



Quick start guide

The **EOlife Connect MD** is compatible with PC, Mac and Linux.

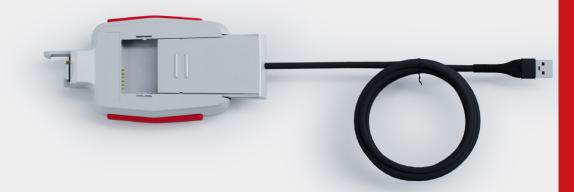
Stay tuned to be informed about application updates

# **EOLIFE CONNECTION**





Plug in **EOlife** using the data transfer cable.





Turn on **EOlife**.

When **EOlife** is powered by the data transfer cable, it remains on the following startup screen.

**EOLIFE CONNECT MD** can be started before or after EOlife connection.



#### **INSTALLATION ON WINDOWS & MAC**

On Windows and MacOS, the **EOlife Connect MD** executable is portable, which means that it does not need to be installed; you simply have to run it by double-clicking on it.



On Windows and MacOS, installation of FTDI drivers may be necessary, see : https://ftdichip.com/drivers/

# TRANSFER DATA FROM EOLIFE TO EOLIFE CONNECT MD





Plug in **EOlife** using the data transfer cable and turn it on.

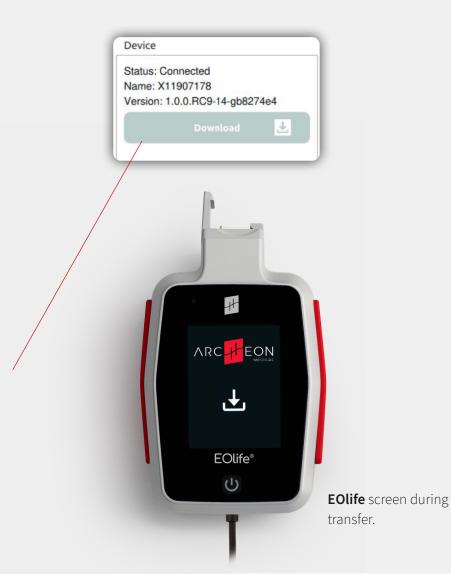


Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.



Click on the download button.

The transfer will begin.

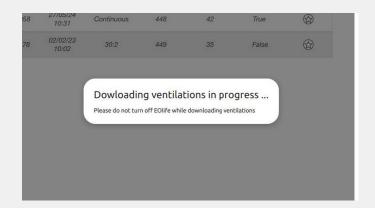




Wait during the download phase.

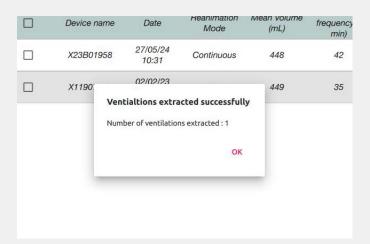


DO NOT unplug EOlife during this process.





When the download phase is complete, a notification will indicate how many ventilations have been downloaded.

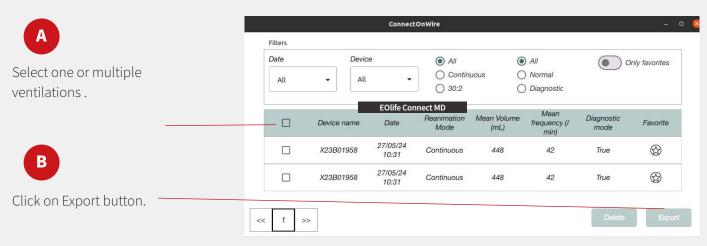


## SAVING DOWNLOADED VENTILATIONS

Ventilations are saved in a local database. If the download fails for any reason, please contact the Archeon Support:

product-request@archeon-medical.com

#### **EXPORT VENTILATION DATA**





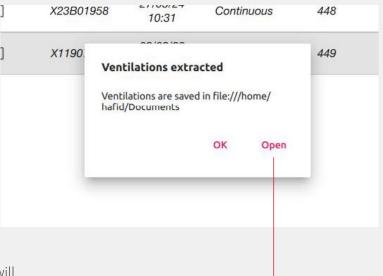
Select the folder where you want to export the CSV files.



A notification will confirm the export.



By clicking on «Open», you will open the folder where CSV files are saved





#### A complete ventilation data

Lastname	Age	Date	Time	Patient Type	Patient Size	Mode	Training	FrequencyMode	Leakage alar	EOlife
undefined	undefined	19/07/2024	09:34:00	adult	Medium	Continuous	Monitored	ERC	ON	22390001
Time (hh:mm:ss:SS)	Ti (ms)	Te (ms)	Tp (ms)	Freq (/min)	Vi (mL)	Vt (mL)	Leakage (mL)	Leakage ratio (%)		
1 00:00:00:00	1570	470	5990	7	433	433	0	0		
2 00:00:08:03	1290	450	7780	6	429	429	0	0		
3 00:00:17:55	1160	503	3998	10	487	487	0	0		
4 00:00:23:21	1060	484	4527	9	466	466	0	0		
5 00:00:29:28	1316	498	3168	12	466	466	0	0		
6 00:00:34:26	1048	489	3826	11	462	462	0	0		
7 00:00:39:62	986	470	4599	9	440	440	0	0		
8 00:00:45:68	884	630	4730	9	751	751	0	0		
9 00:00:51:92	1003	481	4592	9	434	434	0	0		
00:00:58:00	596	475	521	37	459	459	0	0		
1 00:00:59:59	676	486	465	36	466	466	0	0		
2 00:01:01:22	682	512	469	36	496	496	0	0		
3 00:01:02:88	655	488	5175	9	464	464	0	0		
4 00:01:09:20	689	469	5363	9	458	458	0	0		
2 3 4 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	undefined  Time (hh:mm:ss:SS) 1 00:00:00:00 2 00:00:80:3 3 00:00:17:55 4 00:00:23:21 5 00:00:29:28 6 00:00:34:26 7 00:00:39:62 8 00:00:45:68 9 00:00:51:92 0 00:00:58:00 1 00:00:59:59 2 00:01:01:22 8 00:01:02:88	undefined undefined  Time (hh:mm:ss:SS) Ti (ms) 1 00:00:00:00 1570 2 00:00:08:03 1290 3 00:00:17:55 1160 4 00:00:23:21 1060 5 00:00:29:28 1316 0 00:00:34:26 1048 7 00:00:39:62 986 3 00:00:45:68 884 9 00:00:51:92 1003 0 00:00:58:00 596 1 00:00:59:59 676 2 00:01:01:22 682 8 00:01:01:22 682	undefined         undefined         19/07/2024           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)           L 00:00:00:00         1570         470           2 00:00:08:03         1290         450           3 00:00:17:55         1160         503           4 00:00:23:21         1060         484           5 00:00:29:28         1316         498           6 00:00:34:26         1048         489           7 00:00:39:62         986         470           8 00:00:45:68         884         630           9 00:00:51:92         1003         481           0 00:00:58:00         596         475           1 00:00:59:59         676         486           2 00:01:01:22         682         512           3 00:01:02:88         655         488	undefined         undefined         19/07/2024         09:34:00           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)           L 00:00:00:00         1570         470         5990           2 00:00:08:03         1290         450         7780           3 00:00:17:55         1160         503         3998           4 00:00:23:21         1060         484         4527           5 00:00:29:28         1316         498         3168           5 00:00:34:26         1048         489         3826           7 00:00:39:62         986         470         4599           3 00:00:45:68         884         630         4730           2 00:00:51:92         1003         481         4592           1 00:00:58:00         596         475         521           1 00:00:59:59         676         486         465           2 00:01:01:22         682         512         469           3 00:01:02:88         655         488         5175	undefined         undefined         19/07/2024         09:34:00         adult           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)           L 00:00:00:00         1570         470         5990         7           2 00:00:08:03         1290         450         7780         6           3 00:00:17:55         1160         503         3998         10           4 00:00:23:21         1060         484         4527         9           5 00:00:29:28         1316         498         3168         12           5 00:00:34:26         1048         489         3826         11           7 00:00:39:62         986         470         4599         9           3 00:00:45:68         884         630         4730         9           9 00:00:51:92         1003         481         4592         9           0 00:00:58:00         596         475         521         37           1 00:00:59:59         676         486         465         36           2 00:01:01:22         682         512         469         36           3 00:01:02:88         655         488         5175         9 </td <td>undefined         undefined         19/07/2024         09:34:00         adult         Medium           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)           L 00:00:00:00         1570         470         5990         7         433           2 00:00:08:03         1290         450         7780         6         429           3 00:00:7:55         1160         503         3998         10         487           4 00:00:23:21         1060         484         4527         9         466           5 00:00:29:28         1316         498         3168         12         466           5 00:00:34:26         1048         489         3826         11         462           7 00:00:39:62         986         470         4599         9         440           3 00:00:45:68         884         630         4730         9         751           2 00:00:51:92         1003         481         4592         9         434           0 00:00:58:00         596         475         521         37         459           1 00:00:59:59         676         486         465         36         46</td> <td>undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)           L 00:00:00:00         1570         470         5990         7         433         433           2 00:00:08:03         1290         450         7780         6         429         429           3 00:00:17:55         1160         503         3998         10         487         487           4 00:00:23:21         1060         484         4527         9         466         466           5 00:00:29:28         1316         498         3168         12         466         466           5 00:00:34:26         1048         489         3826         11         462         462           7 00:00:39:62         986         470         4599         9         440         440           3 00:00:45:68         884         630         4730         9         751         751           2 00:00:51:92         1003         481         4592         9         434         434           0 00:00:58:00</td> <td>undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)           L 00:00:00:00         1570         470         5990         7         433         433         0           2 00:00:08:03         1290         450         7780         6         429         429         0           3 00:00:17:55         1160         503         3998         10         487         487         0           4 00:00:23:21         1060         484         4527         9         466         466         0           5 00:00:29:28         1316         498         3168         12         466         466         0           5 00:00:34:26         1048         489         3826         11         462         462         0           7 00:00:39:62         986         470         4599         9         440         440         0           3 00:00:45:68         884         630         4730         9         751         751         0</td> <td>undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored         ERC           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)         Leakage ratio (%)           L 00:00:00:00         1570         470         5990         7         433         433         0         0           2 00:00:08:03         1290         450         7780         6         429         429         0         0           3 00:00:17:55         1160         503         3998         10         487         487         0         0           4 00:00:23:21         1060         484         4527         9         466         466         0         0           5 00:00:29:28         1316         498         3168         12         466         466         0         0         0           7 00:00:39:62         986         470         4599         9         440         440         0         0           3 00:00:45:68         884         630         4730         9         751         751         0         0</td> <td>undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored         ERC         ON           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)         Leakage ratio (%)           L 00:00:00:00         1570         470         5990         7         433         433         0         0         0           2 00:00:08:03         1290         450         7780         6         429         429         0         0         0           3 00:00:17:55         1160         503         3998         10         487         487         0         0         0           4 00:00:23:21         1060         484         4527         9         466         466         0         0         0           5 00:00:29:28         1316         498         3168         12         466         466         0         0         0           7 00:00:39:62         986         470         4599         9         440         440         0         0         0           3 00:00:45:68         884         630         4730</td>	undefined         undefined         19/07/2024         09:34:00         adult         Medium           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)           L 00:00:00:00         1570         470         5990         7         433           2 00:00:08:03         1290         450         7780         6         429           3 00:00:7:55         1160         503         3998         10         487           4 00:00:23:21         1060         484         4527         9         466           5 00:00:29:28         1316         498         3168         12         466           5 00:00:34:26         1048         489         3826         11         462           7 00:00:39:62         986         470         4599         9         440           3 00:00:45:68         884         630         4730         9         751           2 00:00:51:92         1003         481         4592         9         434           0 00:00:58:00         596         475         521         37         459           1 00:00:59:59         676         486         465         36         46	undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)           L 00:00:00:00         1570         470         5990         7         433         433           2 00:00:08:03         1290         450         7780         6         429         429           3 00:00:17:55         1160         503         3998         10         487         487           4 00:00:23:21         1060         484         4527         9         466         466           5 00:00:29:28         1316         498         3168         12         466         466           5 00:00:34:26         1048         489         3826         11         462         462           7 00:00:39:62         986         470         4599         9         440         440           3 00:00:45:68         884         630         4730         9         751         751           2 00:00:51:92         1003         481         4592         9         434         434           0 00:00:58:00	undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)           L 00:00:00:00         1570         470         5990         7         433         433         0           2 00:00:08:03         1290         450         7780         6         429         429         0           3 00:00:17:55         1160         503         3998         10         487         487         0           4 00:00:23:21         1060         484         4527         9         466         466         0           5 00:00:29:28         1316         498         3168         12         466         466         0           5 00:00:34:26         1048         489         3826         11         462         462         0           7 00:00:39:62         986         470         4599         9         440         440         0           3 00:00:45:68         884         630         4730         9         751         751         0	undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored         ERC           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)         Leakage ratio (%)           L 00:00:00:00         1570         470         5990         7         433         433         0         0           2 00:00:08:03         1290         450         7780         6         429         429         0         0           3 00:00:17:55         1160         503         3998         10         487         487         0         0           4 00:00:23:21         1060         484         4527         9         466         466         0         0           5 00:00:29:28         1316         498         3168         12         466         466         0         0         0           7 00:00:39:62         986         470         4599         9         440         440         0         0           3 00:00:45:68         884         630         4730         9         751         751         0         0	undefined         undefined         19/07/2024         09:34:00         adult         Medium         Continuous         Monitored         ERC         ON           Time (hh:mm:ss:SS)         Ti (ms)         Te (ms)         Tp (ms)         Freq (/min)         Vi (mL)         Vt (mL)         Leakage (mL)         Leakage ratio (%)           L 00:00:00:00         1570         470         5990         7         433         433         0         0         0           2 00:00:08:03         1290         450         7780         6         429         429         0         0         0           3 00:00:17:55         1160         503         3998         10         487         487         0         0         0           4 00:00:23:21         1060         484         4527         9         466         466         0         0         0           5 00:00:29:28         1316         498         3168         12         466         466         0         0         0           7 00:00:39:62         986         470         4599         9         440         440         0         0         0           3 00:00:45:68         884         630         4730

- Cycle number : Ventilation cycle number
- **Time** : Relative ventilation cycle start time
- Ti (ms): Ventialtion cycle insufflation time
- Te (ms): Ventilation cycle expiration time
- **Tp (ms)**: end-expiratory pause time in the ventilation cycle
- Freq (min-1): ventilation frequency (mean from the last ventilation cycles)
- Vi (mL): Volume insufflated in the ventilation cycle
- Vt (mL): Tidal volume in the ventilation cycle measured during expiration
- Leakage (mL) : Ventilation cycle leakage volume
- Leakage ratio (%): Ventilation cycle leakage percentage

## **EOLIFE UPDATE**

All files necessary for the update will be available on Archeon website.





Plug in **EOlife** using the data transfer cable and turn it on.



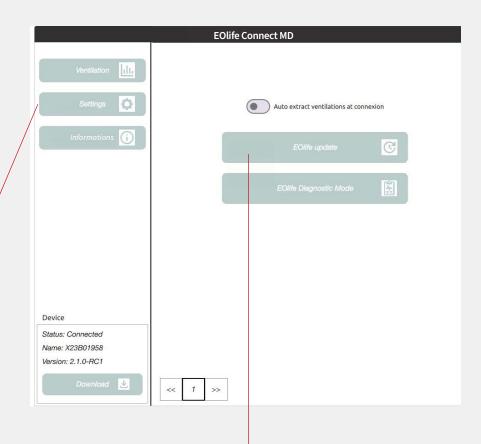
Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.



Click on 'Settings' button.



Click on 'EOlife update' button.

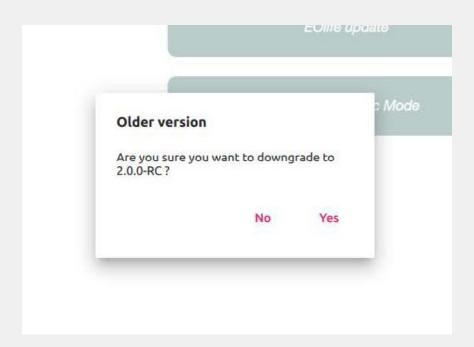




Select the folder containing the files needed for the update.



If the firmware version you want to install is equal to or lower than the installed version, a message will ask you to confirm the action.



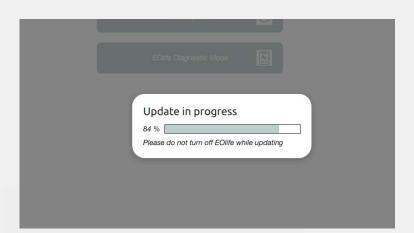


The update is starting. This should take approximately 1 minute and 30 seconds.



A notification will confirm the successful installation of the update.

In the event of an error occurring, simply start again.





**EOlife** screen during update.

### **EOLIFE DIAGNOSTIC MODE**





Plug in **EOlife** using the data transfer cable and turn it on.



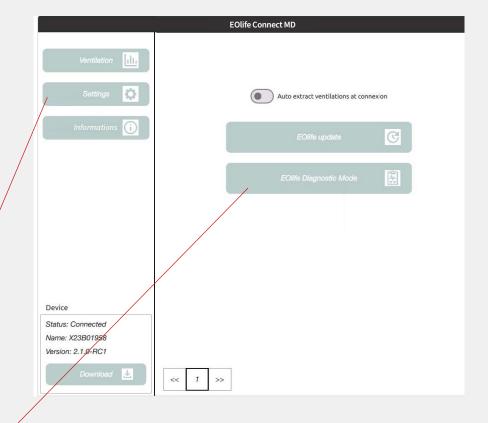
Wait until **EOlife** is detected by your computer. The name and version will appear in the box at the bottom left of the application.



Click on 'Settings' button.

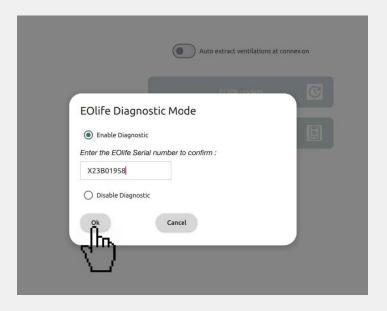


Click on 'EOlife Diagnostic Mode' button



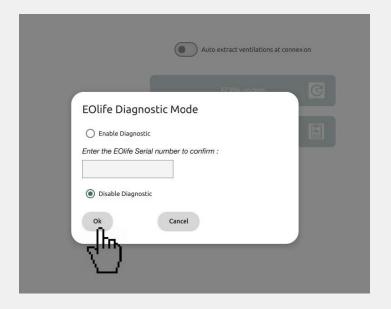
E

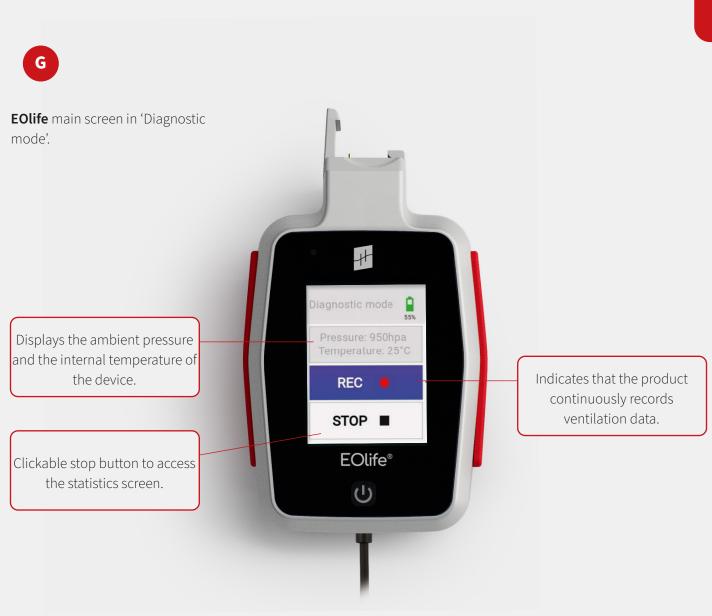
To enable Diagnostic mode on **EOlife**, select «Enable Diagnostic» and confirm by entering the EOlife serial number in the provided input box. Click «OK».





To deactivate Diagnostic mode on EOlife, select «Disable Diagnostic» and click «OK».





# **EOLIFE CONNECT MD SPECIFICATIONS**

Input connector	USB A				
DC input voltage	5V ±5%				
DC input current	450 mA max				
DC output voltage	5V ±5%				
Cable details	24 AWG, Ø mm				
Operating temperature	-10°C/14°F to 35°C/95°F				
Weight	95g ±5g				
Housing material	PC-ABS UL94				
Approvals	FCC, CE, RoHS				



Copyright © 2023 Archeon Medical - all rights reserved Photos & screenshots: Archeon Medical.

Version: 01 EN - July 2024