



MSA G1[®] Rescue Breathing Options

G1 ExtendAire[™] II System, G1 RescueAire[™] II System
and Portable Air Supply Systems



WHEN YOU GO IN, WE GO IN WITH YOU.

MSA G1 ExtendAire™ System

The all new MSA G1 ExtendAire II System is a Universal Emergency Breathing Supply System (UEBSS) accessory that uses intermediate pressure air to provide firefighters with emergency breathing air.

The G1 ExtendAire II System allows firefighters to quickly and easily interconnect to a fellow firefighter's air supply. The ExtendAire II System integrated into the G1 SCBA, providing mobility and easy access during emergency situations. The system uses locking quick-connects with integrated check valve.

The new MSA G1 ExtendAire II System features an integrated rescue hose and manifold assembly that uses both male and female quick-connect fittings. The system is stowed in a low-profile pouch that mounts on the carrier assembly, positioned to help prevent snagging and accidental opening.



Approvals & Standards

The G1 ExtendAire II is NIOSH approved and NFPA 1981-2018 edition compliant.

ExtendAire II System	G1 ExtendAire II can be configured on the purchase of a new G1 SCBA or by installing a field upgradeable conversion kit.	
	Part No.	Description
	10205767	G1 ExtendAire II System Conversion Kit, UEBSS, 2018 Ed.
	10203820	Replacement pouch for G1 ExtendAire II System, UEBSS, 2018 Ed.
	10156464	G1 ExtendAire II System Conversion Kit, 2013 Ed.
	10156466-SP	Replacement pouch for G1 ExtendAire II System, 2013 Ed.

MSA G1 Airline Capabilities

The MSA G1 ExtendAire II also provides an airline solution for quick connection at emergency events requiring an extended air supply like bucket operations, Hazmat or confined spaces. An airline adapter connects to the ExtendAire II manifold assembly, to provide external air from distances up to 300 feet away.

Airline Adapters for ExtendAire II System	Part No.	Description
	10188834	Airline Adapter, Snap-Tite Aluminum, ExtendAire II, UEBSS
	10188835	Airline Adapter, Snap-Tite Stainless Steel, ExtendAire II, UEBSS
	10188836	Airline Adapter, Snap-Tite Brass, ExtendAire II, UEBSS
	10188837	Airline Adapter, Hansen Stainless Steel, ExtendAire II, UEBSS
	10188838	Airline Adapter, Hansen Brass, ExtendAire II, UEBSS
	10188840	Airline Adapter, Foster Steel, ExtendAire II, UEBSS
	10188841	Airline Adapter, Foster Stainless Steel, ExtendAire II, UEBSS
	10188842	Airline Adapter, Foster Brass, ExtendAire II, UEBSS
	10188843	Airline Adapter, Steel, Locking, Aluminum, ExtendAire II, UEBSS
	10188844	Airline Adapter, Steel, Locking, Stainless Steel, ExtendAire II, UEBSS
	10188845	Airline Adapter, Steel, Locking, Brass, ExtendAire II, UEBSS
	10188846	Airline Adapter, Foster, Locking, Stainless Steel, ExtendAire II, UEBSS
	10188847	Airline Adapter, Ceijn, Locking, ExtendAire II, UEBSS

MSA G1 Quick-Fill System

The Quick-Fill System lets MSA air mask users refill and transfill air cylinders¹ while SCBA is worn, without removing the air cylinder—even in IDLH atmospheres. Use this MSA option to:

- Fill SCBA cylinder from a mobile compressor or cascade system in less than a minute.
- Transfill between two cylinders, providing emergency breathing system.¹
- Extend air supply over longer durations, using a remote compressed-air source.

Air masks compliant to recent NFPA standards have Quick-Fill System URC fitting located at the Audi-Larm Audible Alarm warning device. Quick-Fill System hose with quick-disconnect connects air source to adapter for air transfer. See Bulletin 0105-92-MC for a Quick-Fill System Q&A.

¹SCBA to SCBA Transfilling is not available with the 5500 psig operating system



	Part No.	Description
MSA G1 Quick-Fill System Replacement Parts	10156465	Waist-mounted Quick-Fill for MSA G1 SCBA
	10156467	Replacement Quick-Fill pouch for MSA G1 SCBA
	10156468	3-ft. Quick-Fill hose in pouch for MSA G1 SCBA

	25-ft.	12-ft.	10-ft.	8-ft.	6-ft.	3-ft.	Fittings
Quick-Fill System Hoses	485332	802690	802689	802688	802687	485331	FQD x FQD
	487907	802677	802675	802673	802671	492796	FQD x CGA-347 outlet
	487909	802685	802683	802681	802679	487427	FQD x CGA-347 CN
	487906	802704	802703	802702	802701	802705	FQD x SAE-4
	487908	802678	802676	802674	802672	492797	FQD x CGA-346 outlet
	487910	802686	802684	802682	802680	487428	FQD x CGA-346 CN

25-ft. lengths are stocked; custom lengths are available on special material basis. All SAE fittings are for high-pressure service. Female quick-disconnect fittings have dust covers.

RescueAire™ II Portable Air-Supply System

The MSA G1 RescueAire II System provides Rapid Intervention Teams (RITs) and firefighters with emergency breathing air within almost any situation quickly and easily. Versatile system enables selection of the right option for your application, including capability of supplying emergency breathing air to trapped firefighters wearing SCBA with compatible system(s). Built for extreme fire service conditions, G1 RescueAire II System is available in two operating pressures, 2216 and 4500 psi. Optional-use shoulder strap provides hands-free carrying.

G1 RescueAire II System incorporates a G1 Regulator, allowing a RIT team to provide air to a downed firefighter wearing a G1 Facepiece. Feature-packed system consists of G1 Cylinder, Quick-Fill® emergency breathing system (EBS), ExtendAire™ System EBS, and G1 Regulator (The G1 Regulator connects directly to the MSA G1 Facepiece for maximum rescue capability), supported by a flame- and heat-resistant carrying harness.

G1 RescueAire II System features include:

- 36" Quick-Fill System EBSS Connection
- ExtendAire System EBSS Connection
- G1 PR-14 Pressure Reducer
- G1 Regulator
- Carrying harness with adjustable shoulder strap
- Audi-Larm™ Audible Alarm low pressure warning device



	Part No.	Description
MSA G1 RescueAire System	10161130	RescueAire II System, Snap-Tite, 4500, 60-min cylinder
	10207540	RescueAire II System, UEBSS, 4500, 60-min cylinder
	10161142	RescueAire II System, Snap-Tite, 4500, less cylinder
	10207542	RescueAire II System, UEBSS, 4500, less cylinder
	10161141	RescueAire II System, Snap-Tite, 2216, 30-min cylinder
	10207541	RescueAire II System, UEBSS, 2216, 30-min cylinder
	10161143	RescueAire II System, Snap-Tite, 2216, less cylinder
	10207543	RescueAire II System, UEBSS, 2216, less cylinder

MSA G1 RIT System

The G1 RIT System provides multiple options for RIT response. Internal pneumatics include G1 RIT System quick-connect pressure reducer that mounts directly onto user-supplied SCBA cylinder. Available in 2216, 4500, and 5500 psi operating pressures, cylinders are sold separately.

G1 RIT System features include:

- Six-foot high pressure supply line that terminates with female Quick-Fill System fitting
- Six-foot intermediate pressure supply line that terminates with ExtendAir II System manifold assembly
- Quick-connect second-stage G1 MMR
- Remote external gauge for easy cylinder pressure readings
- Medium size G1 Facepiece with four-point Speed-ON® Head Harness
- URC fitting on G1 RIT System pressure reducer that allows for interconnection of G1 RIT Systems

MSA G1 RIT System	Part No.	Description
	5500 PSI Operating Pressure	
	10206312	G1 RIT System, 5500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
	10197179	G1 RIT System, 5500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (2013 ed.), remote gauge, URC, Quick-Connect
4500 PSI Operating Pressure		
	10206311	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (UEBSS, 2018 ed.), remote gauge, URC, Thread Connect
	10206313	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
	10169711	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (2013 ed.), remote gauge, URC, Quick-Connect
	10192465	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (2013 ed.), remote gauge, URC, Thread Connect
2216 PSI Operating Pressure		
	10206310	G1 RIT System, 2216, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
	10169710	G1 RIT System, 2216, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAir II Systems (2013 ed.), remote gauge, URC, Quick-Connect

G1 SCBA Cylinder Ordering Information

MSA G1 SCBA Standard Cylinders for Threaded Remote Connection

Cylinder Pressure	Cylinder Type	Connection Type	Handwheel Type	Air	Less Air
2216 PSIG	30-minute	Threaded	Standard	10156422-SP	10156431-SP
4500 PSIG	30-minute	Threaded	Standard	10156423-SP	10156432-SP
4500 PSIG	45-minute (<i>low-profile</i>)	Threaded	Standard	10156424-SP	10156433-SP
4500 PSIG	45-minute	Threaded	Standard	10156425-SP	10156434-SP
4500 PSIG	60-minute	Threaded	Standard	10156426-SP	10156435-SP
5500 PSIG	30-minute	Threaded	Standard	10185508	10185602
5500 PSIG	45-minute	Threaded	Standard	10185509	10185603
5500 PSIG	60-minute	Threaded	Standard	10185510	10185604

MSA G1 SCBA Standard Cylinders for Quick-Connect Remote Connection

Cylinder Pressure	Cylinder Type	Connection Type	Handwheel Type	Air	Less Air
2216 PSIG	30-minute	Quick-Connect	Standard	10175706	10175711
4500 PSIG	30-minute	Quick-Connect	Standard	10175707	10175712
4500 PSIG	45-minute (<i>low-profile</i>)	Quick-Connect	Standard	10175708	10175713
4500 PSIG	45-minute	Quick-Connect	Standard	10175709	10175714
4500 PSIG	60-minute	Quick-Connect	Standard	10175710	10175715
5500 PSIG	30-minute	Quick-Connect	Standard	10181628	10181708
5500 PSIG	45-minute	Quick-Connect	Standard	10181629	10181709
5500 PSIG	60-minute	Quick-Connect	Standard	10181630	10181710

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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