



Flight 60 SW Version Release

R&D QA GN
 PR CS

APPROVAL

	Name	Title	Date	Signature
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REVISION HISTORY

Date	Revision #	Change Description
2/7/18	A	Initial Version

Flight 60 Turbine SW Version Release

Version 5.30

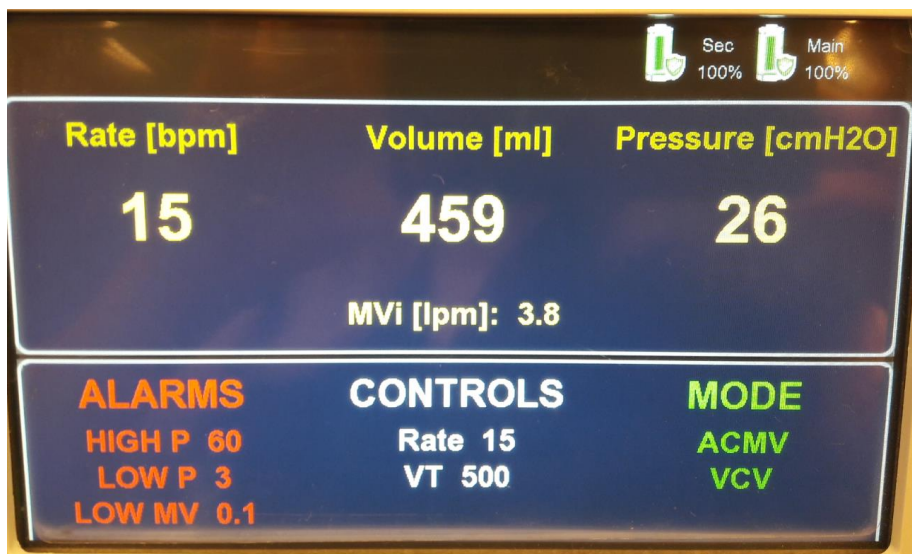
New features:

1. Home care user interface
2. New Ventilation state – Stand by
3. Check circuit alarm
4. Lung Mechanics
5. Customized BUV (Back Up Ventilation)
6. Adjustable Purge operation
7. Modified O2 leak alarm
8. Known Issues

1. Home care user interface:

Enter the advanced screen → insert password → Additional conf. → Home care=ON

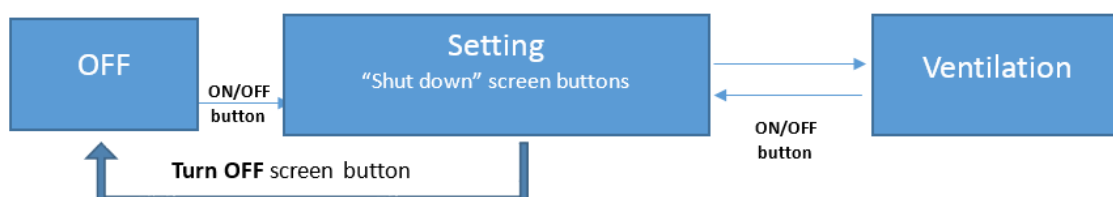
After starting ventilation the following screen will be display:



In order to exit the home-care user interface press the home screen button. Pressing home screen button will reactivate the home care user interface

2. New Ventilation state – Stand by:

The user no longer goes directly to shutting down the ventilator when stopping ventilation.



3. Check circuit alarm:


Check circuit alarm will also alert in case of an expiratory limb disconnection.

4. Lung Mechanics

The following lung mechanics monitoring parameters can be measured with the Flight 60:

Parameter (unit)	Definition
Plateau Pressure (cmH ₂ O)	The pressure applied to the small airways and alveoli.
Static Compliance – Cstat (ml/cmH ₂ O)	Static (during zero flow maneuver) compliance of the lung and chest wall.

To activate maneuver:

- During ventilation go to the **Technical** /  screen
- Turn ON the maneuver

Lung mechanics display is located on the main monitoring area of the screen and is displayed automatically for 10 seconds.

Cstat 64.5	--
Pplat 10.1	
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To switch back to the main ventilation parameters display either touch the tabulated area of the screen or wait 10 seconds.

5. Customized BUV (Back Up Ventilation)

Normal BUV (Backup Ventilation) is activated when Apnea is detected; in BUV the ventilator switches to a default set of ventilation parameters that can't be modified by the user.

Customized BUV on the other hand enables the user to define and set all parameters including alarms and save the customized BUV parameters. Turning Customized BUV off returns the user to normal BUV operation.

To activate and save Customized BUV:

- Go to the **Technical /**  screen and enter the password protected **ADVANCED Screen**.
- Press the password protected **Customized BUV** button and change it to **ON**.
- Change the ventilator parameters to the needed BUV values, Go to the **Technical /**  screen, press the **Set Save** button and choose the **Customized BUV** button from the pull-up menu.

Saving a set while Customized BUV feature is ON, requires a password (1315).

There's no possibility to store SPONT, VtG and B-LEV modes as a Custom BUV or set predefined exhalation time greater than the predefined Apnea interval.


Customized BUV caution:

- If customized BUV is ON when the vent is switched to settings mode, the caution "Custom BUV is Active!" appears along with a buzzer sequence.
- Resetting the caution will cause the buzzer sequence to stop, but the "Customized BUV is Active!" caution will be displayed until starting ventilation.

6. Adjustable Purge Operation

Time interval default of Purge pump operation is 300 seconds. The user has the possibility to change the time interval between 60 to 300 seconds with resolution of 20 seconds.

To activate Purge Period:

- Go to the **Technical** /  screen and enter the password protected **ADVANCED Screen**.
- Press the **Purge Period** button and change the time interval (in seconds).

During purge, 'Purge Operation' caution is indicated on the screen. The caution clears once purge ends.

7. Modified O2 leak alarm

The following messages will appear on high level O2 leak alarm:

'FiO2 supply will be disconnected'

8. Known Issues

- Updating to version to 5.30, cause a **fault** "Customize BUV is ON" caution. Pressing alarm reset hides the caution.
- Bias flow calibration should be performed only after setting the extended controller Bias flow to OFF.

Please refer to the updated Flight 60 Operator Manual and to the Service Manual for additional information.