



Ventoux SW 1.28 Release Note

R&D QA General
 Production

DOCUMENT NUMBER: DOC-1140

COVER PAGE


APPROVAL				
	Name	Title	Date	Signature
Written by	Shimrit Weinberg	Product manager	Per Arena	Per Arena
Updated by	David Chen	R&D SW manager	Per Arena	Per Arena
Reviewed by	Eyal Ozeri	QA & Regulatory manager	Per Arena	Per Arena
Approved by	Amir Kleinstern	CEO	Per Arena	Per Arena

R&D QA General
 Production

DOCUMENT NUMBER: DOC-1140

CONTENTS

1. GENERAL	3
2. NEW OR DROPPED FEATURES	3
2.1. DROPPED FEATURES	3
2.2. NEW FEATURES.....	3
3. CHANGES TO RELEASE	3
3.1. DIFFERENTIATION BETWEEN US AND ROW VERSIONS.....	3
3.1.1. US/ROW CHECKBOX IN SERVICE SCREEN	3
3.2. HFOT.....	3
3.2.1. HFOT START BUTTON.....	3
3.2.2. HFOT ENABLED ONLY WITH HIGH PRESSURE O2 SOURCE	3
4. KNOWN ANOMALIES	4
5. OPERATING SYSTEM SUPPORTED.....	4
6. SYSTEM REQUIREMENTS	4
7. FILES ISSUED	4
8. DEPLOYED INSTRUCTIONS	4
9. RELATED DOCUMENTATION	5

 Flight Medical®	<h1>Ventoux SW 1.28 Release Note</h1>
<input type="checkbox"/> R&D <input type="checkbox"/> QA <input type="checkbox"/> General <input checked="" type="checkbox"/> Production	<p>DOCUMENT NUMBER: DOC-1140</p>

1. GENERAL

This SW version release differentiate between ROW (rest of the world) and US with regards to nebulizer and distal circuit connection – this is due to different regulatory approvals in different territories.

2. NEW OR DROPPED FEATURES

2.1. Dropped features

No dropped features in the release.

2.2. New features

No new features were added

3. CHANGES TO RELEASE

3.1. Differentiation between US and ROW versions

3.1.1. US/ROW checkbox in service screen

In the service screen-system configuration-additional features there are two options to choose from: US or ROW.

If US option is checked:

- Nebulizer is disabled
- Distal connection (universal circuit without flow sensor) option is disabled.

3.2. HFOT

3.2.1. HFOT start button

When in HFOT the start button was change from “Start Ventilation” to “Start HFOT”.

3.2.2. HFOT enabled only with high pressure O2 source

If no high pressure O2 is connected – “Start HFOT” button is disabled.

3.2.3. No Capnography during HFOT

In HFOT mode capnography is disabled.

3.2.4. Flow Blockage alarm

Flow blockage alarm is not configurable and is constant 50 CmH2O.

4. KNOWN ANOMALIES

See “DOC-0998 Unresolved Bugs for SW Version 1.22” (as no changes other than the specific bugs fix were made to SW 1.22).

5. OPERATING SYSTEM SUPPORTED

All of Ventoux ventilator versions.

6. SYSTEM REQUIREMENTS

NA

7. FILES ISSUED

- flight-software-package-1.28.5.zip
- mmc-4GB
- VENTOUX Import zip file


8. DEPLOYED INSTRUCTIONS

Required equipment:

USB storage device with the new SW version (**.gpg** file)

NOTICE: two power sources are required for SW update process (AC power source and one battery or both batteries)

1. Enter the service screen with technician password.
2. Go to Tools tab.
3. Enter Software update screen.
4. Plug in the USB storage device to a USB port at the back panel of the ventilator.
5. Choose the new SW version.
6. Press Start.
7. At the end of the process, the ventilator will shut down.

 Flight Medical®	Ventoux SW 1.28 Release Note
<input type="checkbox"/> R&D <input type="checkbox"/> QA <input type="checkbox"/> General <input checked="" type="checkbox"/> Production	DOCUMENT NUMBER: DOC-1140

9. RELATED DOCUMENTATION

- DOC-0468 A17 Ventoux Operating Manual
- DOC-0751 A10 Ventoux Service Manual
- DOC-0998 Unresolved Bugs for SW Version 1.22