (W x D x H)	Extend the width of the machine by approximately 300 mm

Optimized filtration technology







The DeconFilter Pro S focuses on extracting and reducing the amount of carcinogenic PAH compounds in the Solo Rescue wastewater. During tests at a fire department and firefighter training facility in southern Sweden, wastewater samples were taken from the Solo Rescue decon washer after several training exercises and rescue operations. They were then sent to an external third-party laboratory for testing.

The tests were conducted to look specifically at the reduction of a group of 16 PAHs that has been considered to be high priority pollutants. These 16 PAHs are of environmental concern because of their potential toxicity in humans and other organisms and their prevalence and persistence in the environment. Several PAHs are probable or known carcinogens. The result showed that the amount of these 16 PAHs had been reduced by up to 98%.

To achieve these results, we use a multi-stage custom filtration, including a lint filter, particle filters, and an active carbon filter. This allows us to catch particles of various types and sizes and prevents them from being flushed down the drain.





The perfect complement to the Solo Rescue

The DeconFilter Pro S was developed to work seamlessly with the Solo Rescue and fits perfectly on the right side of the machine using a special filter rack. It is also possible to mount the filter system on the wall for convenience if needed. The Solo Rescue filter system comes with an external water tank, including a lint filter and drain pump.

Safe and easy filter maintenance

To ensure the efficiency of the filter system, we recommend using a filter kit replacement four times per year. However, depending on the type of fire and how often the water in the machine is changed, the filter lifetime may vary. To make the filter exchange as easy and safe as possible, it has an open design that allows you to reach the filter cartridges on the side of the machine effortlessly.

Puro® C87

A detergent designed to meet the demands of today's fire service. It has been third-party tested to meet the rigorous standards of NFPA 1850.



The scent of smoke shouldn’t define your gear



Puro® C87 is designed for firefighter PPE. This detergent helps reduce lingering contamination and restore a clean, ready feel between calls, giving your gear a true reset.

Every call leaves its mark, the smell of smoke, the unseen residue on your PPE. It’s a reminder that the day’s work isn’t quite done. The routine matters. With every wash, your equipment feels clean, ready, and reliable, prepared for the next call.

The reward is safety for yourself, your team, and the younger firefighters who will follow in your footsteps. By taking care of your gear today, you reduce what can be passed on tomorrow. Every wash is a choice to protect those around you, to set a standard, and to ensure your PPE is ready when it matters most.





Why we created Puro® C87

Firefighter PPE faces challenges that ordinary detergents weren’t designed to remove. Smoke, soot, and other residues can build up over time, affecting the reliability and longevity of your gear. Puro® C87 was developed specifically to meet the demands of today’s fire service and is third-party tested to the rigorous standards of NFPA 1850, helping maintain high levels of cleanliness, safety, and performance.

Proven performance in real-world conditions

Puro® C87 formula sets a new benchmark in SCBA decontamination tested in an optimized 8-minute cycle using professional decon washers, it provides:

- Exceptional contaminant removal
- Efficient and thorough cleaning
- Compatibility with modern SCBA systems*

*To ensure that no part of the SCBA or PPE is compromised during washing, it’s important to use a detergent recommended by your SCBA and PPE manufacturer.

Drying Cabinets

DC20, DC8

Swift and efficient drying for personal protective equipment.



- Up to 6 complete sets of gear
- Fully **NFPA 1850** compliant
- Ends with a “cool down” mode
- Extending the lifespan of PPE

Technical specification DC20	
Power supply	240 V, Single phase, 60 Hz, 60 A / 208–240 V, 3-phase, 60 Hz, 40 A
Electric heating	9000 / 12000 W
External Dimension (W x D x H)	71" x 31.5" x 77" (1800 x 800 x 1955 mm)

PPE Drying Solutions For a Faster Drying Process



The DC20 introduces an advanced dual drying system that ensures swift and efficient drying for personal protective equipment (PPE). Its innovative air circulation technology dries both the interior and exterior of gear simultaneously, allowing faster turnaround times and enabling equipment to be ready for use. This cabinet works with automatic and manual programs, plus a preset start-time feature, the DC20 is user-friendly and tailored to meet diverse drying needs. The drying cycle ends with a “cool down” mode, ensuring gear is ready to handle immediately after drying.



Energy-Efficient and Safe Operation

Equipped with an advanced temperature and humidity tracking system, the DC20 is designed to optimize energy consumption. Its dual overheat protection ensures safe operation, while the system automatically stops drying when optimal dryness is detected, saving both time and energy. The DC20 can handle up to six sets of turnout gear at the same time. This spacious capacity makes it ideal for fire stations and military operations, where quick and efficient drying of multiple suits is critical.



Gentle Drying For Maximum Gear Longevity

The DC20 and our smaller cabinet, DC8, employ a non-mechanical drying process that preserves the integrity of protective equipment. By eliminating mechanical agitation, they reduce wear and tear, extending the lifespan of PPE while maintaining its high performance. Both cabinets are NFPA 1850 compliant, prioritizing firefighter safety by minimizing health risks associated with damp gear. Their compliance reflects a commitment to durability, safety, and resource efficiency, aligning perfectly with the needs of professionals in high-stakes environments.



Rescue Intellitech – helping firefighters fight cancer

Rescue Intellitech, part of the Sandberg Development Group founded in the 1960s, is a leading provider of cutting-edge solutions for the firefighting and rescue services industry. With a strong focus on firefighter safety, their products aim to eliminate work-related illnesses and improve overall operational efficiency. Rescue Intellitech's innovative lineup includes the highly acclaimed Solo Rescue decon washer, renowned for its ability to reduce dangerous carcinogens in firefighters' personal protective equipment. The company is committed to delivering reliable, high-quality solutions that make a lasting impact on the safety and well-being of firefighters worldwide. To do so, all products targeted towards the firefighting industry by Rescue Intellitech have been developed and tested in collaboration with professional firefighters prior to their launch. Other innovative companies in the group include Aimpoint®, GAIM, Nordisk Clean Solutions, and Swatab.

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