AIRLIFE OPEN™ OXYGEN MASK PERFORMANCE COMPARISON

ONE OXYGEN SOLUTION FOR ALL PATIENTS WITH SUPERIOR PERFORMANCE

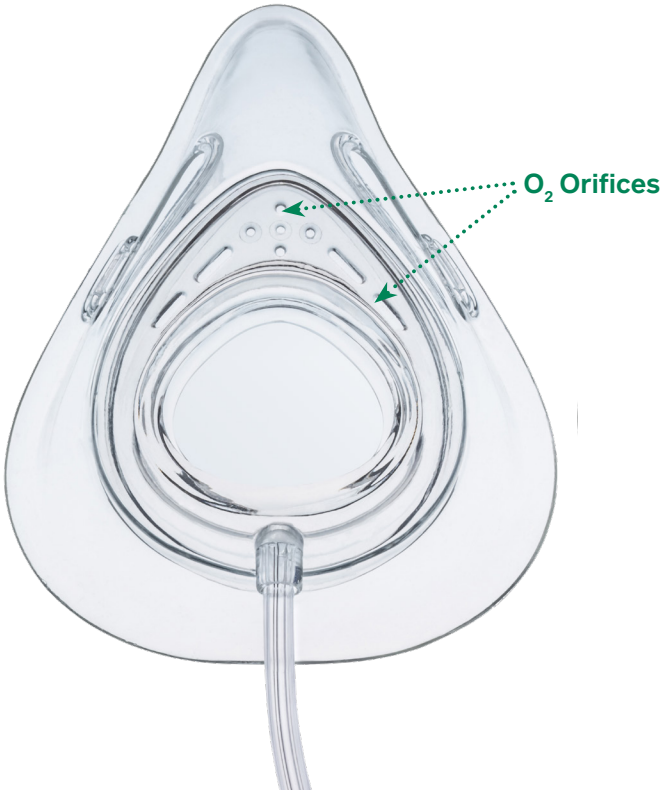
- 1 LPM to 15 LPM and flush oxygen flow
- Achieves on average 4% higher tracheal O_2 concentration than Southmedic OxyMask™ oxygen mask across O_2 liter flow range
- Performance encompasses the continuum of oxygen delivery currently served by multiple devices

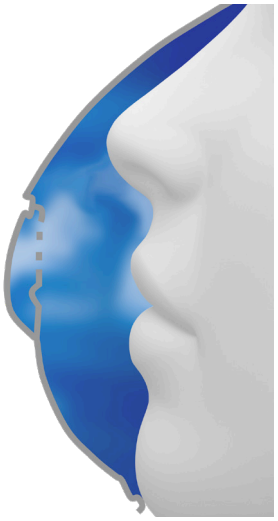
A NOVEL OPEN MASK WITH UNIQUE SOFT OXYGEN DELIVERY TECHNOLOGY

- Distributed flow through multiple jet orifices creates a soft curtain of oxygen around the nose and mouth, resulting in more comfortable and quieter therapy
- Unique geometry of mask openings reduces entrainment of ambient air to maintain higher oxygen concentrations
- Oxygen flow emanates from the mask surface – no obtrusive structures like pins or diffusers which can interfere with the face and lead to performance sensitivity to mask positioning/face shapes

IMPROVED CONVENIENCE, THERAPY TOLERANCE AND SAFETY PROFILE

- Open mask enables talking, eating, hygiene, medication delivery and certain oral/nasal procedures
- Comfort split straps provide superior fit, adjustability, and reduced concerns around skin breakdown
- Open mask reduces risk of rebreathing of CO_2 at low flows
- Oxygen supply tubing is conveniently located at the bottom of the mask to avoid interference with oral opening
- Larger internal mask volume accommodates more face morphologies





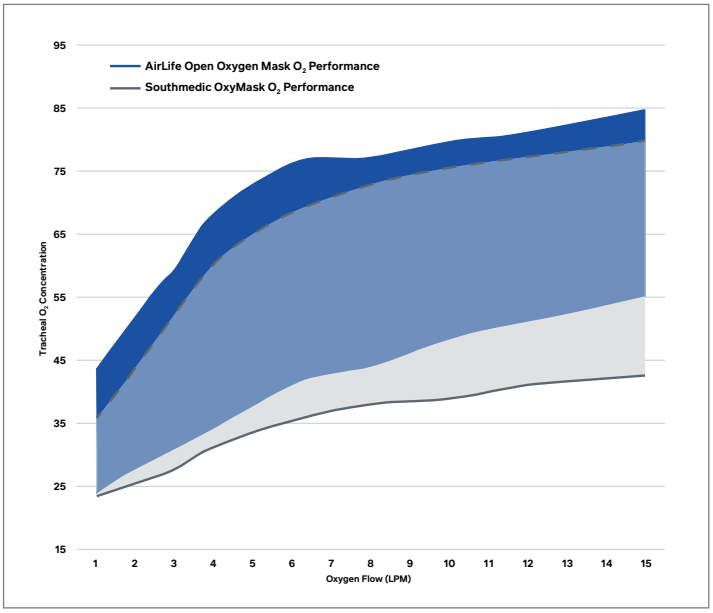
TRACHEAL O_2 CONCENTRATION PERFORMANCE

AIRLIFE OPEN™ OXGYGEN MASK AND SOUTHMEDIC OXYMASK™

OVERALL MAXIMUM & MINIMUM PERFORMANCE

All Sizes (Small, Medium, and Large)

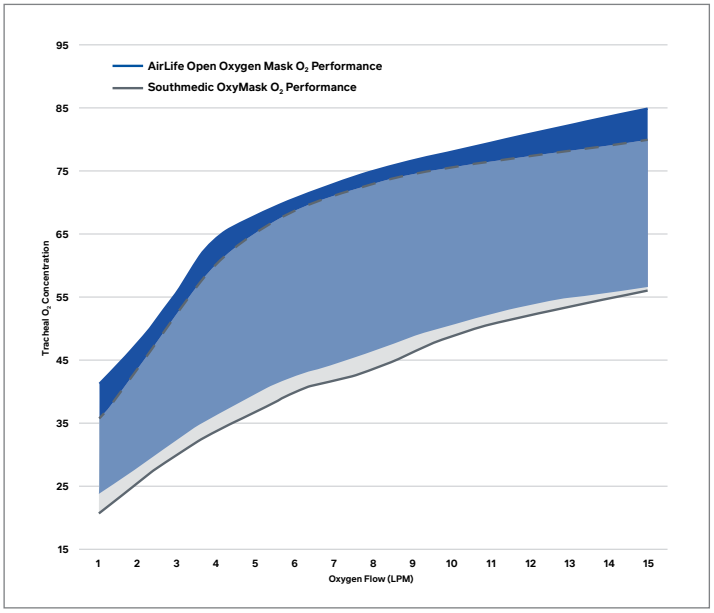
Tested Tidal Volume Ranges from 200 mL to 750 mL • Tested Breath Rates of 10, 15, and 20 Per Minute



MAXIMUM & MINIMUM PERFORMANCE

Large Mask

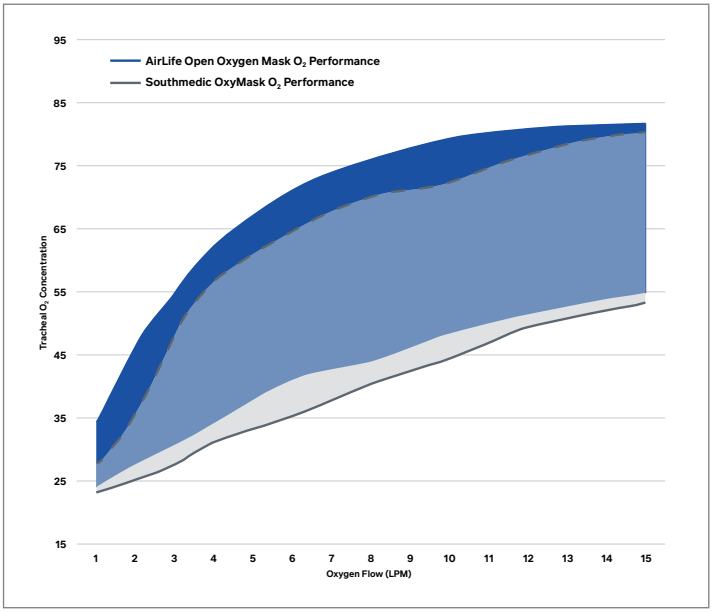
Tested Tidal Volume Ranges from 300 mL to 750 mL • Tested Breath Rates of 10, 15, and 20 Per Minute



MAXIMUM & MINIMUM PERFORMANCE

Medium Mask

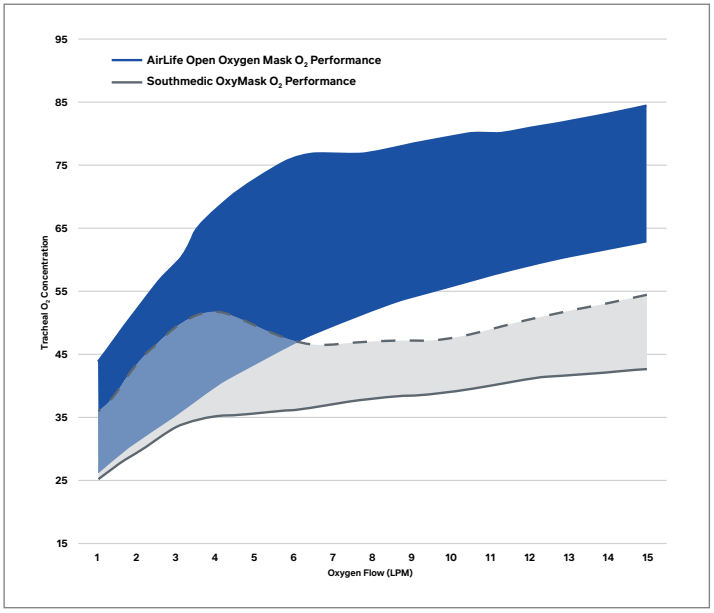
Tested Tidal Volume Ranges from 300 mL to 750 mL • Tested Breath Rates of 10, 15, and 20 Per Minute



MAXIMUM & MINIMUM PERFORMANCE

Small Mask

Tested Tidal Volume Ranges from 200 mL to 500 mL • Tested Breath Rates of 10, 15, and 20 Per Minute



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