

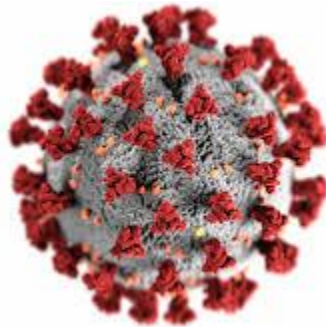


Misters & Vital Oxide Overview

May 2020

THE MARKET TODAY (WHAT WE KNOW)

- The landscape is ever changing as is the communication
- Cleaning Protocols for all B2B business target groups are being updated
- Lack of standardization places burden on the end-user to interpret data leaving much room for application errors
- Current disinfectant testing is based off old traditional cleaning approaches
- Safety for workers, customers, patients, students and tenants are pinnacle
- Pesticide devices (foggers) are still deemed supplementary to disinfecting



WHY KARCHER?

Karcher coordinates our communications with the experts at the Centers for Disease (CDC) and the Environmental Protection Agency (EPA)

Industry Leader in Directional Sprayers (2 machines, one adaptor kit)

- Regulated pressure and nozzle size to create a specific and consistent size droplet
- Used to apply disinfectant products at a higher rate of speed than applying with a spray bottle or wiping
- Localized spray pattern for fast application for high touch point areas
- Dual misting option for large areas
- Retrofit kit for carpet extractors

Vital Oxide – The Ideal Disinfectant

- EPA registered disinfectant cleaner kills a wide range of viruses such as Sars-CV-2 (Covid-19), Noro Virus, Feline and Canine coronavirus, Parvo, Salmonella, Listeria and bacteria.
- No PPE required while applying
- Zero odor

END USER FOCUS

Karcher's name brand recognition in the marketplace for it's world class cleaning solutions sets us apart from our competition.



VITAL OXIDE

Vital Oxide is an EPA registered disinfectant cleaner, mold killer and super effective odor eliminator. Ready to use with no mixing required, just spray, wipe or fog right from the bottle.

**FOR USE AGAINST
SARS-CoV-2
(COVID-19)**



The Ideal Disinfectant

FOOD CONTACT SANITIZER - NSF Registered (D2) Sanitizer

- Kills 99.999% of bacteria, including eColi, Salmonella, and Listeria in less than 60 seconds, and it's odorless, requires no rinse and doesn't alter the taste of food that has been prepared on sanitized surfaces.

EPA REGISTERED DISINFECTANT

- Contains no volatile organic compounds (VOCs) and kills a wide range of viruses such as Noro Virus, Feline and Canine coronavirus and bacteria. It doesn't contribute to mutating super bugs.

ALLERGEN ELIMINATOR

- Proven effective on pet dander, as well as dust mites and cockroach allergen. Safe to use on pet bedding and sleeping areas.

ELIMINATES SARS-CoV (COVID-19)

- Listed on US EPA List N: Disinfectants for use against SARS-CoV-2, the cause of COVID-19

MOLD & MILDEW INHIBITOR

- Inhibits & keeps mold and mildew from growing for up to 4 weeks

ODOR ELIMINATOR

- Eliminates malodors due to smoke, trash, septic systems, stale cooking and more, without using masking agents. Neutralizes urine and fecal odors

HVAC AND AIR DUCTS

- Leaves HVAC systems and air ducts free of microbial contamination from bacteria, mold, mildew and other fungi, while ensuring air quality.

SOFT SURFACE SANITIZER

- Kills odors and odor causing bacteria on soft surfaces by eliminating the source. Great for upholstery, curtains and auto interiors.

LETS MAKE IT SIMPLE

USN	Vendor Part #	Description	Price	Tax 2
	8.639-558.0	Vital Oxide 4 gallon per case	\$99.00	Chemicals
	8.639-560.0	Vital Oxide 6 qtr. per case	\$48.00	Chemicals
	8.644-292.0	Vital Oxide 5 gallon	\$118.50	Chemicals
	8.642-823.0	Vital Oxide 15 gallon	\$260.50	Chemicals
	8.698-112.0	Vital Oxide 55 gallon	\$884.00	Chemicals



THE LINE-UP



Dual Mister



PS 4/7 Mister



Mister-X

LETS MAKE IT SIMPLE

USN	Vendor Part #	Description	Price	Tax 2
	1.007-084.0	PS 4/7 Mister Generation 2	\$1,227.00	Equipment & Equipment Parts
	1.007-082.0	PS 4/7 Mister Generation 1	\$1,227.00	Equipment & Equipment Parts
	1.106-160.0	HD 2.0/1000 Dual Mister	\$1,140.00	Equipment & Equipment Parts
	8.644-328	Mister – X Kit	\$499.00	Equipment & Equipment Parts



THE TAKE-AWAYS

VITALOXIDE

- VitalOxide is now an EPA approved product and claims for use against Covid-19
- Contact time for SARS-COV-2 is 5-minutes (general disinfection of bacteria and viruses remains at 10 minutes)
- VitalOxide can be used with sprayers, misters and electrostatic sprayers
- Safe to be used in Food environments and can be applied with zero PPE
- Safe on both hard and soft surfaces
- Multiple different put-ups
- Can be used in extractor solution tanks safely
- Can be used in non Karcher misters

DIRECTIONAL MISTERS

- Battery powered, electric and adaptor kits available
- Not proven more effective than electrostatic misters
- Dual mister can provide dual misters for larger areas (productivity savings)
- Dual mister can be converted to pressure washer
- Adaptor kit converts current extractors to mister
 - We have list of all Home Depot Pro purchases
- Manufactured in North America
- Karcher name brand recognition
- Availability today

APPENDIX

KÄRCHER

COMBATING VIRUSES WITH MISTING PRECISION.

Meet the HD 2.0/1000 Dual Mister, an all-in-one mister and pressure washer.

Kärcher's cold water, corrosion resistant aluminum Dual Mister easily converts from a pressure washer to a mister for dispensing sanitizer or disinfectants, such as Vital Oxide™. This reusable electric powered pressure washer comes standard with a humifying nozzle and an Easy Valve that allows the operator to easily switch from pressure washing to misting mode. It can convert from a cart to a backpack, provides a bypass loop for additional pump protection, and it offers a low profile handle and compact footprint, making it easy to maneuver. In short, this unit is designed to combat viruses and bacteria in misting mode, or it can be used as a high pressure washer to clean surfaces. Your choice.



NEW

NEW!



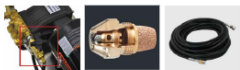
TECHNICAL DATA

Model	HD 2.0/1000 Dual Mister	
Part No.	1.106.160.0	
	HIGH PRESSURE MODE	MISTER MODE
GPM	2.0	0.023 - 0.05
PSI	1800	100 - 400
Drive	Direct	
HP	1.5	1.5
Electrical	120V / 1ph	120V / 1ph
Amperage	13.5	55 - 8.0

*Includes Pump Kärcher M; Pump RPM 1775; Power Cord 36 ft.
Shipping Dimensions L x W x H 47" x 27" x 20"; Shipping Weight L x W x H 36 lbs

*Not for use in North America

MISTING SYSTEM



- **EASYVALVE**: allows user to vary the operating pressure to control the flow. Possible to use 1 or 2 trigger guns at the same time in misting mode.
- **Misting Nozzle**: 1/4" NPT brass adapter delivers finely atomized cone spray pattern.
- **High Pressure Hose**: 75 foot 1/4" inch, high pressure hose.*

ACCESSORIES

Order No.	Description
8.020.241.0	Cart Model
8.025.251.0	Hose, 1/4" x 75', 81, 4000 PSI, 3/8" x 3/8"
8.093.040.0	Lance, 64", 2000 psi, adjust, handle and coupler
8.710.238.0	Nozzle, yellow, 035
8.710.239.0	Nozzle, green, 035
8.710.240.0	Nozzle, white, 035
8.020.512.0	Misting Nozzle Assembly with 1/4" Quick Connect
8.020.174.0	Filter High Pressure 1/4"

*Included □ Optional

Order No.	Description
8.000.821.0	Flow Gun The Coupler
8.710.030.0	Lance Superflex stainless steel wand, 7' - 56.0 oz
8.807.700.0	37.5" long handle
8.807.710.0	Lance holder
8.807.712.0	Hose storage hook
8.807.711.0	Handle with hose reel (incl. steel anthracite handle)

*Must order with additional hose, gun and mixing nozzle.

TURN YOUR EXTRACTOR INTO A VIRUS KILLER.



Introducing the new Mister-X directional disinfecting misting accessory for use with Kärcher extractors. Quickly convert your inventory of carpet extractors into a misting tool when clean matters most. The patented Mister-X is designed for use with Vital Oxide® disinfectant.

Order No. 8.644-328.0

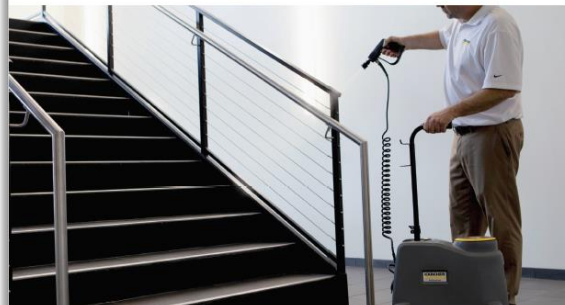
karcher.com/us

Scan to watch in action



KÄRCHER

makes a difference



PREVENTION IS THE BEST MEDICINE

Portable, high efficiency disinfection mister.

PROFESSIONAL | PS 4/7 | BP MISTER & VITAL OXIDE™

KÄRCHER