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DOWNLOAD VENTILATOR FILES

We appreciate your interest in using the design specifications for the Medtronic PB560 ventilator system to help address the shortage of ventilators due to the COVID-19 pandemic. We invite manufacturers, engineers, and other innovators to use these files as inspiration for their own innovations.

A link to the files can be found below.

To aid in the manufacturing evaluation, we first prioritized sharing the hardware design specifications and manufacturing instructions. Next, on March 31, we posted additional ventilator design documents, including manufacturing fixtures, printed circuit board drawings, multiple bills of materials (BOMs), and 3D CAD files.

On April 1, we posted software source code files. We're targeting providing final packages of documents with additional BOMs and other information by April 3.

Thank you for your patience as Medtronic rolls out this extensive information during this time and for your interest in addressing the critical need for ventilators.

By downloading these files, you agree to the terms and conditions of the Permissive License provided [here](/content/dam/medtronic-com/global/Corporate/covid19/documents/permissive-license-open-ventilator.pdf)(opens new window) (</content/dam/medtronic-com/global/Corporate/covid19/documents/permissive-license-open-ventilator.pdf>) and in the attached files, within the context of the COVID-19 pandemic. While Medtronic is providing these assets free of charge for third-party development, according to the terms and conditions specified in your acknowledgment, we do not assume any liability or responsibility for their use or application.



Medtronic PB560 Ventilator System – Release 1.0 (03/29/2020) (.zip)

(</content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/medtronic-pb560-ventilator-system-file-set-1.zip>)

Includes:

- Electrical schematics
- Manuals
- Manufacturing documents
- Requirements documents
- Permissive license

53.0MB

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**Medtronic PB560 Ventilator System – Release 2.0 (03/31/2020)** (.zip)

[\(/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/medtronic-pb560-ventilator-system-file-set-2.zip\)](/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/medtronic-pb560-ventilator-system-file-set-2.zip)

Includes:

- Manufacturing fixtures
- Printed circuit board drawings (including multiple BOMs)
- 3D CAD files
- Mechanical part drawings
- Permissive license

296.1MB

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**Medtronic PB560 Ventilator System – Release 3.0 (04/01/2020)** (.zip)

[\(/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/medtronic-pb560-ventilator-system-file-set-3.zip\)](/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/medtronic-pb560-ventilator-system-file-set-3.zip)

Depending on the anti-virus software you utilize, certain files within the source code may get flagged as “suspicious” because of the heuristics of the files. Medtronic has confirmed that the files are not malicious, and are safe to download.

Includes:

- Source code files
- Permissive license

15.5MB

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**Medtronic PB560 Ventilator System – Release 4.0 (04/03/2020)** (.zip)

[\(/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/pb560-vent-files-4.zip\)](/content/dam/medtronic-com/global/Corporate/covid19/downloads/ventilator-files/pb560-vent-files-4.zip)

Includes:

- Accessories
- Bills of Materials (BOMs)
- BOM Drawings
- Purchased Part Drawings
- Risk Documents
- Permissive License

627.7MB

DOWNLOAD RELEASE 4.0(OPENS NEW WINDOW) (/CONTENT/DAM/MEDTRONIC-COM/GLOBAL/CORPORATE/COVID19/DOWNLOADS/VENTILATOR-FILES/PB560-VENT-FILES-4.ZIP)

COVID-19: Helping the Heroes

[LEARN MORE \(opens new window\) \(/us-en/e/covid19.html\)](/us-en/e/covid19.html)

RELATED LINKS

- [Our Mechanical Ventilators \(https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation.html\)](https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation.html)

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