Adding O$_2$
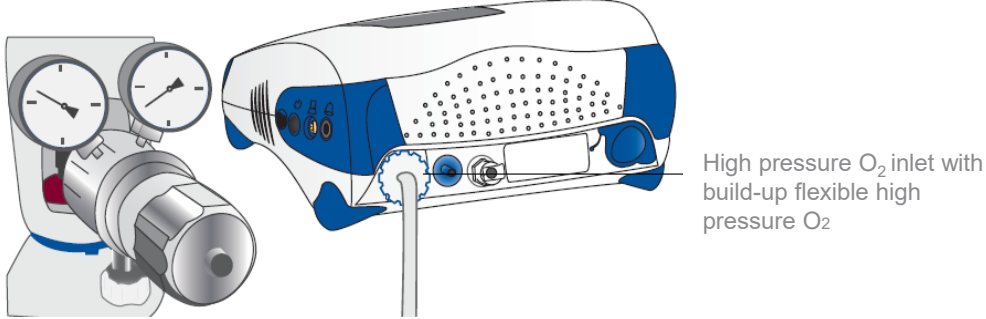# Summary of range characteristics

Covid19 epidemic period

03-2020

Introduction

- The addition of oxygen may be prescribed in addition to ventilation
- This guide aims to indicate the characteristics of each device for adding oxygen:
  - What maximum flow?
  - Where to place the O2 on the machine?
  - FiO2 setting possible or not?
  - FiO2 monitoring possible or not?
- This guide is not intended as a recommendation for settings
- For more information, please refer to the user guide and instructions for each device.
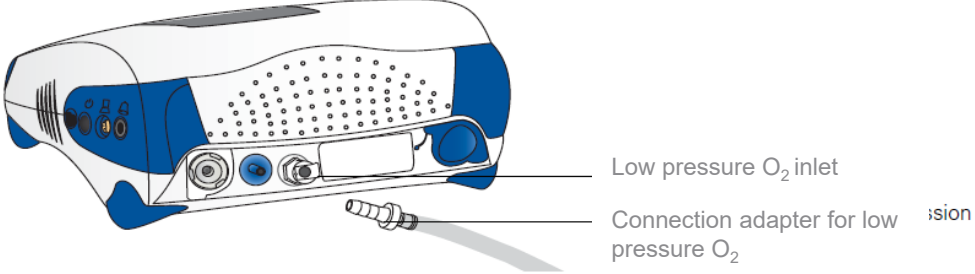
Elisée 350

Adding O2	Elisée 350	
Flow O$_2$	**High Pressure** **240 to 700 kPa max** **ó 2,4 to 7 bar max** at the rear of the device	**Low pressure** **400 kPa max** **ó 4 bar** at the rear of the device
FiO$_2$ Setting	**Set from 21% to 100%** at High pressure	
FiO$_2$ Monitoring	**Yes**	

High Pressure

High pressure O$_2$ inlet with build-up flexible high pressure O$_2$

Low pressure

Low pressure O$_2$ inlet

Connection adapter for low pressure O$_2$

⚠️ Disconnect all oxygen inlets when the device is in standby or turned off

Elisée 250

Adding O_2	Elisée 250
Flow O_2	**High pressure** **240 to 700 kPa max** **ó 2,4 to 7 bar max** at the rear of the device
FiO$_2$ setting	**Set from 21% to 100%** at High pressure
FiO$_2$ Monitoring	**Yes**

High pressure O$_2$ inlet with build-up flexible high pressure O$_2$

⚠️ Disconnect all oxygen inlets when the device is on standby or turned off

Elisée 150

Adding O$_2$	Elisée 150
Flow O$_2$	**Low pressure** 400 kPa max **15 l/min max** at the rear of the device
FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**Optional** Réf CAP009379
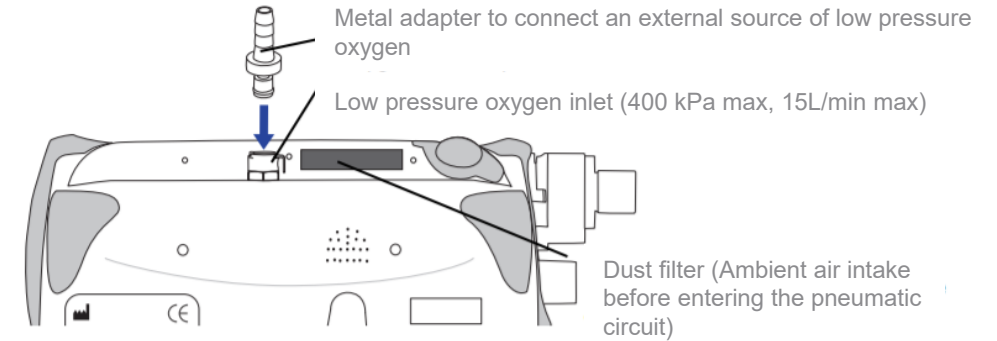
Metal adapter to connect an external source of low pressure oxygen

Low pressure oxygen inlet (400 kPa max, 15L/min max)

Dust filter (Ambient air intake before entering the pneumatic circuit)

O$_2$ metal connector low pressure (Product code EMB012443)

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
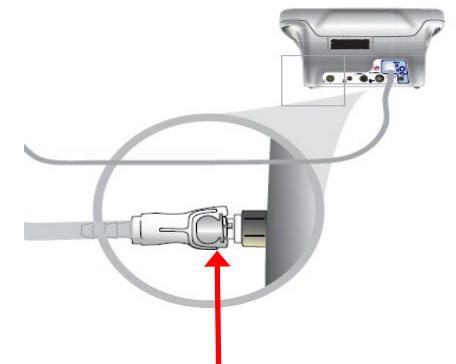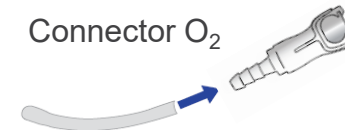- Mask chosen
- Unintentional leak value

⚠️
- Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
- Disconnect the oxygen inlet when the device is on standby or turned off

VS III

Adding O$_2$	VSIII
Flow O$_2$	**Low pressure** 400 kPa max **8 l/min max** at the rear of the device NB: *14 l/min maximum if the flow trigger is used in a double limb circuit. However, beyond 8 l/ min, the accuracy of the volumes delivered and measured by the respirator is no longer guaranteed.*
FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**Oui en option** Kit de monitorage sans la cellule à O$_2$ (Réf. KIT015015) Cellule O$_2$ (Réf. CAP008064)

Low pressure O2 inlet
400 kPa maximum, 8 L/min maximum

Connector O2

Press the metal tab
to release the O2 connector

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
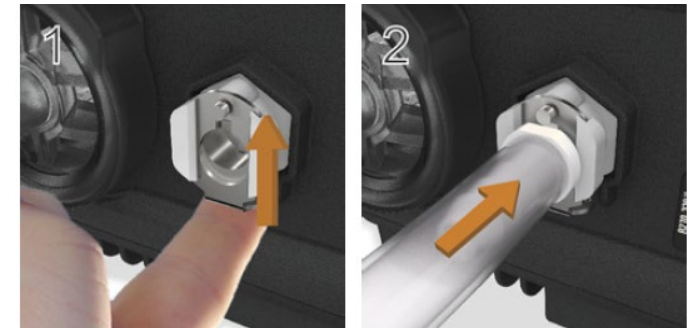- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
- Mask chosen
- Unintentional leak value

⚠️
- Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
- Disconnect the oxygen inlet when the device is on standby or turned off

ASTRAL 150 / 100

Adding O$_2$	ASTRAL 150 / 100
Flow O$_2$	**30L/min maximum** at the rear of the device O2 low pressure connector (Product code 24971)
FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**Optional** O$_2$ Cell (Product code 27935)

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
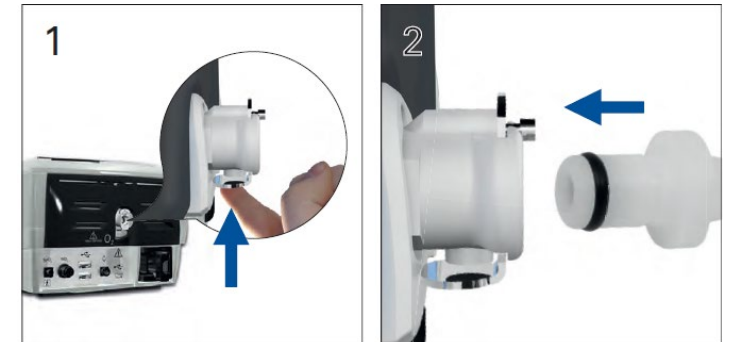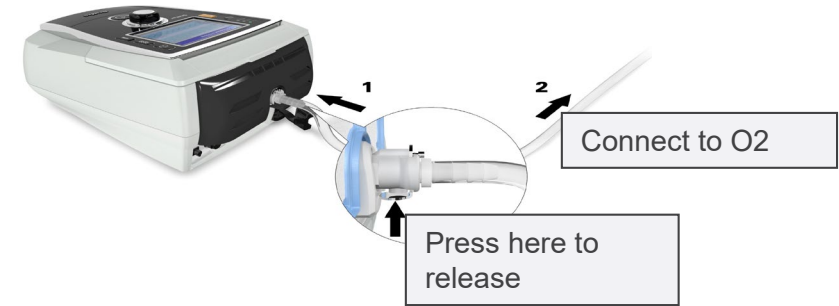- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
- Mask chosen
- Unintentional leak value

⚠️
- Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
- Disconnect the oxygen inlet when the device is on standby or turned off

STELLAR 150 / 100

Adding O_2	STELLAR 150 / 100
Flow O_2	**30L/min maximum** at the rear of the device O2 low pressure connector (Product code 24971)
FiO_2 setting	**No**
FiO_2 Monitoring	**Optional** Control kit without O2 cell (Product code 24955) O_2 Cell (Product code CAP008617)

Connect to O2

Press here to release

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on

- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
- Mask chosen
- Unintentional leak value

⚠️
- Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
- Disconnect the oxygen inlet when the device is on standby or turned off

LUMIS 150 / LUMIS 100

Adding O$_2$	LUMIS 100 / LUMIS 150

Flow O$_2$	**15 l/min maximum in all modes**
	 (except 4 l/min maximum in iVAPS mode)
	 at the rear of the device: 2 options
	
	 • Heated circuit ClimateLine Air Oxy Ø 22 mm
	  (with Ø 4 mm pressure used for oxygen inlet)
	   Product code 37357
	
	 • O$_2$ Connector Product code 26960 or Product code 61121

FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**No**

Connection O$_2$
Product code 26960

ClimateLineAir oxy
(connection build-up in circuit)

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
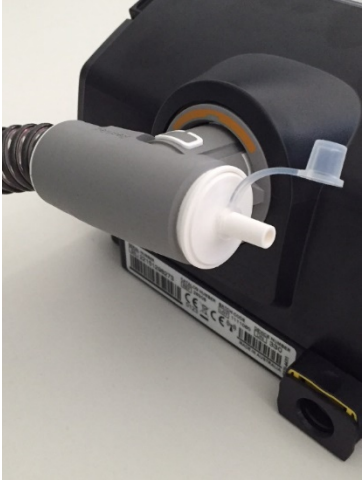- Mask chosen
- Unintentional leak value

⚠️ • Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
Disconnect the oxygen inlet when the device is on standby or turned off

AIRCURVE 10 VAuto

Adding O$_2$	AIRCURVE 10 VAuto
Flow O$_2$	**15 l/min maximum in S and CPAP modes** **(4 l/min in Vauto mode)** at the rear of the device: 2 options • Heated circuit ClimateLine Air Oxy Ø 22 mm (with Ø 4 mm pressure used for oxygen inlet) Product code 37357 • O$_2$ Connector Product code 26960 or Product code
FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**No**

Connection O$_2$
Product code 26960

ClimateLineAir oxy
(inlet build-up in circuit)

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
- Mask chosen
- Unintentional leak value

⚠️
- Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
- Disconnect the oxygen inlet when the device is on standby or turned off

AIRSENSE 10 / AIRSENSE 10 For Her

Adding O$_2$	AIRSENSE 10 / AIRSENSE 10 For Her

Flow O$_2$	**4 l/min maximum in all modes**
	
	at the rear of the device: 2 options
	
	• Heated circuit ClimateLine Air Oxy Ø 22 mm
	  (with Ø 4 mm pressure used for oxygen inlet)
	  Product code 37357
	
	• O$_2$ Connector Product code 26960 or Product code 61121

FiO$_2$ setting	**No**
FiO$_2$ Monitoring	**No**

Connection O$_2$
Product code 26960

ClimateLineAir oxy
(inlet build-up in circuit)

When the addition of oxygen is delivered at a fixed rate, the concentration of inhaled oxygen varies depending on
- Ventilation mode and settings
- Type of circuit used
- Patient breath pattern
- Mask chosen
- Unintentional leak value

⚠️ • Connect oxygen only when ventilation has started and disconnect oxygen before stopping ventilation
Disconnect the oxygen inlet when the device is on standby or turned off

Mentions & disclaimer

24/03/20

COVID-19

Adding O_2 - Summary of range characteristics

This document is based on information available at the time of publication

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