Quick Guide
Advanced Modes
C-FLOW / MPP & MPV*

* C-FLOW: Continuous Flow Mode
MPP: Mounthpiece Ventilation
by Pressure
MPV: Mounthpiece Ventilation
by Volume

This guide does not
replace the User Manual

Intended for all the people
authorized to adjust settings

English

C-FLOW
(Continuous Flow) Mode

PRINCIPLE:
It is a high-flow humidified therapy that provides respiratory support to spontaneously breathing patients by delivering heated and humidified air at a flow rate up to 60 LPM.

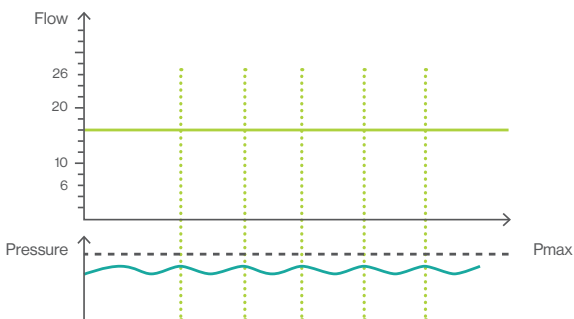Supplementary oxygen is possible in addition to the therapy.
It is possible to set the Pmax, if reached will not exceed the set limit.

Setup the C-FLOW mode

Select **CLINICAL**, then on the tab **CONFIG**, select:

1 **Circuit type: Leak**

2 **Ventilation:** with **Flow** type and **C-Flow** mode.

3 Set the parameters on the tab **SETTINGS**:

Settings	Adult	Pediatric
Flow	10 - 60 L/min	2 - 25 L/min

Supplemental oxygen - % FiO$_2$

FiO$_2$ % theoretical value	C-Flow setting (L/min)						
	10	**15**	**20**	**30**	**40**	**50**	**60**
O$_2$ Flow (L/min) **4**	53	42	37	32	29	27	26
8	84	63	53	42	37	34	32
12	-	84	68	53	45	40	37
16	-	-	84	63	53	46	42
20	-	-	-	74	61	53	47
25	-	-	-	87	70	61	54
30	-	-	-	-	80	68	61
40	-	-	-	-	-	84	74
50	-	-	-	-	-	-	87

The oxygen flow must not exceed the set flow rate.

Circuit configuration
## (only with a single-limb circuit)
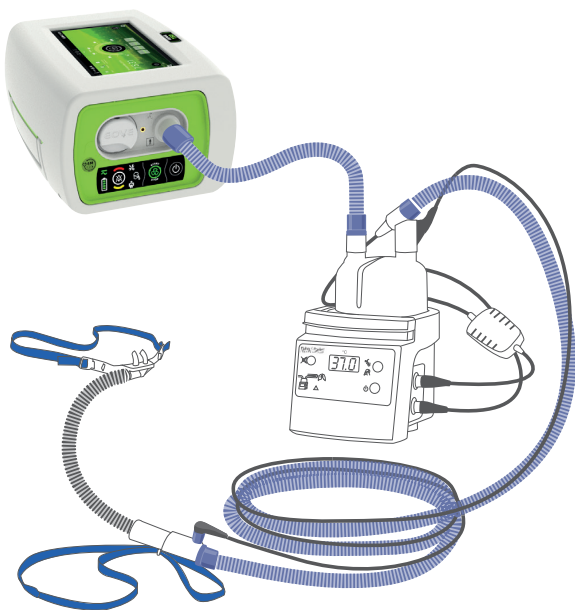
How to set up from the humidifier:

1 Connect the short circuit to the inspiratory port of the ventilator.

2 Connect the heat circuit, temperature probes and electric adapter.

3 Connect the nasal cannula.

* Use the leak adapter (cap) included into the starter kit.

4 Select the most appropriate setting on the humidifier.

5 Fit the nasal cannula to the patient
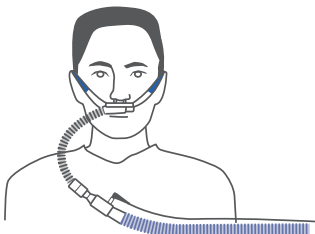
Compatible Accessories and Consumables

		Hospital		Homecare	
		Fisher&Paykel HEALTHCARE	**WILAmed**	**Fisher&Paykel** HEALTHCARE	**WILAmed**
Adult	Humidifier model	**MR850**	**AIRcon**	**HC550**	**AIRcon**
	Circuit kit (including chamber)	RT202	BTS3234A	RT202	BTS3234A
	Nasal cannula	Optiflow™	WILAhiflow	Optiflow™	WILAhiflow
Pediatric	Humidifier	MR850		HC550	
	Circuit kit (including chamber)	RT331		RT331	
	Nasal cannula	Optiflow™		Optiflow™	

WARNING: The circuit diameter 22 mm (between the ventilator and the humidifier) is not included in the pediatric kit.

MPP & MPV

Mouthpiece Ventilation is a form of non-invasive ventilation via a mouthpiece, dispensing the need for face or oral masks. It is indicated for patients who require ventilatory support and have good cooperation levels.

Mode MPP : Mouthpiece Ventilation in Pressure

Frequency = OFF
Min. pressure = 5 mbar
Pres. Control = 25 mbar

1 = Patient-triggered cycle
2 = Disconnection alarm
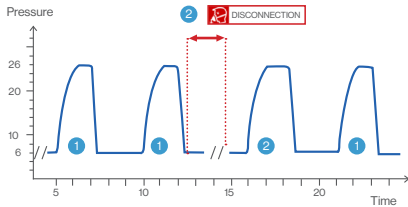
Settings	Adult	Pediatric	Limits
Pres. control (mb)	5-49	5-49	-
Bias Flow (l/min)	OFF / 1-20 l/min	OFF / 1-20 l/min	-
Slope	1-5 (100-500 ms)	1-5 (50-250 ms)	-
Frequency (cpm)	OFF / 5-60	OFF / 5-80	**Frequency** ≤ 30 / **Insp. time** (I/E ≤ 1/1)
Inspiratory time (s)	0,3-2,5	0,3-2,5	**Frequency** ≤ 30 / **Insp. time** (I/E ≤ 1/1)
I. Trig	AUTO / 1-5	AUTO / 1-5	-

Articulated instruments reference:

Distributor	Reference
Lowenstein	WM27647
Philips	1102862

Mouthpiece reference:

Distributor	Reference
Lowenstein	WM27646

MPV Mode : Mouthpiece Ventilation in Volume

Volume = 600 ml
Rate = OFF
Min. pressure = 5 mbar

1 = Patient-triggered cycle
2 = Disconnection alarm
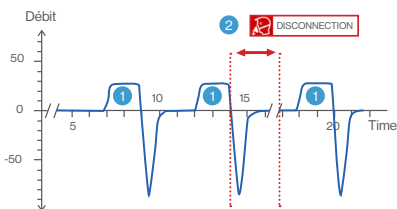
Settings	Adult	Pediatric	Limits
VT (ml)	100-2500	100-600	-
Blas Flow (l/min)	OFF / 1-20 l/min	OFF / 1-20 l/min	-
Flow ramp	1.Square, 2.Decelerating		-
Frequency (cpm)	OFF / 5-60	OFF / 5-80	**Frequency** ≤ 30 / **Insp. time** (I/E ≤ 1/1)
Inspiratory time (s)	0,3-2,5	0,3-2,5	**Frequency** ≤ 30 / **Insp. time** (I/E ≤ 1/1)
I. Trig	AUTO / 1-5	AUTO / 1-5	-

Manufactured by

EOVE
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EOVE

Air Liquide
HEALTHCARE

EO-150 provides continuous or intermittent ventilation support for adults and children weighing at least 3.5 kg needing mechanical ventilation, at home, in a facility or hospital, and in portable environments, for invasive or non-invasive ventilation.

Medical device class IIb - CE 0459 - Manufactured by EOVE. Please read the user manual.