

Product specifications

Oxygen concentrations ²	At least 87% at all settings (maximum of 96%) ² Based on atmospheric pressure of 14.7 psia (101 kPa) at 70° F (21° C)		
Outlet pressure	20 psig		
Flow settings and pulse volumes	Setting	Nom. pulse vol. at 20 BPM	Max. minute vol. output
	1	11 ml	220 ml/min
	2	22 ml	440 ml/min
	3	33 ml	660 ml/min
	4	44 ml	880 ml/min
	5	50 ml	1,000 ml/min
	+/- 25% or 6 ml, whichever is greater (average of 20 consecutive pulses) over the rated environmental range		
Sound level	43 dBA typical at settings 2 and 20 BPM; 46 dBA typical at settings 5 and 20 BPM		

Physical characteristics

Size	With standard battery: 9.4 in. x 8.3 in. x 3.6 in. (23.9 cm x 21.1 cm x 9.1 cm) With extended battery: 10.2 in x 8.3 in x 2.6 in (25.9 cm x 21.1 cm x 9.1 cm)
Weight	5 lbs. (2.3 kg) with standard battery installed 6 lbs. (2.7 kg) with extended battery installed
User interface	Touch screen LCD

Operating conditions

Operating temperature	41° F to 95° F (5° C to 35° C)
Relative humidity	15% to 93%
Altitude	Up to 10,000 ft. (3,048 m)

AC power

Input	100 to 240 VAC, 50/60 Hz
Output	19 VDC, 6.3 A max
Power consumption	120 W while charging

DC power

Input	12 – 16 VDC
Output	19 +/- 5% VDC, 6.3 A

Audible alarm

Sound level	56 dBA or greater when measured at 1 m
Alarm type	No breath, low oxygen concentration, high breath rate, technical fault, low battery, no flow, depleted battery, external power failure

Battery

Chemistry	Lithium ion 14.4 VDC (nominal)
Battery options	Standard battery, Extended battery (equals two standard batteries)
Dimensions	Standard battery: 7.9 in. x 3.6 in. x 1.0 in. (20.1 cm x 9.1 cm x 2.5 cm) Extended battery: 7.9 in. x 3.6 in. x 1.9 in. (20.1 cm x 9.1 cm x 4.8 cm)
Weight	Standard battery: 1.1 lbs. (0.50 kg) Extended battery 2.1 lbs. (0.95 kg)
Watt-hour rating per standard battery	3.4 Ah x 3.6V x 8 cells = 97.9 Wh per standard battery
Charge time	Standard battery: 4 hours maximum Extended battery: 8 hours maximum

Typical battery duration on pulse setting 2, 20 BPM³

Standard battery	Up to 4.5 hours
Extended battery	Up to 9 hours

³Battery duration times are based on new, fully charged batteries used with a new SimplyGo Mini System. Battery duration times will degrade with battery age, environmental operating conditions, use over time, and operational condition of the concentrator.