

## **Disinfection and Sterilization Guide**

This guide is intended for multi-patient use of the F&P Evora<sup>™</sup> Full Face mask in the hospital, or other clinical settings, where proper disinfection or sterilization of the device must occur between patients. When using the mask for single-patient use in the home, please refer to your Evora Full Use and Care Guide under 'Cleaning Your Mask at Home'.

	Thermal Disinfection  In line with EN ISO 15883, the uncertainty range for disinfection temperature is -0 °C and +5 °C.		Chemical Disinfection	Sterilization	
Mask Components	1 min at 90 °C (194 °F)	10 mins at 80 °C (176 °F)	30 mins at 75 °C (167 °F)	CIDEX® OPA¹, MetriCide™ OPA Plus² or Rapicide® OPA/28³	Sterrad <sup>®4</sup>
F&P Evora Full Face Mask • Frame	Replace these parts with new parts between patients				
Seal*     Tube     Swivel	15 cycles	-	-	25 cycles	-
F&P Evora Full Face Headgear  • Headgear**  • Headgear clips**  • Frame clip**	25 cycles	-	-	-	<u>-</u>

<sup>\*</sup>Replace seal if it discolors.

## **A**General Warnings and Cautions

The instructions provided in this guide have been validated as being capable of preparing the masks for re-use. Fisher & Paykel Healthcare does not recommend any deviations from the recommended method of reprocessing.

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Warning	Deviations from the recommended methods of reprocessing may result in inadequate disinfection/sterilization and adverse health effects.			
Warning	Frequency of cleaning, methods of cleaning or the use of cleaning agents, other than those specified in the accompanying documents or exceeding the number of processing cycles, can have an adverse effect on the mask and consequently the safety or the quality of the therapy.			
Caution	Only clean the mask with cleaning products specified in the cleaning instructions of this guide, as any other products may result in an adverse reaction if cleaning residue is left behind.			
Caution	Do not clean the mask with products containing alcohol, antibacterial agents, antiseptic, bleach, chlorine or moisturizer as these may compromise the function of the mask.			
Caution	Do not clean the mask in a dishwasher as this may compromise the function of the mask.			



<sup>\*\*</sup>If contaminated with blood, please replace the contaminated component between patients. Each cycle is limited to one day of use.

## **Validated Disinfection and Sterilization Procedures**

Point of Use	Remove any gross soiling on the mask by wiping or rinsing in potable water.						
Disassembly	Disassemble the mask according to the Disassembling your Mask and the Advanced Disassembly instructions provided in the Evora Full Use and Care Guide. Caution: Failure to fully disassemble the mask may compromise the effectiveness of cleaning and the subsequent disinfection/sterilization steps which may result in a range of harms, some of which are severe.						
Cleaning	Masks should always be properly cleaned before further reprocessing. <b>Warning:</b> Failure to properly clean this device may result in ineffective disinfection/sterilization and adverse health effects.						
	Cleaning the mask	Soak all reprocessable parts of the mask in a solution of mildly alkali, anionic detergent, e.g. Alconox <sup>5</sup> , according to the manufacturer's instructions (at 1% concentration and 50 °C for 10 mins), ensuring that no air bubbles are present on the device surface.					
	Seal, Tube, Swivel	Using a soft non-metallic brush, e.g. medium-hard toothbrush, vigorously brush the mask parts until visibly clean but not for less than 10 seconds. An additional narrow bottle brush is required to access the Tube. Pay close attention to crevices and cannulations, such as the join between the silicone seal and plastic housing. Rinse by submerging in 5 liters of demineralised water and agitating for at least 10 seconds. Repeat rinse.					
	Headgear, Headgear Clips, Frame Clip	' Cavities and corners. Dince linder running water for at least 40 seconds, intermittently wringing the tabric. Submerge in 5 liters of demineralised water while aditating and					
	Ensure the mask is visually clean before continuing. If not, repeat the cleaning step above.						
Drying	Make sure mask components are thoroughly dry before continuing by leaving them to air dry out of direct sunlight. Failure to do this may result in ineffective chemical disinfection/sterilization.						
Disinfection or Sterilization	Thermal Disinfection		Chemical Disinfection	Sterilization			
	For all reprocessable components:						
	Run a disinfection cycle in an automatic washer-disinfector using one of the time/temperature combinations shown on the front page of this guide. These time/temperature combinations are consistent with EN ISO 15883 and are equivalent in terms of known thermal inactivation kinetics of vegetative microorganisms, meeting an $\rm A_{\odot}$ of 600.		Immerse completely in an undiluted bath of CIDEX® OPA, MetriCide™ OPA Plus or Rapicide® OPA/28 at 20 °C for 12 minutes, ensuring that no air bubbles are present on the device surface.  Rinse thoroughly following the manufacturer's rinsing instructions.	Run a standard cycle in a STERRAD NX, 100S or 100NX Sterilization System according to the manufacturer's instructions.			
Drying	Allow all components to air dry out of direct sunlight.						
Inspection	Before each use, inspect the mask for deterioration. If any visible deterioration of a mask component is apparent, the mask component should be discarded and replaced.						
Reassembly	Reassemble the mask according to the Assembling your Mask and the Advanced Assembly instructions given in the Evora Full Use and Care Guide.						
Storage	Ensure the mask is completely dry before storing. Store in clean conditions out of direct sunlight. Storage temperature: -20 °C to 50 °C (-4 °F to 122 °F).						
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- 1. Cidex is a registered trademark of Advanced Sterilization Products, a division of Ethicon Inc., a Johnson & Johnson Company.
- MetriCide is a registered trademark of Metrex Research.
- Rapicide is a registered trademark of Medivators Inc.
- 4. Sterrad is a registered trademark of Advanced Sterilization Products, a division of Ethicon Inc., a Johnson & Johnson Company,
- Alconox is a trademark of Alconox, Inc.

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