



CEASEFIRE LOW PRESSURE

MIST BASED AREA SANITIZATION

EQUIPMENT



CLEAN SWEEP A SPRAY AWAY

The current COVID pandemic has taken the world by surprise and changed the very way we live our day-to-day lives. A big deciding factor on how successful we get in neutralizing and winning over this virus will be how effectively we are able to keep our surroundings infection free.

Covid19 is an extremely potent virus. Its virulence is so high that it can contaminate surfaces for days together infecting everyone who comes in contact. And that is where decontamination of surfaces around our daily habitats, whether home or place of work, is crucial like never before.

SURFACE TO HUMAN TRANSMISSION IS A MAJOR CONTRIBUTOR OF SPREAD.

To stall the advent of the pandemic, large-scale decontamination of surfaces especially the high-touch and in high-density premises play a crucial role in this fight.

The need of the hour is of a powerful equipment that can disinfect the surfaces efficiently leaving

no trace of the dangerous viruses.

Ceasefire being a leader in the Mist based technology and an industry partner of CFEEES-DRDO is manufacturing the system.



INTRODUCING

CEASEFIRE LOW PRESSURE MIST BASED AREA SANITIZATION EQUIPMENT

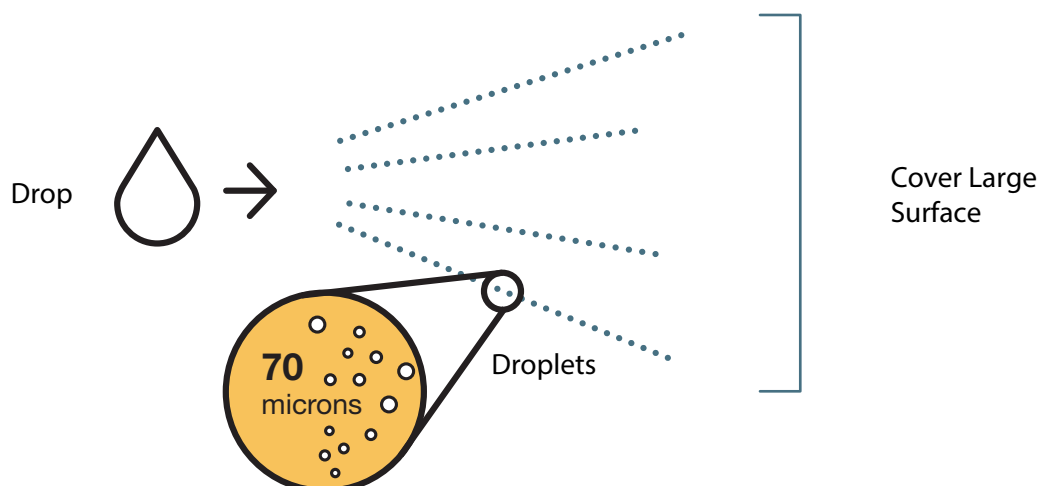
A range of Sanitizing systems that offer mist based decontamination to undertake large-scale decontamination efforts, in the most effective manner.

The system is based on compressed air technology that breaks down the decontamination agent many times over into extremely small droplets or mist. This fine mist of a super-efficient decontamination agent efficiently covers a large surface area that needs to be decontaminated.



There are two conspicuous advantages of using decontamination-mist technology for sanitization:

- This process gives the agent an extensive coverage, i.e. it increases the area that a drop of the solution would cover by upto 4 times. This makes the sanitisation process super effective.



- Less amount of agent mix is used to decontaminate large areas, making it a superbly efficient technology.

THE DECONTAMINATING AGENT

The Ceasefire Mist Based Sanitization Systems are based on a highly powerful decontamination agent called the Sodium Hypochlorite. This agent is widely accepted as one of the most potent

germicide and is effective on a wide range of infectants in an extremely small concentration as well.

Sodium Hypochlorite

Sodium Hypochlorite works by blocking the viral infection by increasing endosomal pH needed for virus/cell fusion, and interferes with the glycosylation of virus cellular receptors. This super effective agent HYPO kills the germs (including the Corona virus) as soon as it is exposed to it.

Ceasefire uses a 5% v/v concentration of the decontamination agent. This solution is diluted to 1% by mixing water.

Sodium Hypochlorite 5% solution is supplied as an accessory in two capacities :



What makes the Ceasefire decontamination systems truly remarkable:

- The systems generate Mist particles that are tiny droplets of about 70 micron in size. These droplets have a wider reach and cover a greater surface area for decontamination as compared to conventional method of dispersing.
- Since Mist has an extensive coverage, minimal amount of decontamination agent can sanitize relatively large area.
- Mist being minute in size; evaporates much faster, reducing the requirement for post sanitization clean up.

THE PROPULSION TECHNOLOGIES THAT DRIVE THE RANGE

At Ceasefire we understand that each premises is a unique in terms of area to be sanitized, risk factors associated with premises and people who will be responsible to use these systems.

That is the precise reason why two prime propulsion technologies are deployed in the Ceasefire sanitization range:

Air Cartridge Based Sanitization Systems

- Air cartridge is used as a propellant to activate the system.
- They are designed so that each air cartridge gives multiple sanitization applications before a refill is required.



Motor Based Sanitization Systems

- These systems are powered by an electric motor that gives continuous sterilization applications. Simply switch them on and go sterilizing!
- The system gives continuous sanitization applications without having to worry about changing the propellant cartridge.



CEASEFIRE LOW PRESSURE MIST BASED AREA SANITIZATION EQUIPMENT VARIANTS

Air Cartridge Based Sanitization Systems



Portable 9 Ltrs System



Trolley Mounted 9 Ltrs System



Trolley Mounted 45 Ltrs System

Motor Based Sanitization Systems



Trolley Mounted 9 Ltrs System



Trolley Mounted 50 Ltrs System



Trolley Mounted 100 Ltrs System

AIR CARTRIDGE BASED SANITIZATION SYSTEMS

1. Portable 9 Ltrs System

The 9 Ltrs Low Pressure Mist Based Area Sanitization System is a spot pressure based system that has an agent container body with a capacity of 9 Ltrs to store the decontamination agent.

The cylinder is attached to a 2 Ltr Air cartridge which has pressurised air at 200 bars that acts as a propellant. On activation, the air from the cartridge propels out the decontamination agent through a specially designed gun. The gun disperses the decontamination agent as small droplets or mist. This mist covers a much larger area as compared to any other conventional method of dispensing the mix.



Being multi-use equipment it can undertake up to 12 sterilizing applications with a single cartridge. This 9 Ltrs system is designed to give you 10 minutes of continuous discharge in every application. When the sanitizing agent is consumed up, one can easily top up the decontamination agent mix and continue the sanitizing activities.

2. Trolley Mounted 9 Ltrs System

The system is also available as a wheeled variant. The wheels make the system agile, easy to cart around and manoeuvre increasing its user friendliness quotient.

Wheels bring tremendous flexibility and ease of use for user who does not need to pick up the system and carry it to the decontamination site; anyone can cart the system to the site and use it; increasing its usability at large.



HOW TO MAKE THE SYSTEM COMBAT READY?

The Ceasefire 9 Ltrs Low Pressure Mist Based Area Sanitization Equipment is offered along with a potent disinfectant agent called Sodium Hypochlorite.

Two bottles of 900 ml of Sodium Hypochlorite solution is provided with this system. The system can be made ready by simply mixing water and the agent in prescribed proportions. One is required to mix 1.8 Ltrs (2 bottles of 900 ml) of Sodium Hypochlorite with 7.2 Ltrs of water and the system is ready for action.

TECHNICAL SPECIFICATIONS

Product Name		Portable 9 Ltrs. Low Pressure Mist Based Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one compressed air cylinder, one spare compressed air cylinder, one atomizing gun. Pressure Reducer, and backpack arrangement to carry the equipment on user's back. The equipment uses low pressure Watermist with 1% Sodium Hypochlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction (SS)	Stainless Steel 316L
ii.	Operating Pressure (≤ 15 bar)	Approx. 8 Bar
iii.	Pressure Tested to by OEM	35 Bar
iv.	Pressure gauge on Cylinder	Provided
v.	Pressure Release Valve	Provided
vi.	Color	Blue
vii.	Capacity in litres	9 L
viii.	Gross weight of filled system	24.8 Kg
B. Compressed Air Cylinder		
i.	Material of Construction	Mild Steel 34CrMo4
ii.	Pressurised to	200 Bar
iii.	Capacity	2 L
iv.	Pressure tested to	334 Bar
v.	Approvals	PESO & IS Approval
vi.	This compressed air cylinder can be used how many times without refilling with this equipment	Upto 12 Times*
C. System Specification		
i.	System Operating time	Minimum 9 Minutes
ii.	Flow rate (lpm)	Maximum 1 lpm
D. Gun Assembly		
i.	Material of Construction of Gun (SS)	Stainless Steel SS 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Gun Weight	Approx. 1.6 kg
iv.	Hose Pipe Length (minimum 1 meter)	1.2 Meter
E. CERTIFICATION to be submitted along with supplies		
i.	PESO approval for Compressed Air Cylinder.	
ii.	OEM own test report for 35 bar pressure test for solution cylinder.	

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

* The quality of throw and the repeated use of the air cylinder is subjected to following majors.

i) Ensure that the cylinder is filled with precisely 9 litre of 1% Solution. If it is more than 9 litre, the air space available will shrink and therefore, the equipment will not perform on expected lines.

ii) If 1% Solution is underfilled i.e. less than 9 liters, the equipment will consume more volume of air and therefore, the repeated use of air cylinder will climbdown.

iii) Also ensure that after pressurizing the equipment at 8 Bar the valve of air cylinder is closed tightly. If it is not fully closed the air will escape into the equipment drastically reducing air bank in the air cylinder.

Product Name		Trolley Mounted 9 Ltrs. Low Pressure Mist Based Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one compressed air cylinder, one spare compressed air cylinder, one atomizing gun with a Spray mode. Trolley arrangement to carry the equipment easily. The equipment uses low pressure Watermist with 1% Sodium Chlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction	Stainless Steel 316L
ii.	Operating Pressure (≤ 15 bar)	Approx. 8 Bar
iii.	Pressure Tested to by OEM	35 Bar
iv.	Pressure gauge on Cylinder	Provided
v.	Pressure Release Valve	Provided
vi.	Color	Cool Blue
vii.	Filter in Water Inlet	Provided
viii.	Dimension of Product (LxBxH)	Approx. 520 mm x 460 mm x 990 mm
B. Trolley Specification		
i.	Material of Construction	Mild Steel
ii.	Fixed Wheel Size	300 x 50 mm (2 Nos)
iii.	Revolving Wheel Size	150 x 50 mm (1 Nos)
iv.	Gun Holder	Provided
v.	Carrying Handle	Provided
vi.	Height of Trolley	Approx. 990 mm
C. Compressed Air Cylinder		
i.	Material of Construction	Mild Steel 34CrMo4
ii.	Pressurised to	200 Bar
iii.	Capacity	2 L
iv.	Pressure tested to	334 Bar
v.	Approvals	PESO & IS Approval
vi.	This compressed air cylinder can be used how many times without refilling with this equipment	Upto 12 Times*
D. System Specification		
i.	System Operating time	Minimum 9 Minutes
ii.	Flow rate (lpm)	Maximum 1 lpm
iii.	Gross Weight	Approx. 38.5 KG
iv.	Chemical Name	Sodium Hypochlorite 5%
v.	Solution	Solution of 1% Sodium Hypochlorite 1.8 Ltr (Sodium Hypochlorite 5%) + 7.2 Ltr (Water)
vi.	Commencement of Discharge	Within 5 sec
vii.	Operating Lever	Squeeze Grip Type or Hand lever Type
viii.	Range of Throw	≥ 2 Meter
ix.	Discharge Percentage	Minimum 90 %
E. Discharge Mechanism		
i.	Material of Construction	Stainless Steel 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Filter in Nozzle	Provided
iv.	Gun / Ball Valve Assembly Weight	Maximum 2.0 kg
v.	Hose Pipe Length	Minimum 1 meter
F. CERTIFICATION to be submitted along with supplies		
i.	PESO approval for Compressed Air Cylinder.	
ii.	OEM own test report for 35 bar pressure test for solution cylinder.	

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

* The quality of throw and the repeated use of the air cylinder is subjected to following majors.

i) Ensure that the cylinder is filled with precisely 9 litre of 1% Solution. If it is more than 9 litre, the air space available will shrink and therefore, the equipment will not perform on expected lines.

ii) If 1% Solution is underfilled i.e. less than 9 liters, the equipment will consume more volume of air and therefore, the repeated use of air cylinder will climbdown.

iii) Also ensure that after pressurizing the equipment at 8 Bar the valve of air cylinder is closed tightly. If it is not fully closed the air will escape into the equipment drastically reducing air bank in the air cylinder.

3. Trolley Mounted 45 Ltrs System

The Trolley Mounted Low Pressure Mist Based Area Sanitization System is also a spot pressure based system that has an agent container body with a capacity of 45 ltrs to store the decontamination agent.

The steel container is attached to a 6 ltrs Air cartridge which has pressurised air at 300 bars that acts as a propellant. On activation, the air from the cartridge propels out the decontamination agent through a specially designed gun. The gun disperses the decontamination agent as small droplets or fine mist. This mist covers a much larger area as compared to any other conventional method of dispensing the mix.

Being multi-use equipment it can undertake up to 12 sterilizing applications with a single cartridge. This 45 ltrs system is designed to give you 45 minutes of continuous discharge in every application. When the sanitizing agent is consumed up, one can easily top up the decontamination agent mix and continue the sanitizing activities.

This 45 ltrs variant is especially designed to effectively sanitise large premises with ease, without having to face the hassle of repeated refilling.



HOW TO MAKE THE SYSTEM COMBAT READY?

The Ceasefire 45 ltrs Low Pressure Mist Based Area Sanitization Equipment comes along with a potent decontamination agent called Sodium Hypochlorite.

Two cans of 5 ltrs of Sodium Hypochlorite solution is provided with this system. The system is made ready by simply mixing water and the agent in prescribed proportions. One is required to mix 9 ltrs of Sodium Hypochlorite with 36 ltrs of water and the system is ready for action.

TECHNICAL SPECIFICATIONS

Product Name		Trolley Mounted 45 Ltrs. Low Pressure Mist Based Large Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one compressed air cylinder, one spare compressed air cylinder, one atomizing gun, Pressure Reducer and trolley arrangement to carry the equipment easily. The equipment uses low pressure Watermist with 1% Sodium Hypochlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction (SS)	Stainless Steel SS 304
ii.	Operating Pressure	Approx. 13 Bar
iii.	Pressure Testing done by OEM on cylinder	30 Bar
iv.	Pressure gauge on Cylinder	Provided
v.	Pressure Release Valve	Provided
vi.	Color	Blue
vii.	Material of construction of trolley	Mild Steel
viii.	Capacity in litres	45 L
ix.	Gross weight of filled system	98 Kg
B. Compressed Air Cylinder		
i.	Material of Construction	Mild Steel 34CrMo4
ii.	Pressurised to	300 Bar
iii.	Capacity	6 L
iv.	Pressure tested to	500 Bar
v.	Approvals	PESO & IS Approval
vi.	This compressed air cylinder can be used how many times without refilling with this equipment	Upto 12 Times*
C. System Specification		
i.	System Operating time	Minimum 45 Minutes
ii.	Flow rate (lpm)	Maximum 1 lpm
D. Gun Assembly		
i.	Material of Construction of Gun (SS)	Stainless Steel SS 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Gun Weight	Approx. 1.6 kg
iv.	Hose Pipe Length	5 Meter
E. CERTIFICATION to be submitted along with supplies		
i.	PESO approval for Compressed Air Cylinder.	
ii.	OEM own test report for 30 bar pressure test for solution cylinder.	

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

* The quality of throw and the repeated use of the air cylinder is subjected to following majors.

i) Ensure that the cylinder is filled with precisely 45 litre of 1% Solution. If it is more than 45 litre, the air space available will shrink and therefore, the equipment will not perform on expected lines.

ii) If 1% Solution is underfilled i.e. less than 45 liters, the equipment will consume more volume of air and therefore, the repeated use of air cylinder will climbdown.

iii) Also ensure that after pressurizing the equipment at 13 Bar the valve of air cylinder is closed tightly. If it is not fully closed the air will escape into the equipment drastically reducing air bank in the air cylinder.

MOTOR BASED SANITIZATION SYSTEMS

Today's times there are certain premises that demand an ongoing decontamination of high touch surfaces. Such premises require a plug and go sanitization solution that keeps rolling. Keeping this in mind Ceasefire has a range of motor pump powered Low Pressure Mist Based Area Sanitization Systems.

The range comprises of:

1. Motorised Pump Based 9 Ltrs System

The system is a motorised water pump based system that uses single fluid technology to break down the decontamination agent into small mist particles. The agent in the cylinder is pushed out of the tank with a help of suction that is generated by an electrical motor pump.

The decontamination agent comes out of the system in form of tiny mist droplets. Mist being small in size spread over a larger surface area as compared to water droplets, thereby sanitizing larger surfaces with minimal quantity of the decontamination agent.

USP of the system is that one can use the system as many times by simply plugging it in to a power supply. This 9 ltrs motorised system is designed to give you 10 minutes of continuous discharge in a single application. When the sanitizing agent is consumed up, one can easily top up the decontamination agent mix and continue the sanitizing activities.



HOW TO MAKE THE SYSTEM COMBAT READY?

The Ceasefire 9 ltrs Low Pressure Mist Based Area Sanitization Equipment is offered along with a potent disinfectant agent called Sodium Hypochlorite.

Two bottles of 900 ml of Sodium Hypochlorite solution is provided with this system. The system can be made ready by simply mixing water and the agent in prescribed proportions. One is required to mix 1.8 ltrs (2 bottles of 900 ml) of Sodium Hypochlorite with 7.2 ltrs of water and the system is ready for action.

TECHNICAL SPECIFICATIONS

Product Name		Trolley Mounted 9 Ltrs. Motorised L.P. Mist Based Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one self priming pump, one electric cable reel, one atomizing gun with Spray mode. Trolley to carry the equipment easily. The equipment uses low pressure Watermist with 1% Sodium Hypochlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction	Stainless Steel 316L
ii.	Pressure Tested to by OEM	35 Bar
iii.	Color	Cool Blue
iv.	Filter in Water Inlet	Provided
v.	Dimension of Product (LxBxH)	Approx. 670 mm x 500 mm x 990 mm
B. Trolley Specification		
i.	Material of Construction	Mild Steel
ii.	Fixed Wheel Size	300 x 50 mm (2 Nos)
iii.	Revolving Wheel Size	150 x 50 mm (1 Nos)
iv.	Gun Holder	Provided
v.	Carrying Handle	Provided
vi.	Height of Trolley	Approx. 990 mm
C. Self Priming Pumps		
i.	Motor Rating (HP)	0.5 HP
ii.	Pipe Size (Suc. X Del.)	25 x 25
iii.	Rated RPM	2700
iv.	Full Load Current (Amp.)	2 Amp
v.	Power Supply	Single Phase
vi.	Capacitor Rating	10mfd
vii.	Ball Bearing	6202 ZZ
D. Electric Cable Reel Specification (Manual / Ratchet Type)		
i.	Type of Cable Reel	Manual or Ratchet Type
ii.	Material of Reel	Shock Resistant Plastic
iii.	Electrical Wire Specification	1.5 Sq.mm 3 Core Cable (ISI Marked)
iv.	Length of Cable	Minimum 15 meter
E. System Specification		
i.	Operating Time	Minimum 10 Minutes
ii.	Flow rate (lpm)	Maximum 0.9 lpm
iii.	Gross Weight	Approx. 51.90 KG
iv.	Chemical Name	Sodium Hypochlorite 5%
v.	Solution	Solution of 1% Sodium Hypochlorite 1.8 Ltr (Sodium Hypochlorite 5%) + 7.2 Ltr (Water)
vi.	Commencement of Discharge	Within 5 sec
vii.	Operating Lever	Squeeze Grip Type or Hand lever Type
viii.	Range of Throw	≥ 2 Meter
ix.	Discharge Percentage	Minimum 90 %
F. Discharge Mechanism		
i.	Material of Construction	Stainless Steel 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Filter in Nozzle	Provided
iv.	Gun / Ball Valve Assembly Weight	Maximum 2.0 kg
v.	Hose Pipe Length	Minimum 1 meter
G. Push Button (ISI Mark)		
i.	Amp Rating	6 Amp

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

2. Motorised Pump Based 50 Ltrs System

The trolley mounted 50 ltrs sanitization equipment is a motorised pump based system. It comprises of an agent cylinder which holds the decontamination mix and has a capacity of 50 ltrs. The system uses a motorised pump to propel the sterilizing agent out of the container body.

The motorised pump can be connected to a power supply. When the pump is switched on pressure is created that propels the decontamination agent out through a discharge gun.

This specially designed gun breaks down the decontamination agent into fine mist. This mist of the agent covers a large surface area effectively, leaving no gaps in the sterilizing process.

It is the on-the-go decontamination system. Just plug it on and keep going, as long as there is power supply and the decontamination mix in it there is no stopping. This 50 ltrs motorised system is designed to give you 60 minutes of continuous discharge in a single application. When the disinfectant solution is over, simply top it up again and continue sanitisation again.



HOW TO MAKE THE SYSTEM COMBAT READY?

The Ceasefire 50 ltrs Low Pressure Mist Based Area Sanitization Equipment is offered along with a potent disinfectant agent called Sodium Hypochlorite.

Two cans of 5 ltrs of Sodium Hypochlorite solution is provided with the system. The Sodium Hypochlorite solution comes in the concentrated form and has to be diluted with four parts of water to achieve the required concoction. The system is made ready by simply mixing water and the agent in prescribed proportions. One is required to mix 10 ltrs of Sodium Hypochlorite (2 cans of 5 ltrs) with 40 ltrs of water and the system is ready for action.

TECHNICAL SPECIFICATIONS

Product Name		Trolley Mounted 50 Ltrs. Motorised L.P. Mist Based Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one self priming pump, one electric cable reel, one atomizing gun with Spray mode. Trolley to carry the equipment easily. The equipment uses low pressure Watermist with 1% Sodium Hypochlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction of Main Cylinder	Plastic
ii.	Material of Construction of External Cover of Cylinder	Stainless Steel 304
iii.	Color	Cool Blue
iv.	Drainage for Residual	Provided
v.	Filter in Water Inlet	Provided
vi.	Dimension of Product (LxBxH)	Approx. 740 mm x 530 mm x 1290 mm
B. Trolley Specification		
i.	Material of Construction	Mild Steel
ii.	Fixed Wheel Size	300 x 50 mm (2 Nos)
iii.	Revolving Wheel Size	150 x 50 mm (2 Nos)
iv.	Gun Holder	Provided
v.	Carrying Handle	Provided
vi.	Height of Trolley	Approx. 1290 mm
C. Self Priming Pumps		
i.	Motor Rating (HP)	0.5 HP
ii.	Pipe Size (Suc. X Del.)	25 x 25
iii.	Rated RPM	2700
iv.	Full Load Current (Amp.)	2 Amp
v.	Power Supply	Single Phase
vi.	Capacitor Rating	10mfd
vii.	Ball Bearing	6202 ZZ
D. Electric Cable Reel Specification (Manual / Ratchet Type)		
i.	Type of Cable Reel	Manual or Ratchet Type
ii.	Material of Reel	Shock Resistant Plastic
iii.	Electrical Wire Specification	1.5 Sq.mm 3 Core Cable (ISI Marked)
iv.	Length of Cable	Minimum 15 meter
E. System Specification		
i.	Operating Time	Minimum 60 Minutes
ii.	Flow rate (lpm)	Maximum 0.833 lpm
iii.	Gross Weight	Approx. 101 KG
iv.	Chemical Name	Sodium Hypochlorite 5%
v.	Solution	Solution of 1% Sodium Hypochlorite 10 Ltr (Sodium Hypochlorite 5%) + 40 Ltr (Water)
vi.	Commencement of Discharge	Within 5 sec
vii.	Operating Lever	Squeeze Grip Type or Hand lever Type
viii.	Range of Throw	≥ 2 Meter
ix.	Discharge Percentage	Minimum 90 %
F. Discharge Mechanism		
i.	Material of Construction	Stainless Steel 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Filter in Nozzle	Provided
iv.	Gun / Ball Valve Assembly Weight	Maximum 2.0 kg
v.	Hose Pipe Length	Minimum 1 meter
G. Push Button (ISI Mark)		
i.	Amp Rating	6 Amp

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

3. Motorised Pump Based 100 Ltrs System

The 100 ltrs Ceasefire low pressure mist based pump type area sanitization equipment holds a large volume of decontamination agent and can be used for long haul operations.

The system has a 100 ltrs container body that holds an equal amount of the decontamination mix. The system has an in-built motorised pump that needs to be connected to a direct power source. On switching on the power the pump pressurises the decontamination mix forcing it out of the cylinder through a specially designed gun.

This gun breaks down the decontamination agent into tiny droplets that cover a large surface area, ensuring an effective sterilizing of the premises. The gun is equipped with a long throw that allows wide coverage of the concerned premises.

USP of the system is that one can use the system as many times by simply plugging it in to a power supply.

This 100 ltrs motorised system is designed to give you 120 minutes of continuous discharge in a single application. When the disinfectant solution is over, simply top it up again and continue sanitisation again.



HOW TO MAKE THE SYSTEM COMBAT READY?

The Ceasefire 100 ltrs Low Pressure Mist Based Area Sanitization Equipment is offered along with a potent disinfectant agent called Sodium Hypochlorite.

Four cans of 5 ltrs of Sodium Hypochlorite solution is provided with the system. The Sodium Hypochlorite solution comes in the concentrated form and has to be diluted with four parts of water to achieve the required concoction. The system is made ready by simply mixing water and the agent in prescribed proportions. One is required to mix 20 ltrs of Sodium Hypochlorite (4 cans of 5 ltrs) with 80 ltrs of water and the system is ready for action.

TECHNICAL SPECIFICATIONS

Product Name		Trolley Mounted 100 Ltrs. Motorised L.P. Mist Based Area Sanitization Equipment
Description		The equipment consists of a main cylinder for Sanitization Solution, one self priming pump, one electric cable reel, one atomizing gun with Spray mode. Trolley to carry the equipment easily. The equipment uses low pressure Watermist with 1% Sodium Hypochlorite solution to sanitize areas.
A. Cylinder for Solution		
i.	Material of Construction of Main Cylinder	Plastic
ii.	Material of Construction of External Cover of Cylinder	Stainless Steel 304
iii.	Color	Cool Blue
iv.	Drainage for Residual	Provided
v.	Filter in Water Inlet	Provided
vi.	Dimension of Product (LxBxH)	Approx. 760 mm x 530 mm x 1290 mm
B. Trolley Specification		
i.	Material of Construction	Mild Steel
ii.	Fixed Wheel Size	300 x 50 mm (2 Nos)
iii.	Revolving Wheel Size	150 x 50 mm (2 Nos)
iv.	Gun Holder	Provided
v.	Carrying Handle	Provided
vi.	Height of Trolley	Approx. 1290 mm
C. Self Priming Pumps		
i.	Motor Rating (HP)	0.5 HP
ii.	Pipe Size (Suc. X Del.)	25 x 25
iii.	Rated RPM	2700
iv.	Full Load Current (Amp.)	2 Amp
v.	Power Supply	Single Phase
vi.	Capacitor Rating	10mfd
vii.	Ball Bearing	6202 ZZ
D. Electric Cable Reel Specification (Manual / Ratchet Type)		
i.	Type of Cable Reel	Manual or Ratchet Type
ii.	Material of Reel	Shock Resistant Plastic
iii.	Electrical Wire Specification	1.5 Sq.mm 3 Core Cable (ISI Marked)
iv.	Length of Cable	Minimum 15 meter
E. System Specification		
i.	Operating Time	Minimum 120 Minutes
ii.	Flow rate (lpm)	Maximum 0.833 lpm
iii.	Gross Weight	Approx. 160 KG
iv.	Chemical Name	Sodium Hypochlorite 5%
v.	Solution	Solution of 1% Sodium Hypochlorite 20 Ltr (Sodium Hypochlorite 5%) + 80 Ltr (Water)
vi.	Commencement of Discharge	Within 5 sec
vii.	Operating Lever	Squeeze Grip Type or Hand lever Type
viii.	Range of Throw	≥ 2 Meter
ix.	Discharge Percentage	Minimum 90 %
F. Discharge Mechanism		
i.	Material of Construction	Stainless Steel 304
ii.	Type of Nozzle	Spray Mist Nozzle
iii.	Filter in Nozzle	Provided
iv.	Gun / Ball Valve Assembly Weight	Maximum 2.0 kg
v.	Hose Pipe Length	Minimum 1 meter
G. Push Button (ISI Mark)		
i.	Amp Rating	6 Amp

The technical specifications are subject to change due to ongoing research and development initiatives of Ceasefire.

CEASEFIRE SAFEPRO KIT AND ACCESSORIES

While keeping the surfaces decontaminated is the key to control COVID virus, the safety and well-being of the front liners who have taken up arms against the disease for the safety of rest is crucial as well.

To keep these fighters secure, the Ceasefire Mist based Sanitization Systems come with a specially designed Safety Kit.

■ Safepro Kit includes :

- i. Disposable Gloves (60 pairs)
 - ii. Disposable Mask (60 pieces)
 - iii. Protective Eyewear (4 pieces)
 - iv. Head Protection Gear (60 pieces)
- 900 ml Can of Sodium Hypochlorite 5%
 - 5 ltrs Can of Sodium Hypochlorite 5%
 - 2 ltrs Compressed Air Cylinder (Mild Steel)
 - 6 ltrs Compressed Air Cylinder (Mild Steel)



Disposable Gloves (60 pairs)



Disposable Mask (60 pieces)



Protective Eyewear (4 pieces)



Head Protection Gear (60 pieces)



6 ltrs (for 45 ltrs system)



2 ltrs (for 9 ltrs system)

Compressed Air Cylinder (Mild Steel)



Sodium Hypochlorite 5%



APPLICATION AREAS

Ceasefire Low Pressure Mist Based Area Sanitization Equipment can be used at:



Schools



Offices



Doctor Chambers



Hospitals



Factories



Corridors



Pathways



Malls



Airports



Metro and Railway
Coaches & Stations



Buses & Bus Stations



Isolation & Quarantine Centres



Residential Societies

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