

QUICK REFERENCE GUIDE

AirSep[®] NewLife[®] Elite and Intensity

Stationary Oxygen Concentrators



Flow Rates

Elite:	1.0 LPM – 5.0 LPM
Intensity:	2.0 LPM – 8.0 LPM
Intensity 10:	2.0 LPM – 10.0 LPM

Weight

Elite:	54 lb (24.5 kg)
Intensity:	54 lb (24.5 kg)
Intensity 10:	58 lb (26.3 kg)

Sound Level

Elite:	±48 dB(A)
Intensity:	±52 dB(A)
Intensity 10:	±55 dB(A)

Power Consumption

Elite:	350 Watts
Intensity:	410 Watts
Intensity 10:	590 Watts

Outlet Pressure

Elite:	7 psi (48 kPa)
Intensity/Intensity 10:	20 psi (138 kPa)

Because of its high outlet pressure, the NewLife Intensity and Intensity 10 can be used for special applications including (but not limited to): large volume jet nebulizers, venti-masks, medication nebulizers, and the Y-connection of two concentrators to achieve high flow rates.

ON/OFF

With the unit plugged in, press the power switch upward in the ON (I) position. The audible alarm will sound briefly and oxygen flow will begin. If the unit has O₂ Monitoring, the yellow light may remain on during warm-up for up to 5 minutes after power up.

To turn the unit off, press the power switch downward in the OFF (O) position. All lights will turn off and oxygen flow will cease.

Nasal Cannula and Tubing

Elite: Standard oxygen tubing and nasal cannulas may be used with the Elite. Maximum tubing length is 50 ft (15.2 m).

Intensity/Intensity 10: Standard or high flow oxygen tubing and nasal cannulas may be used with the NewLife Intensity and Intensity 10. The maximum tubing length is 200 ft (61 m).

Humidifier Bottle

A humidifier bottle may be used with the NewLife Elite, Intensity, and Intensity 10 at all flow settings. It attaches directly to the oxygen outlet of the concentrator.

Air Intake Filter

The Air Intake Filter (Gross Particle Filter) is located on the back of all NewLife units and should be cleaned weekly by the patient. It is removed from the concentrator and washed with a warm solution of soap and water. Make sure the filter is rinsed and dried thoroughly before replacing it in the NewLife.

Product Filter

Elite: The product filter is a disk shaped filter prior to the outlet flow. This filter is designed to last the life of the unit and does not have a replacement schedule.

Intensity: The product filter, which is located within the unit's product tank, is designed to last the life of the unit. There is no required or scheduled replacement needed for this part.

Preventative Maintenance

The only filter in the NewLife with a replacement schedule is the felt filter. It should be replaced every 5,000 hours if present.

This filter is located internally above the resonator on the right side of the NewLife. It is present on all Intensity 10 units and all 220V Elite and Intensity units.

Air Flow and Placement

Ambient air is drawn into the NewLife through the air intake (gross particle) filter. Exhaust air exits the NewLife through the bottom of the concentrator. All intake and exhaust locations should remain un-obstructed. Ensure the NewLife is located at least 12 in (30.5 cm) away from all walls, draperies, furniture, etc.

Oxygen Concentration

NewLife Elite		NewLife Intensity		NewLife Intensity 10	
1-3 LPM:	95% (+0.5/-3.0%)	2-7 LPM:	92% ($\pm 3\%$)	2-9 LPM:	92% ($\pm 3\%$)
4 LPM:	92% ($\pm 3\%$)	8 LPM:	90% ($\pm 3\%$)	10 LPM:	90% ($\pm 3\%$)
5 LPM:	90% ($\pm 3\%$)				

CAIRE recommends testing the oxygen concentration upon delivery to the patient and at periodic intervals set by the equipment provider. The provider may check the concentration as frequently as required.

Hour Meter

The LCD hour meter is clearly visible under the flow meter on the left of the front panel.

The hour meter is dual function. The first mode tracks total cumulative hours. This listing cannot be reset. It also has a second mode to calculate accumulated hours. It is designated by "TMR1" on the hour meter and can be reset.

Toggle between the total cumulative hours and accumulated hours by pressing the pin-hole button on the hour meter. On the TMR1 screen, you can re-set the accumulate hours counter by pressing and holding the pin-hole button for 3 seconds.

Alarms

Condition	Audible Indicator	Visual Indicator
Start-Up	5 Second Continuous	-
Low Pressure	Intermittent (1 Sec)	-
High Pressure	Intermittent (1 Sec)	-
Low O2 Concentration**	2 Beeps	Yellow Light
High Temperature	Intermittent (1 Sec)	-
Power Failure	Continuous	-

Only on units with optional Oxygen Monitor.

Go to www.CAIREmedical.com for more information.