

Bird® Blenders

Critical care ventilation



A perfect blend for a variety of applications

Bird Blenders

The quality, reliability and versatility of Bird Blenders have made them the blenders of choice for more than 30 years. CareFusion offers a diverse line of Bird Blenders to meet the needs of a variety of applications including options for MRI facilities, NICUs and transport.



An oxygen monitor, analyzer and blender in one compact, affordable unit

Bird Sentry™ Blender

The Bird Sentry compact air/oxygen gas mixing device incorporates the use of a battery powered oxygen analyzer/monitor. The gas mixing device (blender) provides for precise mixing of medical grade air and oxygen. The analyzer measures the selected oxygen concentrations from the blender's gas flow and displays these measured concentrations on a digital display. The monitor provides high and low alarm limits that, when exceeded, cause an audible/visual alarm to activate.



Sentry Blender high flow	
Material #	V15625
Dimensions	7.25" x 4.75" x 6.5" (184 mm x 127 mm x 159 mm)
Weight	4.5 lbs (2.0 kg)
Sensor accuracy	± 2% O ₂
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	2 to 100 LPM
Bleed flow	3 to 5 LPM when activated
Power source	2 AA (1.5V each) alkaline batteries

Sentry Blender low flow	
Material #	V16694
Dimensions	7.25" x 4.75" x 6.5" (184 mm x 127 mm x 159 mm)
Weight	4.5 lbs (2.0 kg)
Sensor accuracy	± 2% O ₂
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated
Power source	2 AA (1.5V each) alkaline batteries



MicroBlender high flow

The versatile MicroBlender features delivery of accurate FIO₂ mixtures from two outlet ports and has an overall flow range of 2 to 120 LPM. It is the ideal product when high demands of blended gas are required.

MicroBlender high flow	
Material #	V16694
Dimensions	3.5" x 3.4" x 3.6" (89 mm x 86 mm x 91 mm)
Weight	2.75 lbs (1.25 kg)
Sensor accuracy	± 3% O ₂
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	2 to 120 LPM
Bleed flow	10 to 12 LPM when activated



MicroBlender low flow

Perfect for air, ground and in-house transports as well as infant applications, the low flow MicroBlender features accurate blends at a flow range of 3 to 30 LPM with no gas bleed flow, or 0 to 30 LPM with a minimal 2.5 to 3.5 LPM gas bleed flow.

MicroBlender low flow	
Material #	V03920A
Dimensions	3.5" x 3.4" x 3.6" (89 mm x 86 mm x 91 mm)
Weight	2.75 lbs (1.25 kg)
Sensor accuracy	± 3% O ₂
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated

UltraBlender

The UltraBlender has the same specifications as the MicroBlender low flow, but includes two pressure compensated flowmeters mounted to either side. Available in a variety of different configurations, the UltraBlender is a good option for NICUs and PICUs.



UltraBlender low flow with flow meters

Dimensions	3.5" x 3.4" x 3.6" (89 mm x 86 mm x 91 mm)
Weight	4.0 lbs (1.82 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	0 to 30 LPM
Bleed flow	2.5 to 3.5 LPM when activated

UltraBlender configuration

Material #	Left side flowmeter	Right side flowmeter
V10040A	2.0 to 16 LPM increments of 1	0.1 to 1.0 LPM increments of 0.1
V10041A	2.0 to 16 LPM increments of 1	0.5 to 5.0 LPM increments of 0.5
V10042A	2.0 to 16 LPM increments of 1	1.0 to 10 LPM increments of 1
V10046A	2.0 to 16 LPM increments of 1	2.0 to 16 LPM increments of 1
V10047A	1.0 to 10 LPM increments of 1	0.1 to 1.0 LPM increments of 0.1
V10049A	1.0 to 10 LPM increments of 1	1.0 to 10 LPM increments of 1



OmniBlender

The OmniBlender is designed with multi-use in mind. Three outlet ports are able to provide combined flows from 2 to 100 LPM, giving the user the ability to have three separate items connected at once.

OmniBlender high flow with three ports

Material #	V03803T
Dimensions	3.5" x 3.4" x 3.6" (89 mm x 86 mm x 91 mm)
Weight	3.0 lbs (1.36 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	3
Overall flow range	2 to 100 LPM
Bleed flow	10 to 12 LPM continuous



MicroBlender MRI

Made entirely of non-magnetic materials, this unit is specifically made for use in MRI environments, and has identical specifications to the standard high flow MicroBlender.

MicroBlender MRI

Material #	V10030A
Dimensions	3.5" x 3.4" x 3.6" (89 mm x 86 mm x 91 mm)
Weight	2.75 lbs (1.25 kg)
Sensor accuracy	± 3%
Supply pressure	30 to 75 PSIG / 2.1 to 5.3 kg/cm ²
Alarm activation bypass	When supply pressures differ by 20 ± 2 PSI
Number of ports	2
Overall flow range	2 to 120 LPM
Bleed flow	10 to 12 LPM when activated

Bird Blender accessories

Recommended accessories

Material #	Description
V00060	Hose, oxygen, high pressure, 15', male/female
V03868	Hose, oxygen, high pressure, 3', male/female
V02899	Hose, air, high pressure, 15', female both ends
V03867	Hose, air, high pressure, 3', female both ends
V04322	Bracket, pole mount
V05141	Bracket, wall mount
V05213	Bracket, wall mount, female
V03017	Bracket, pole mount BHH
V09440	Bracket, rail mount
V09437	Bracket, rail mount
V2688-332	Adapter, 90° elbow
V05473	Adapter, DISS air/oxygen
V07426	Air inlet filter/water trap
V09220	Flowmeter, oxygen (0 to 15 LPM) includes wingnut

V04322 Pole mount bracket



V05141 Wall mount bracket



V09437 Rail mount bracket



V09440 Rail mount bracket



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

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