

This guide is intended for multi-patient use of Fisher & Paykel Vitera™ Full Face mask in the hospital, or other clinical settings, where proper disinfection/sterilization of the device must occur between patients. If you use the mask as a single-patient user in the home, please refer to your mask user instructions under “Cleaning your mask at home”.

Note: Only Vitera mask components listed in the table below have been validated according to these instructions for reprocessing between patients

Mask Components	Replace these parts with new parts between patients	Thermal Disinfection <i>In line with EN ISO 15883, the uncertainty range for disinfection temperature is -0°C and +5°C</i>			Chemical Disinfection CIDEX® OPA ¹ , MetriCide™ OPA Plus ² or Rapicide® OPA/28 ³ .	Sterilization Sterrad® ⁴ .	Validated number of cycles
		1min at 90 °C (194 °F)	10mins at 80 °C (176 °F)	30mins at 75 °C (167 °F)			
F&P Vitera Full Face mask • Seal* • Frame • Swivel	Elbow	✓	✓	✓	✓	✓	20
F&P Vitera Headgear • Headgear** • Headgear clips** • Forehead clips**		✓	✓	✓	-	-	20

*Replace seal if it discolours.

**If contaminated with blood, please replace the contaminated component between patients.

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 Disassembly for Cleaning and the Advanced Assembly/Disassembly instructions given in the Vitera Use and Care Guide.			
Cleaning	Masks should always be properly cleaned before further reprocessing is undertaken, failure to do this may result in ineffective disinfection/sterilization.			
	<table border="0"> <tr> <td style="vertical-align: top;"><i>Cleaning the mask</i></td> <td>Soak all reprocessible parts of the mask in a solution of mildly alkali, anionic detergent e.g. Alconox⁵ according to the manufacturer’s instructions (at 1% concentration and 50°C for 10mins), ensuring that no air bubbles are present on the device surface. 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. Pay close attention to crevices, cavities and corners, such as the join between the silicone seal and plastic housing. Rinse by submerging in 5 litres of demineralised water and agitating for at least 10 seconds. Repeat rinse.</td> </tr> <tr> <td style="vertical-align: top;"><i>Cleaning the headgear</i></td> <td>Soak the headgear assembly in a solution of mildly alkali, anionic detergent e.g. Alconox, according to the manufacturer’s instructions (at 1% concentration and 50°C for 10mins), ensuring that no air bubbles are present on the device surface. Using a soft non-metallic brush (e.g. medium-hard toothbrush), scrub the headgear and clips until visibly clean but not for less than 30 seconds. Pay close attention to crevices, cavities and corners. Rinse under running water for at least 30 seconds, intermittently wringing the fabric. Submerge in 5 litres of demineralised water while agitating and squeezing for at least 30 seconds. Repeat submerged rinse. Repeat submerged rinse as necessary to ensure that all detergent residue is removed.</td> </tr> </table>	<i>Cleaning the mask</i>	Soak all reprocessible parts of the mask in a solution of mildly alkali, anionic detergent e.g. Alconox ⁵ according to the manufacturer’s instructions (at 1% concentration and 50°C for 10mins), ensuring that no air bubbles are present on the device surface. 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. Pay close attention to crevices, cavities and corners, such as the join between the silicone seal and plastic housing. Rinse by submerging in 5 litres of demineralised water and agitating for at least 10 seconds. Repeat rinse.	<i>Cleaning the headgear</i>
<i>Cleaning the mask</i>	Soak all reprocessible parts of the mask in a solution of mildly alkali, anionic detergent e.g. Alconox ⁵ according to the manufacturer’s instructions (at 1% concentration and 50°C for 10mins), ensuring that no air bubbles are present on the device surface. 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. Pay close attention to crevices, cavities and corners, such as the join between the silicone seal and plastic housing. Rinse by submerging in 5 litres of demineralised water and agitating for at least 10 seconds. Repeat rinse.			
<i>Cleaning the headgear</i>	Soak the headgear assembly in a solution of mildly alkali, anionic detergent e.g. Alconox, according to the manufacturer’s instructions (at 1% concentration and 50°C for 10mins), ensuring that no air bubbles are present on the device surface. Using a soft non-metallic brush (e.g. medium-hard toothbrush), scrub the headgear and clips until visibly clean but not for less than 30 seconds. Pay close attention to crevices, cavities and corners. Rinse under running water for at least 30 seconds, intermittently wringing the fabric. Submerge in 5 litres of demineralised water while agitating and squeezing for at least 30 seconds. Repeat submerged rinse. Repeat submerged rinse as necessary to ensure that all detergent residue is removed.			
Drying	Make sure mask components are thoroughly dry before continuing by leaving to air dry out of direct sunlight. Failure to do this may result in ineffective chemical disinfection/sterilization			

	Thermal Disinfection	Chemical Disinfection	Sterilization
Disinfection or Sterilization	For all reprocessible 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 micro-organisms, meeting an A ₀ of 600.	1. 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. 2. Rinse thoroughly following the manufacturer's rinsing instructions.	Utilize 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 Mask Assembly and the Advanced Assembly/Disassembly instructions given in the Vitera 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).		
General Warnings and Cautions	<p>The instructions provided above 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. The following actions may deteriorate or damage the mask and shorten its life:</p> <ul style="list-style-type: none"> Do not iron the headgear. Do not clean the mask with products containing alcohol, anti-bacterial agents, antiseptic, bleach, chlorine or moisturizer. Do not wash the mask in a dishwasher. <p>NB. If your Fisher & Paykel Healthcare mask weakens or cracks, discontinue use and seek replacement immediately.</p>		

1. Product of Advanced Sterilization Products, division of Ethicon Inc., a Johnson & Johnson company.
2. Product of Metrex™ Research, LLC.
3. Product of Medivators Inc.
4. Product of Advanced Sterilization Products, division of Ethicon Inc., a Johnson & Johnson company.
5. Product of Alconox Inc.

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Manufacturer Fisher & Paykel Healthcare Ltd, 15 Maurice Paykel Place, East Tamaki, Auckland 2013, PO Box 14 348 Panmure, Auckland 1741, New Zealand Tel: +64 9 574 0100 Fax: +64 9 574 0158 Email: info@fphcare.co.nz Web: www.fphcare.com Importer/ Distributor **Australia** (Sponsor) Fisher & Paykel Healthcare Pty Ltd, 19-31 King Street, Nunawading, Melbourne, Victoria 3131. Tel: +61 3 9871 4900 Fax: +61 3 9871 4998 **Austria** Tel: 0800 29 31 23 Fax: 0800 29 31 22 **Benelux** Tel: +31 40 216 3555 Fax: +31 40 216 3554 **Brazil** Fisher & Paykel do Brasil, Rua Sampaio Viana, 277 cj 21, Paraíso, 04004-000, São Paulo – SP, Brazil Tel: +55 11 2548 7002 **China** 代理人/售后服务机构: 费雪派克医疗保健 (广州) 有限公司, 广州高新技术产业开发区科学城科丰路31号G12栋301号 电话: +86 20 32053486 传真: +86 20 32052132 **Denmark** Tel: +45 70 26 37 70 Fax: +46 83 66 310 **Finland** Tel: +358 9 251 66 123 Fax: +46 83 66 310 **France**  Fisher & Paykel Healthcare SAS, 10 Av. du Québec, Bât F5, BP 512, Villebon-sur-Yvette, 91946 Courtaboeuf Cedex, France Tel: +33 1 6446 5201 Fax: +33 1 6446 5221 Email: c.s@fphcare.fr **Germany** Fisher & Paykel Healthcare GmbH, Deutschland, Österreich, Schweiz, Wiesenstrasse 49, D 73614 Schorndorf, Germany Tel: +49 7181 98599 0 Fax: +49 7181 98599 66 **Hong Kong** Tel: +852 2116 0032 Fax: +852 2116 0085 **India** Tel: +91 80 2309 6400 **Ireland** Tel: 1800 409 011 Fax: +44 1628 626 146 **Italy** Tel: +39 06 7839 2939 Fax: +39 06 7814 7709 **Japan** Tel: +81 3 5117 7110 Fax: +81 3 5117 7115 **Korea** Tel: +82 2 6205 6900 Fax: +82 2 6309 6901 **Mexico** Tel: + 52 55 9130 1626 **Norway** Tel: +47 21 60 13 53 Fax: +47 22 99 60 10 **Poland** Tel: 00800 49 119 77 Fax: 00800 49 119 78 **Russia** Tel. and Fax: +7 495 782 21 50 **Spain** Tel: +34 902 013 346 Fax: +34 902 013 379 **Sweden** Tel: +46 8 564 76 680 Fax: +46 8 36 63 10 **Switzerland** Tel: 0800 83 47 63 Fax: 0800 83 47 54 **Taiwan** Tel: +886 2 8751 1739 Fax: +886 2 8751 5625 **Turkey** İthalatçı Firma: Fisher Paykel Sağlık Ürünleri Ticaret Limited Şirketi, İletişim Bilgileri: Ostim Mahallesi 1249. Cadde No:6, Yenimahalle, Ankara, Türkiye 06374, Tel: +90 312 354 34 12 Fax: +90 312 354 31 01 **UK** Fisher & Paykel Healthcare Ltd, Unit 16, Cordwallis Park, Clivemont Road, Maidenhead, Berkshire SL6 7BU, UK Tel: 0800 132 189 Fax: +44 1628 626 146 **USA/Canada** Tel: 1800 446 3908 or +1 949 453 4000 Fax: +1 949 453 4001