

Ventilator

Cleaning and Disinfection Protocol



Cleaning/Disinfectant Selections

Name	Type
Ethanol 75%	Moderately efficient disinfectant
Isopropanol 75%	Moderately efficient disinfectant
Glutaraldehyde (2%)	Highly efficient disinfectant
Ortho-Phthalaldehyde disinfectant (such as Cidex® OPA) (Suitable for SV series)	Highly efficient disinfectant
Soap water (pH value of 7.0~10.5)	Rinsing agent
Clean water	Rinsing agent
Steam autoclave (134°C for 10 to 20 minutes recommended)	Highly efficient disinfection



Cleaning and Disinfection

Cleaning

Wipe: wipe with a damp cloth immersed in alkaline detergent (soap water, etc.) or alcohol solution and then wipe off the remaining detergent with a dry lint free cloth.

Immersion: flush with water first and then immerse it in alkaline detergent (soap water, etc.) for approximately three minutes (recommended water temperature is 40°C). Finally clean with water and dry completely.

Disinfection

Wipe: wipe with a damp cloth immersed in a medium or high-efficiency detergent and then wipe off the remaining detergent with a dry lint free cloth.

Immersion: immerse it in a medium or high-efficiency detergent for more than 30 minutes (recommended time). Then clean with water and dry completely.

Steam autoclave: 134°C for 10-20 minutes (recommended time)

Ultraviolet radiation: 30-60 minutes (recommended time)

Parts	Recommended Frequency	Cleaning	Disinfection
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Ventilator Housing

Ventilator external surface (including housing, power cord, supply gas hose))	Each patient	Wipe	Wipe Ultraviolet radiation
Trolley and support arm	Each patient	Wipe	Wipe Ultraviolet radiation
Touchscreen	Each patient	Wipe	Wipe Ultraviolet radiation
Fan dust filter	Every four weeks/as necessary	Immersion	Immersion
Fan filter (filter at air intake vent) (E Series)	Every weeks/as necessary	Immersion	Ultraviolet radiation
Main unit air outlet dust filter (SV Series)	Every four weeks/as necessary	Immersion	Immersion
Air intake dust filter (SV Series)	Every four weeks/as necessary	Immersion	Immersion

Ventilator inspiration safety valve assembly

Inspiration safety valve assembly	As necessary	Immersion	Immersion Steam autoclave
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Ventilator expiration valve assembly

Expiration valve assembly	Each patient/weekly	Immersion	Immersion Steam autoclave
Expiration valve flow sensor (E series)	Each patient/weekly	Immersion	Immersion

Ventilator patient tubing (reusable)

Patient tubing (including watertrap, Y piece, adapter)	Each patient/weekly	Immersion	Immersion Steam autoclave
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Before cleaning and disinfecting your equipment, please read carefully the 'Care and Cleaning' chapter in the device's operators manual.