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Trilogy platform COVID-19 example circuit configurations

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Trilogy platform COVID-19 example circuit configurations

The following circuit presentation relates to the Trilogy platform including: Trilogy 100, Trilogy 200, Trilogy 202 and Trilogy O₂


These circuit set-ups and accessories are examples provided for information purposes only as not all have been validated for use with the Trilogy platform devices. A healthcare provider must determine which, if any, they would use to treat COVID-19 patients that require filtration of exhaled gases. However, the patient interfaces are intended for use with positive pressure therapy.

Refer to the Trilogy accessories guide for the comprehensive list of approved accessories.

For Trilogy training: quick start guides, videos, and presentations, please go to:

<https://www.learningconnection.philips.com/en/trilogy-education>

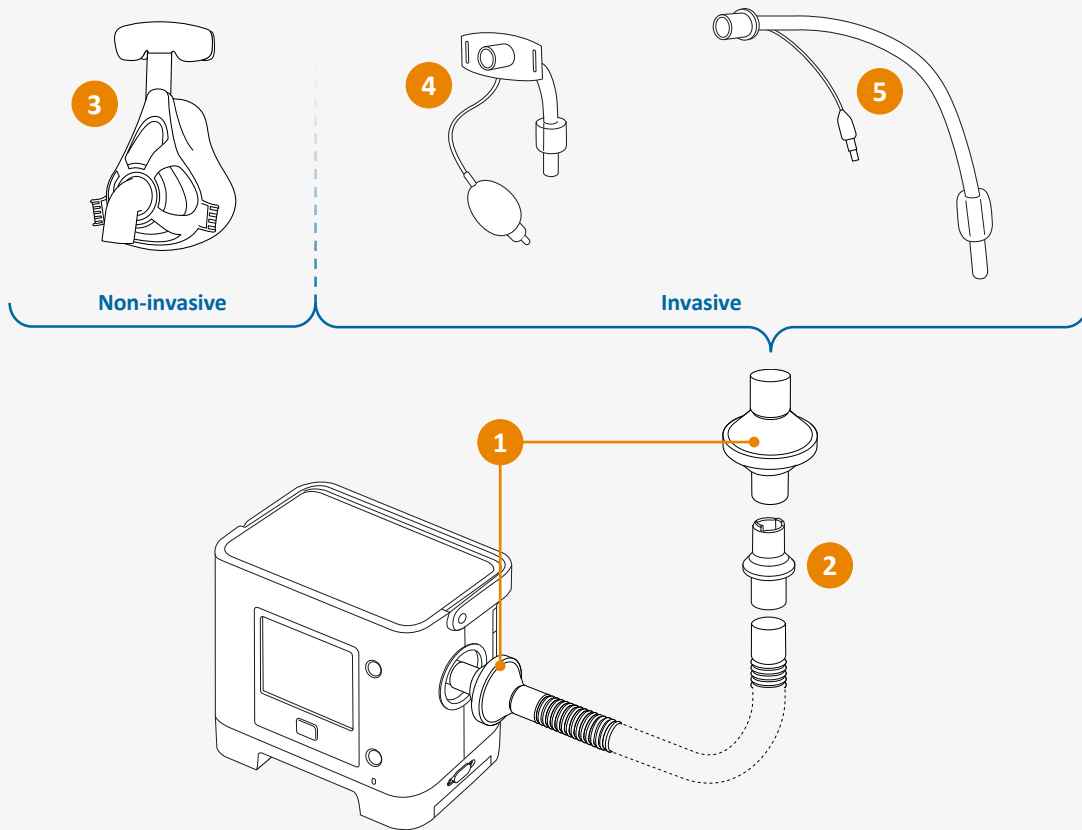
Trilogy platform porting blocks

	Trilogy 100 	Trilogy 200 	Trilogy 202 
No ports – use with passive circuits only 			
2 ports – use with passive or activePAP circuits 			
Universal porting block/three port – use with all circuit types 			

Passive circuit:

Option 1

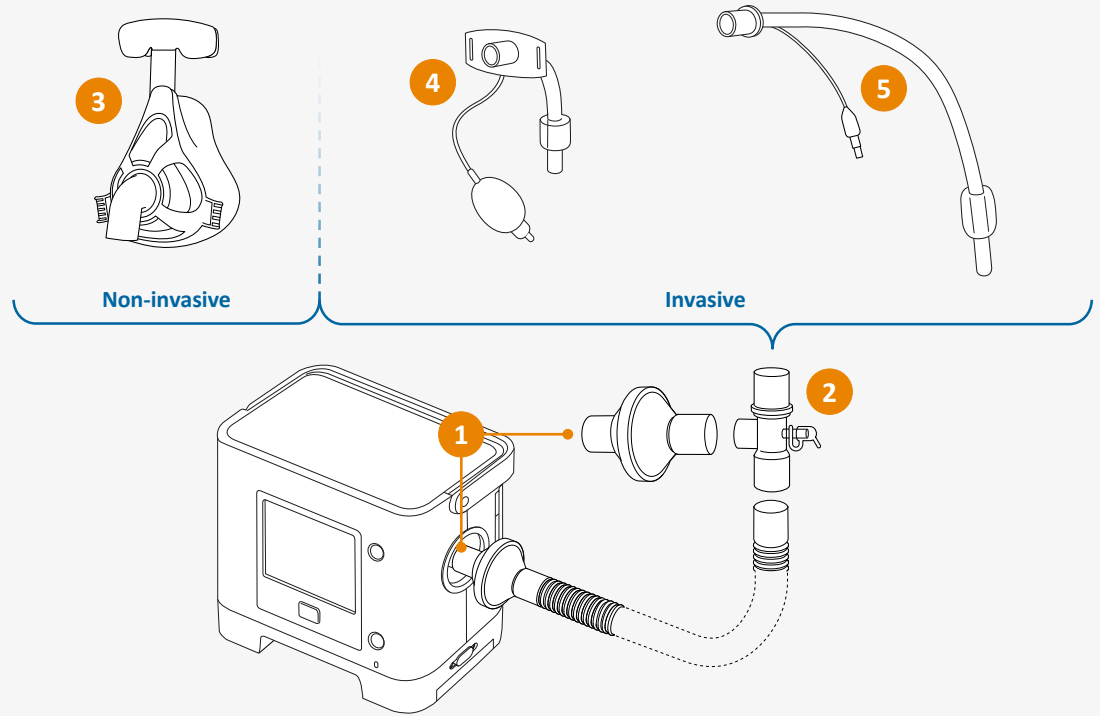
- 1 Bacteria/Viral filter**
With this option, if limited supply of filters, the one at the device outlet could be omitted as long as the filter between the interface and leak port remains.
- 2 Exhalation leak port**
- 3 Non-vented (without integrated leak) NIV mask**
- 4 Tracheostomy tube**
(trach adapter not shown and optional to connect to circuit)
- 5 Endotracheal Tube (ETT)**
(trach adapter not shown and optional to connect to circuit)



Having extra filters or an HME in the circuit may affect performance of alarms and an increase in pressure drop at the patient may be experienced.

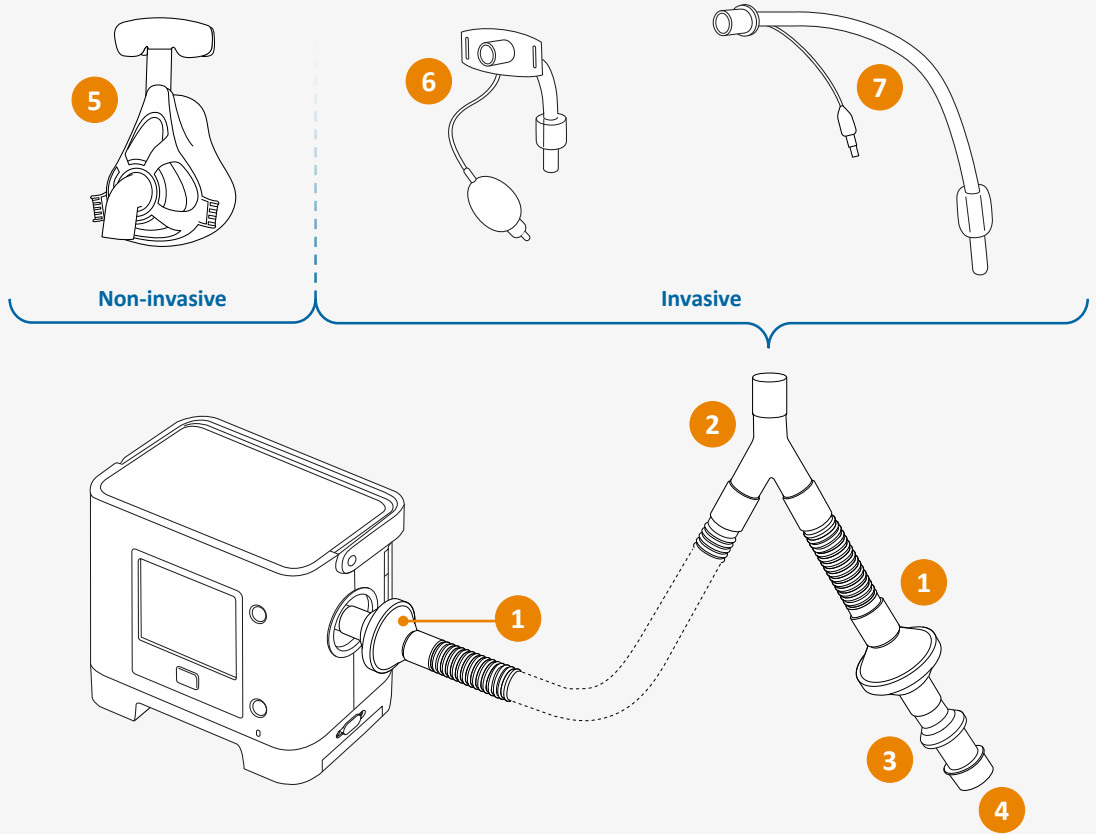
Passive circuit: Option 2

- 1 Bacteria/Viral filter
- 2 FEP exhalation leak port
- 3 Non-vented (without integrated leak) NIV mask
- 4 Tracheostomy tube
(trach adapter not shown and optional to connect to circuit)
- 5 Endotracheal Tube (ETT)
(trach adapter not shown and optional to connect to circuit)



Passive circuit: Option 3a

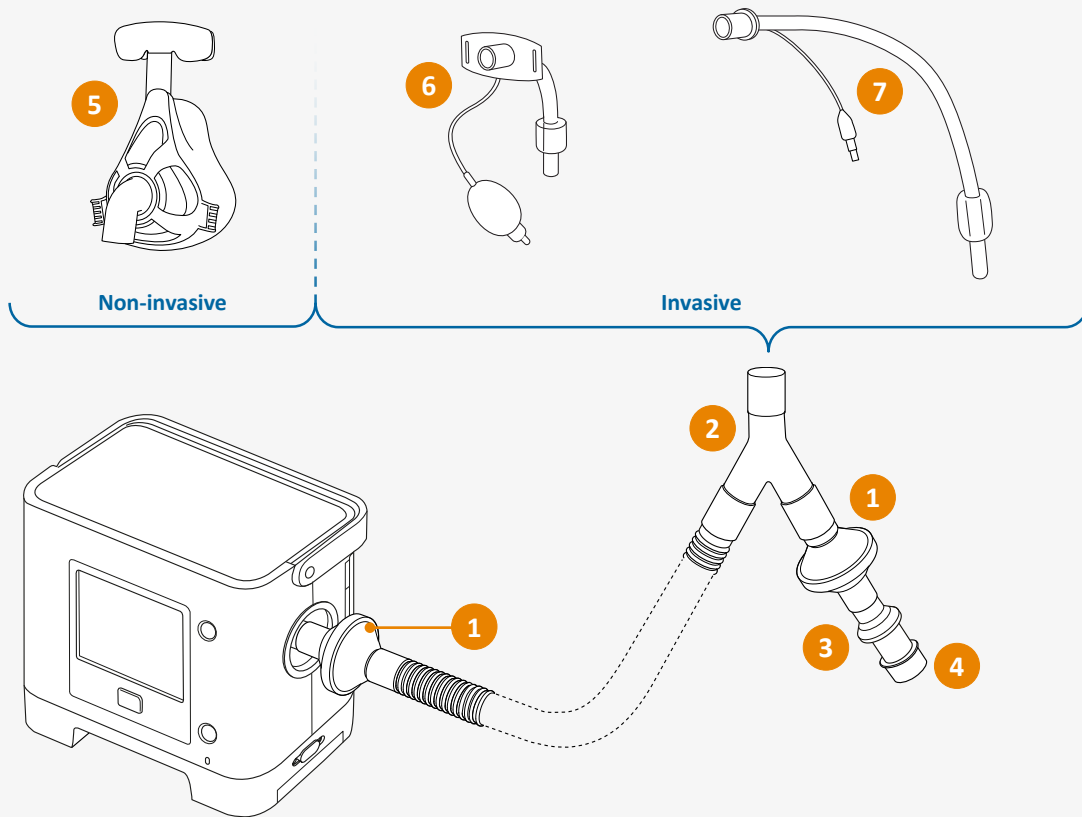
- 1 Bacteria/viral filter
- 2 Wye (Y) connector
- 3 Exhalation leak port
- 4 End cap
- 5 Non-vented (without integrated leak) NIV mask
- 6 Tracheostomy tube (trach adapter not shown and optional to connect to circuit)
- 7 Endotracheal Tube (ETT) (trach adapter not shown and optional to connect to circuit)



Passive circuit:

Option 3b

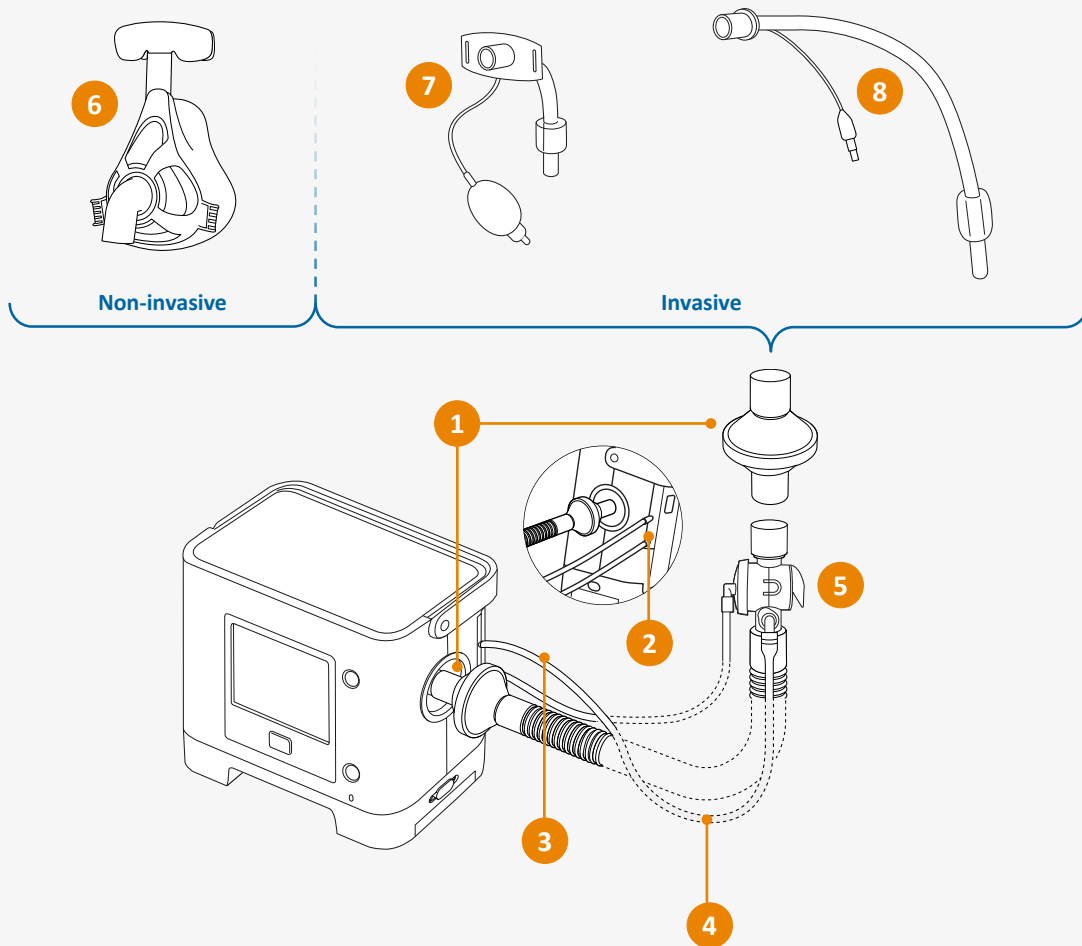
- 1 Bacteria/viral filter
- 2 Wye (Y) connector
- 3 Exhalation leak port
- 4 End cap
- 5 Non-vented (without integrated leak) NIV mask
- 6 Tracheostomy tube (trach adapter not shown and optional to connect to circuit)
- 7 Endotracheal Tube (ETT) (trach adapter not shown and optional to connect to circuit)



Active PAP circuit: Option 1a

- 1** Bacteria/Viral filter
With this option, if limited supply of filters, the one at the device outlet could be omitted as long as the filter between the interface and exhalation valve remains.
- 2** Active PAP porting block (2 ports)
- 3** Proximal pressure line
- 4** Active exhalation valve line
- 5** ActivePAP circuit
- 6** Non-vented (without integrated leak) NIV mask
- 7** Tracheostomy tube
(trach adapter not shown and optional to connect to circuit)
- 8** Endotracheal Tube (ETT)
(trach adapter not shown and optional to connect to circuit)

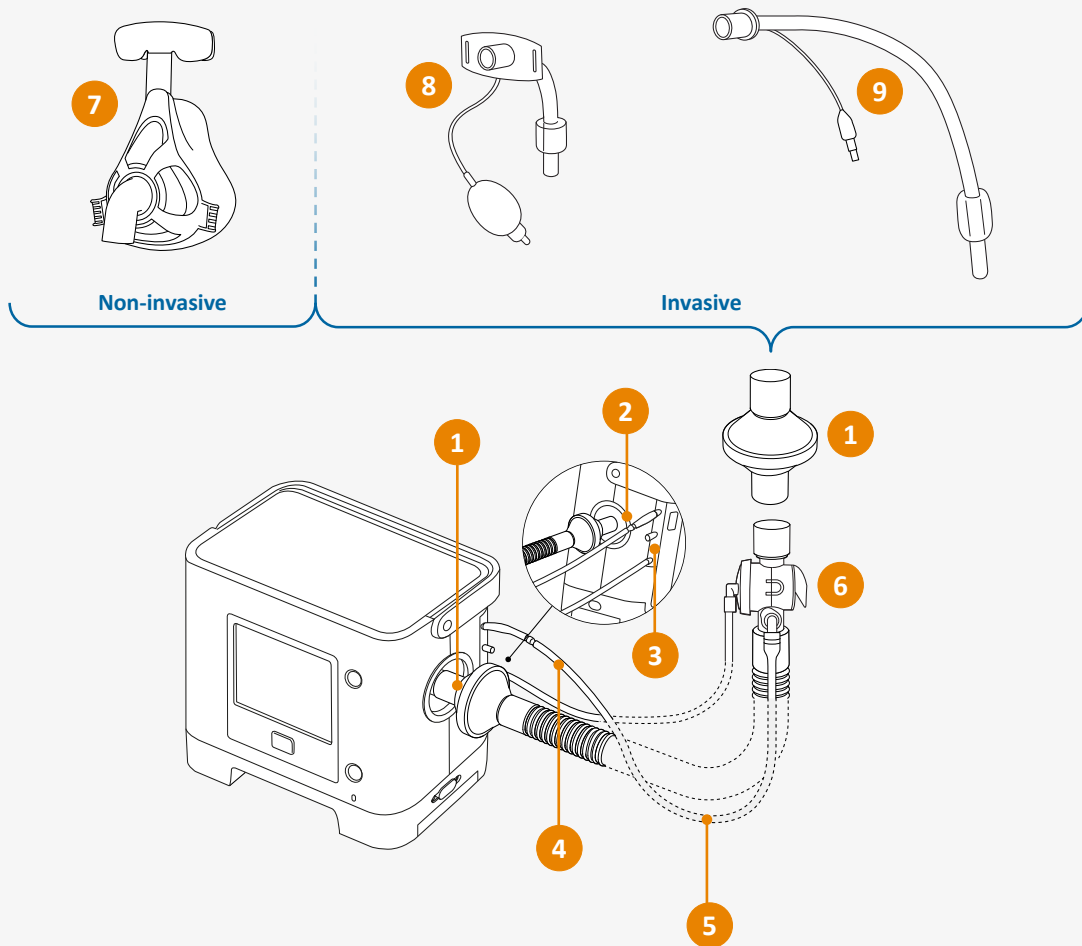
Having extra filters or an HME in the circuit may affect performance of alarms and an increase in pressure drop at the patient may be experienced.



Active PAP circuit: Option 1b

- 1** Bacteria/Viral filter
With this option, if limited supply of filters, the one at the device outlet could be omitted as long as the filter between the interface and exhalation valve remains.
- 2** Trilogy universal active PAP tube adaptor
- 3** Universal porting block (3 ports)
- 4** Proximal pressure line
- 5** Active exhalation valve line
- 6** ActivePAP circuit
- 7** Non-vented (without integrated leak) NIV mask
- 8** Tracheostomy tube
(trach adapter not shown and optional to connect to circuit)
- 9** Endotracheal Tube (ETT)
(trach adapter not shown and optional to connect to circuit)

Having extra filters or an HME in the circuit may affect performance of alarms and an increase in pressure drop at the patient may be experienced.



Active Flow circuit:

- 1** Bacteria/Viral filter
With this option, if limited supply of filters, the one at the device outlet could be omitted as long as the filter between the interface and exhalation valve remains.
- 2** Universal porting block
- 3** Exhalation valve line
- 4** White striped flow line
- 5** Flow line
- 6** Proximal pressure port is capped when using flow sensor
- 7** Exhalation valve
- 8** Flow sensor
- 9** Non-vented NIV mask
- 10** Tracheostomy tube
(tracheostomy adapter required to connect to circuit)
- 11** Endotracheal Tube (ETT)
(tracheostomy adapter required to connect to circuit)

Having extra filters or an HME in the circuit may affect performance of alarms and an increase in pressure drop at the patient may be experienced.

