

# FASTENAL<sup>®</sup>



## Facilities Maintenance Safety Solutions Guide

# Stay Safe, Secure,

# & **KEEP WORKING**

As you adapt your workplace to promote employee health and safety, Fastenal is here to help you make the transition as smooth and safe as possible.

That includes supplying the products you need to protect your team, and supplying them in creative ways – minimizing contact without sacrificing service.

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# ING

Historically, facilities maintenance has included keeping spaces and machinery in working order, repairing said machinery, and maintaining the appearance of workspaces. COVID-19 has forced us to look at these areas – and health and safety in general – from a new perspective.

From the smallest dust particle to the walls that hold your business together, trust Fastenal's Facilities Maintenance Team to provide creative solutions to help you stay clean, safe, and productive.

# Personal Hygiene

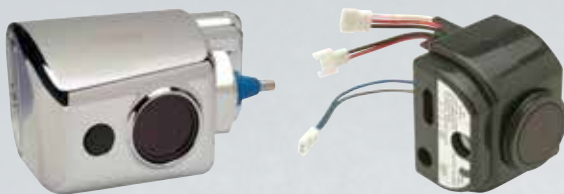
## SOLUTIONS

During a pandemic, the health and safety of any workplace relies on the hygiene of those within it. Give your staff the best chance at fighting infection by minimizing touchpoints. Fastenal partners with trusted suppliers to provide touch-free solutions. Our partners include Sloan, Zurn, Georgia-Pacific, Kimberly-Clark, Bradley, Gojo/Purell, and SC Johnson. Together, we offer the latest solutions for a touchless facility.

### TOUCHLESS FIXTURES

#### Flushing

1



#### Faucets

2



#### Soap, Sanitizers, and Towel Dispensers

3



4

### OTHER TOUCH-FREE OPTIONS

#### No-Touch Waste Disposal

5



#### Door Openers

6



7

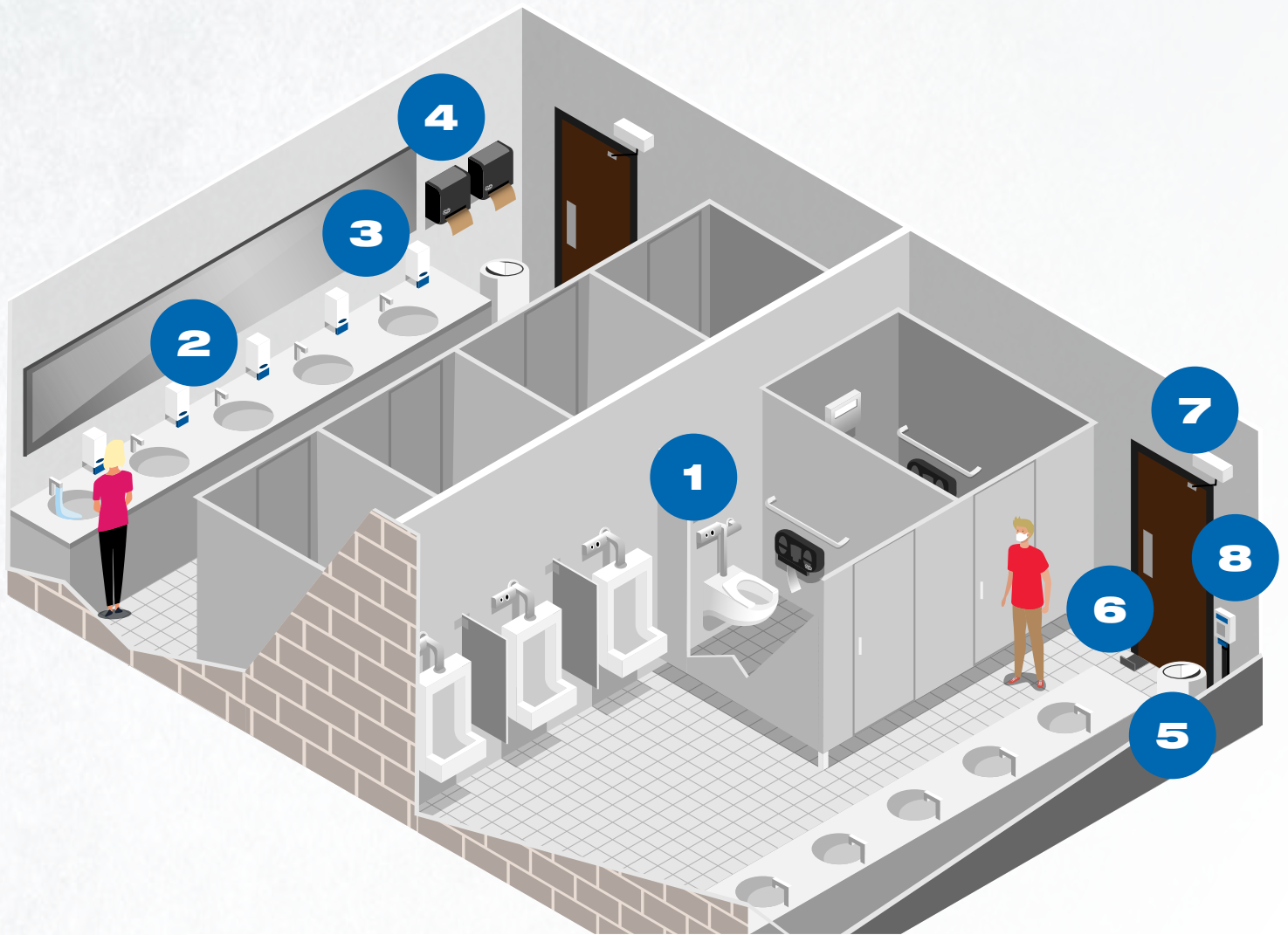


#### Hand Sanitizer Stations

8



**TIP:** Use premium batteries to reduce change-outs. Ask your local FNL rep for more information.



## HIDDEN BENEFITS OF TOUCHLESS FIXTURES

Reducing the spread of germs and disease is the number one benefit of going touchless, but here are some others to consider:

- Conserve and lower your water bill
- No handles to clean, no moving pieces to replace, one single unit makes for easier maintenance
- With no handles to twist, touchless faucets last longer
- Easier use for those with physical limitations

# Social Distancing

## SOLUTIONS

We're all in this together, but too much togetherness creates the perfect environment for spreading disease. Keep you and your staff together while decreasing the likelihood of infection.

### APART, BUT TOGETHER

Partitions

1



Lock-Out Tag-Out  
(Water Fountains and Restrooms)

2



Shoe Cleaning Mats and Machines

3



Floor Mats

4



Signage

5





# Specialized Cleaning

The necessity to disinfect and deep clean has brought on some of the best new technologies in specialized cleaning. Working with suppliers like Multi-Clean, ITW Pro Brands, and Zep, we are ready to provide your staff with the latest innovations.

## FROM STANDARD...

### Disinfectants and Sanitizers



### Anti-Microbial Products for Desk Spaces



### Bio-hazard Waste Disposal



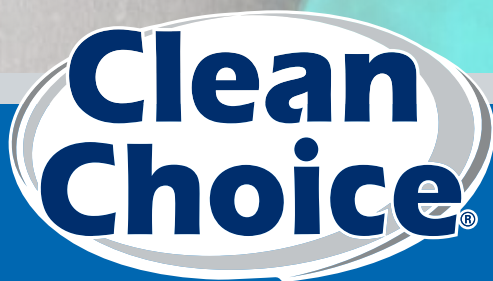
## TO HIGH-TECH...

### Sanitizing Spray Systems



## ELECTROSTATIC SPRAYER TECHNOLOGY

One of the newest ways to apply cleaners, sanitizers and disinfectants. Solutions are given a positive electric charge so that the droplets, once released, become attracted to all visible negatively charged surfaces. These sprayers can cover large areas in just minutes and provide a great solution for hard-to-reach surfaces.



# Clean Choice®

## Fastenal's Exclusive Brand

Clean Choice is a well-developed line that's produced in close collaboration with our key suppliers, providing the quality your operation demands. And our end-to-end ownership of the supply chain – from product design to delivery – means significant cost savings and sourcing confidence for your team.

**CLEANERS**

**BRUSHES**

**WIPING RAGS**

**SHADOW BOARDS**

**BROOMS**

**SKIN CARE**

**TRASH CANS**

**CLEANING SPECIALISTS**

**MOPS**

**WIPERS**

**CAN LINERS**

**WET/DRY VAC**

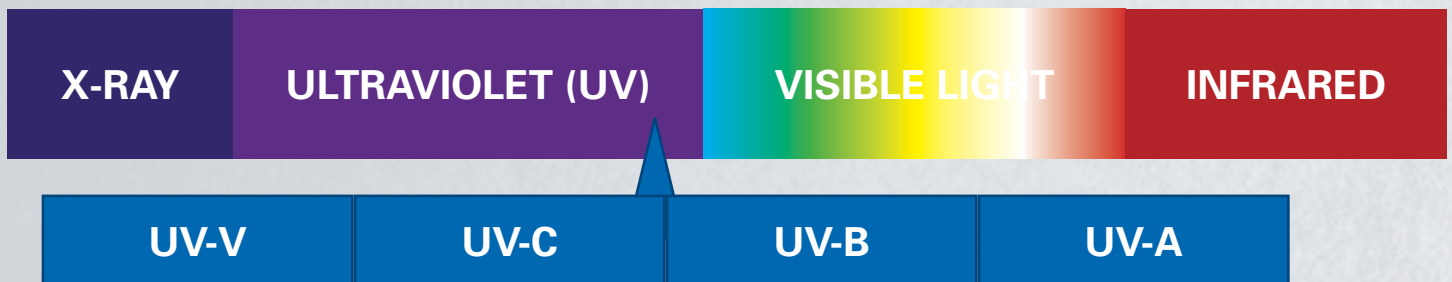
**SQUEEGEES**

**PAPER PRODUCTS**

# UV Lighting

Since 2003, UVGI (Ultraviolet Germicidal Irradiation) has been approved by the CDC for use in hospitals. UVGI is also endorsed by ASHRAE as an effective means of air cleaning and infectious disease mitigation. Since the emergence of COVID-19, it has gained more attention.

UVGI works by using UV-C light to kill or inactivate bacteria and viruses by disrupting the DNA and RNA of microorganisms, rendering them incapable of replicating. It is effective in disinfecting surfaces, water and air, and is commonly used in medical and assisted-living facilities, classrooms, and other large facilities because of its effectiveness and non-chemical approach to disinfection.



UV-V (100-200 nm) used for oxidization, neutralizing odors, and destroys chemicals of dead cells  
UV-C (200-280 nm) used for air, surface, and water disinfection. Skin and eye irritant, but does not cause cancer or cataracts

UV-B (280-320 nm) exposure to this light can be dangerous, leading to burns and cancer  
UV-A (325-400 nm) blacklight, skin tanning, and treating certain skin disorders

## Featured Supplier

ONCE®, Inc. BioShift® UV-C  
disinfecting light chambers



# Filtration

## WHAT DOES IT ALL MEAN?

MERV, or Minimum Efficiency Reporting Value, for an air conditioner or furnace filter media as determined by the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE). MERV is the primary international air conditioner furnace filter industry standard and is used for rating the ability of an air filter to capture and hold particles and pollutants. The measurement used in these ratings is a micrometer or micron.

- A micron is one millionth of a meter (0.000001m) and is not visible to the human eye
- A piece of copy paper is about 100 microns
- A human hair averages 80 microns in size
- Pet dander is 2-4 microns and can linger in the air for hours before it settles on the surface

MERV RATING					
MERV Rating	ASHRAE MINIMUM INITIAL EFFICIENCY			Containment and Particles	Uses
	.30 to 1.0 Microns	1.0 to 3.0 Microns	3.0 - 10.0 Microns		
MERV 19-20 (HEPA)	99.99-99.999%			< 0.30 Micron Carbon Dust Sea Salt All Combustion Smoke	Clean Room Manufacturing Electronics Manufacturing Pharmaceuticals Carcinogenic Materials Hospital Inpatient Care
MERV 17-18 (HEPA)	> 95%				Surgery
MERV 16 (HEPA)	> 95%	> 95%	> 95%		Superior Commercial Buildings
MERV 14-15	75 - 95%	> 90%	> 90%	.30 to 1.0 Microns All Bacteria Tobacco Smoke Fireplace Smoke	
MERV 13	< 75%	> 90%	> 90%	Droplet w/Virus (Sneeze)	Superior Residential Property
MERV 12		80 - 90%	> 90%	Smog 1.0 to 3.0 Microns Auto Emissions Dust	Superior Commercial Property
MERV 11		65 - 79%	> 85%	Baking Flour	
MERV 10		50 - 64%	> 85%	Pet Dander	Residential Commercial
MERV 8			70 - 85%	3.0 to 10.00 Mold Spores Household Dust/Spray Hair Spray Dust Mite	Industrial Workspaces
MERV 7			50 - 69%	Pollen Sanding Dust	Minimum Filtration Workspace Window Units
MERV 6			35 - 49%	Textile / Carpet Fibers	Fiberglass Filters
MERV 0 - MERV 5			20 - 34%		Polyester Air Filters

## HEPA

HEPA stands for High Efficiency Particulate Air and describes filters that are able to trap 99.97% of particulates that are 0.3 microns. HEPA filters are designed to perform in adverse, demanding, critical, and sensitive conditions.





Offering a wide range of options designed to meet your clean air needs, Fastenal's exclusive ProFitter filters are ideal for:

- hospitals
- schools
- airports
- museums
- commercial buildings
- hotels
- resorts
- casinos
- shopping malls

Options range from inexpensive disposable panel filters to high-efficiency extended surface filters with antimicrobial capabilities and everything in between. With so many filter choices, we're able to meet virtually any customer need, while providing the local service and support Fastenal is known for.

ProFitter filters use the MERV rating system. And are manufactured direct in several facilities throughout the USA and Canada. We have all standard air filtration products and custom-sized air filters to meet the needs of your facilities. In the average American home, the most common air filter is only a MERV 4. These are usually the furnace filters that you can see through and do not stop particles smaller than 10 microns. Most residential systems are able to use up to a MERV 12 rated filter. MERV rating is the established air filter industry rating system, but, some companies have developed their own rating systems based on the ASHRAE MERV rating.

