

AirLife[®] manual self-inflating resuscitation device specifications

Choose high-performance and high-quality resuscitation

AirLife[®] manual resuscitation devices include a wide range of self-inflating options designed with the patient and clinician in mind. These industry-leading options include a CO₂ detector, manometer, filter, masks and reservoirs.



Resuscitation bags performance specifications	Adult (> 30 kg)	Pediatric (10 to 30 kg)	Infant (5 to 10 kg)
Bag volume	2,100	1,000	600
Average stroke volume, 1 hand (mL)	600	500	270
Average stroke volume, 2 hands (mL)	900	660	330
Device maximum weight (kg)	0.5	0.4	0.33
Approx. external dimensions* (mm)	350 x 165 x 125	290 x 135 x 100	255 x 115 x 90

* Device measured with face mask (reservoirs or other attachments not considered)

Oxygen concentrations (avg. values)

FiO ₂ performance (%)			
w/Corrugated reservoir	100	> 97	> 97
w/Reservoir bag	> 90	> 90	> 90
Cycle rate (BPM)	12	20	25
Tidal volume (mL)	> 600	> 450	> 150
Oxygen flow rate (L/min)	15	15	15

Additional specifications

Patient connector dimensions (mm)	22 O.D./15 I.D.	22 O.D./15 I.D.	22 O.D./15 I.D.
Inspiratory resistance	< 5 cmH ₂ O at 50 L/min	< 5 cmH ₂ O at 30 L/min	< 5 cmH ₂ O at 30 L/min
Expiratory resistance	< 5 cmH ₂ O at 50 L/min	< 5 cmH ₂ O at 30 L/min	< 5 cmH ₂ O at 30 L/min
Maximum dead space	7 mL	7 mL	7 mL
Storage temperatures	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)	-40 to 60 °C (-40 to 140 °F)
Operating temperatures	-18 to 50 °C (0 to 123 °F)	-18 to 50 °C (0 to 123 °F)	-18 to 50 °C (0 to 123 °F)
PEEP/Filter adapter connection (mm)	30 O.D.	30 O.D.	30 O.D.

Pressure manometer

Pressure range (cmH ₂ O)	0–60	0–60	0–60
Accuracy (cmH ₂ O)	± 5	± 5	± 5

AirLife[®]



AirLife self-inflating resuscitation bags (6 per case)

Cat. No.	Product description
Adult	
2K8000	Adult, with oxygen reservoir bag
2K8001	Adult, with 40" corr. oxygen tubing
2K8004	Adult, with mask, oxygen reservoir bag
2K8004F	Adult, with mask, oxygen reservoir bag, filter
2K8004M	Adult, with mask, oxygen reservoir bag, manometer
2K8004C2	Adult, with mask, oxygen reservoir bag, CO ₂ detector
2K8005	Adult, with mask, 40" corr. oxygen tubing
2K8005F	Adult, with mask, 40" corr. oxygen tubing, filter
2K8005C2	Adult, with mask, 40" corr. oxygen tubing, CO ₂ detector
2K8005C2M	Adult, with mask, 40" corr. oxygen tubing, CO ₂ detector, manometer
2K8017	Adult, with mask, large bore tubing
2K8032	Adult, with mask, large bore tubing, pop-off valve
2K8032M	Adult, with mask, large bore tubing, pop-off valve, manometer
2K8033	Adult, with reservoir bag, PEEP valve
2K8034	Adult, with 40" corr. oxygen tubing, PEEP valve
2K8035	Adult, with mask, oxygen reservoir bag, PEEP valve
2K8035C2	Adult, with mask, oxygen reservoir bag, CO ₂ detector, PEEP valve
2K8036	Adult, with mask, 40" corr. oxygen tubing, PEEP valve

 **WARNING**—U.S. Federal Law restricts this device to sale by or on the order of a physician.

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AirLife self-inflating resuscitation bags (6 per case)

Cat. No.	Product description
Pediatric	
2K8008	Pediatric, with mask, 40" corr. oxygen tubing, pop-off valve
2K8008F	Pediatric, with mask, 40" corr. oxygen tubing, filter
2K8008M	Pediatric, with mask, 40" corr. oxygen tubing, manometer
2K8008C2	Pediatric, with mask, 40" corr. oxygen tubing, CO ₂ detector
2K8008C2M	Pediatric, with mask, 40" corr. oxygen tubing, CO ₂ detector, manometer
2K8018	Pediatric, with mask, large bore tubing, pop-off valve
2K8020	Pediatric, with mask, oxygen reservoir bag, pop-off valve
2K8037	Pediatric, with mask, large bore tubing, pop-off valve, PEEP valve
2K8037C2	Pediatric, with mask, 40" corr. oxygen tubing, CO ₂ detector, PEEP valve
2K8039	Pediatric, with mask, oxygen reservoir bag, PEEP valve
2K8039C2	Pediatric, with mask, oxygen reservoir bag, CO ₂ detector, pop-off valve, PEEP valve
Infant	
2K8010	Infant, with mask, 40" corr. oxygen tubing, pop-off valve
2K8010C2	Infant, with mask, 40" corr. oxygen tubing, pop-off valve, CO ₂ detector
2K8010C2M	Infant, with mask, 40" corr. oxygen tubing, pop-off valve, CO ₂ detector, manometer
2K8019	Infant, with mask, large bore tubing, pop-off valve
2K8021	Infant, with mask, oxygen reservoir bag, pop-off valve
2K8038	Infant, with mask, 40" corr. oxygen tubing, pop-off valve, PEEP valve
2K8038M	Infant, with mask, 40" corr. oxygen tubing, manometer, PEEP valve
2K8040	Infant, with mask, oxygen reservoir bag, pop-off valve, PEEP valve

