

THOMAS

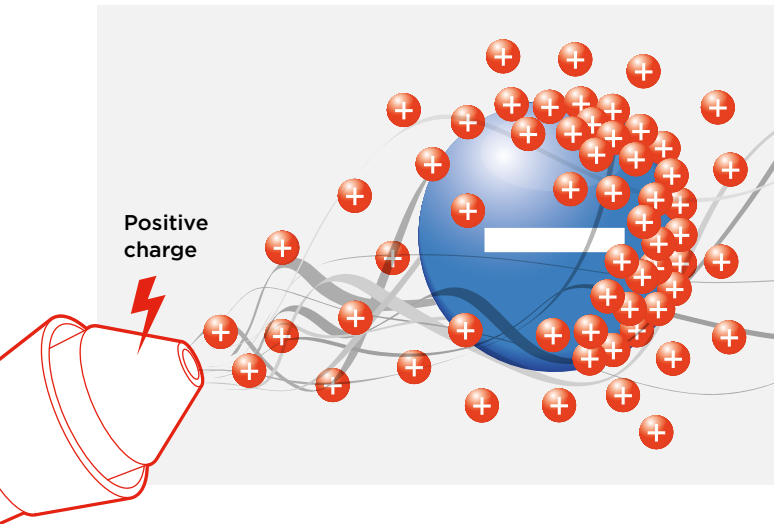
Compressors for Chemical Disinfectant Sprayer Systems



www.gd-thomas.com

APPLICATION INFORMATION

Electrostatic sprayer systems are a common tool for maintaining the health and well-being of individuals in an array of public and private settings like hospitals, care facilities, cruise ships, penitentiaries. These sprayer systems apply a fine mist of disinfectant to eliminate or greatly reduce harmful microbial bacteria and viruses and thus prevent the transmission of disease and illness.



Electrostatic sprayers incorporate a patented nozzle that atomizes and applies a positive charge to the disinfectant. These positively charged particles are attracted to negative grounded surfaces. This allows all surfaces to be coated with the disinfectant spray, for example under tables, behind doors, drapes, etc.

Spray system OEMs can benefit from patented Thomas WOB-L® technology and its many performance characteristics. By combining WOB-L® technology with Thomas Power AC or BLDC drive systems and compact, lightweight designs, customers can be confident that Thomas is the right choice to meet or exceed application requirements. Also, you can be sure that Thomas utilizes durable components and high-performance piston seals in their piston pumps and compressors. Thomas developed precise specifications and requirements to meet the evolving market needs for disinfectant sprayer equipment.

THE ADVANTAGES OF WOB-L® PISTON TECHNOLOGY

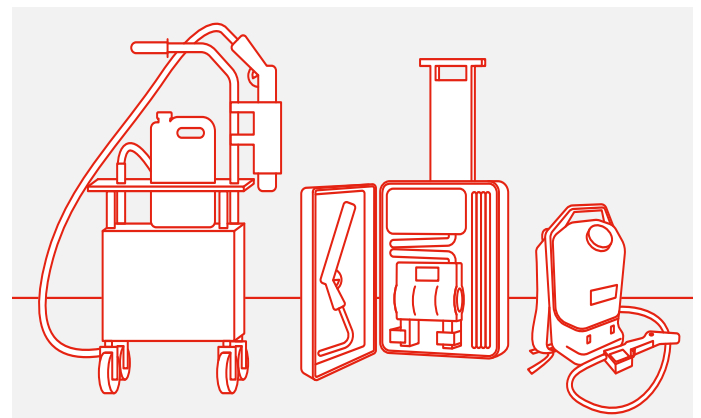


- ✓ Reliable technology
- ✓ Wide range of performance
- ✓ Low total cost of ownership
- ✓ Economical service kits
- ✓ Flow over time is relatively linear
- ✓ Relatively clean, oil-free air supply
- ✓ Fewer mechanical parts than other operating technologies
- ✓ Long life
- ✓ Low power consumption
- ✓ Consistent Performance



Sprayer systems

Sprayer systems come in different shapes and sizes. They can be a cart on wheels that plugs into a wall, a portable case with a telescoping handle (much like a suitcase) that packages all components needed to be set up on site, or a backpack that is battery operated and requires DC or BLDC pumps. There are even hydrogen peroxide disinfection systems that are robotic.




ONE SIZE DOES NOT FIT ALL...

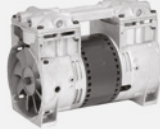
To that end, THOMAS breadth of products covers the many disinfectant sprayers system around the world, regardless of pressure, flow, size or any other unique application requirements you may require.

THOMAS compressors used in disinfectant sprayers around the globe helping fight the COVID fight:


WOB-L® 260Z SERIES

	BLDC
	12V or 24V
	Flow up to 1.8 cfm (51 l/min)
	Pressure up to 30 psi (2.1 bar)


WOB-L® 2668 SERIES

	AC
	115/60/1 or 230/50/60/1 or 100/50/60/1
	Flow up to 3.1 cfm (87.8 l/min)
	Pressure up to 100 psi (6.9 bar)


WOB-L® 319 SERIES

	DC
	12V or 24V
	Flow up to 1.2 cfm (34 l/min)
	Pressure up to 120 psi (8.2 bar)


WOB-L® 2755 SERIES

	AC
	115/60/1 or 220-240/50/1/230/60/1
	Flow up to 6.5 cfm (184 l/min)
	Pressure up to 20 psi (1.4 bar)


WOB-L® 660 SERIES

	AC
	115/60/1 or 230/50/60/1 or 100/50/60/1
	Flow up to 2.4 cfm (68 l/min)
	Pressure up to 45 psi (3.1 bar)



WOB-L® 2775 SERIES

	AC
	115/60/1 or 220-240/50/1/230/60/1
	Flow up to 5.5 cfm (155.7 l/min)
	Pressure up to 100 psi (6.9 bar)

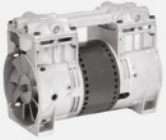
WOB-L® 668 SERIES

	AC
	115/60/1 or 230/50/60/1 or 100/50/60/1
	Flow up to 1.6 cfm (45.3 l/min)
	Pressure up to 100 psi (6.9 bar)

WOB-L® 2380 SERIES

	AC
	115/60/1 or 230/50/60/1 or 100/50/60/1
	Flow up to 1.6 cfm (45.3 l/min)
	Pressure up to 100 psi (6.9 bar)
	BLDC
	24V
	Flow up to 2.8 cfm (79.3 l/min) at 1750 RPM
	Pressure up to 60 psi (4.1 bar)

WOB-L® 2660 SERIES

	AC
	115/60/1 or 230/50/60/1 or 100/50/60/1
	Flow up to 4.6 cfm (130.3 l/min)
	Pressure up to 45 psi (3.1 bar)



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THOMAS is a leading manufacturer of systems, compressors, vacuum, and liquid pumps for Original Equipment Manufacturers (OEMs) in the medical, laboratory, environmental and industrial sector.

With its experienced Engineering, Technical, and Operations staff and capabilities, Thomas designs and manufactures customized pressure and vacuum solutions that meet the precise needs of its customers. Backed by over 60 years of engineering excellence and innovation, and a global manufacturing network, Thomas stands out as the reliable choice for OEMs worldwide.

For more information, visit www.gd-thomas.com

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