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 II 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.

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.

MSA G1 SCBA ExtendAire II System Ordering Information

G1 ExtendAire II can be configured on the purchase of a new G1 SCBA or by installing a field upgradeable conversion kit.

Part Number	Description
10205767	Conversion Kit, G1 Extendaire II, UEBSS (2018 ed.)
10203820	Pouch, Replacement for G1 ExtendAire II System, UEBSS (2018 ed.)
10156464	Kit, ExtendAire II System Conversion for G1 SCBA (2013 ed.)
10156466-SP	Pouch, Replacement for G1 ExtendAire II System (2013 ed.)

MSA G1 SCBA Airline Adapter for ExtendAire II System Ordering Information

10188834	Airline Adaptor, Snap-Tite Aluminum, ExtendAire II, UEBSS
10188835	Airline Adaptor, Snap-Tite Stainless Steel, ExtendAire II, UEBSS
10188836	Airline Adaptor, Snap-Tite Brass, ExtendAire II, UEBSS
10188837	Airline Adaptor, Hansen Stainless Steel, ExtendAire II, UEBSS
10188838	Airline Adaptor, Hansen Brass, ExtendAire II, UEBSS
10188840	Airline Adaptor, Foster Steel, ExtendAire II, UEBSS
10188841	Airline Adaptor, Foster Stainless Steel, ExtendAire II, UEBSS
10188842	Airline Adaptor, Foster Brass, ExtendAire II, UEBSS
10188843	Airline Adaptor, Steel, Locking, Aluminum, ExtendAire II, UEBSS
10188844	Airline Adaptor, Steel, Locking, Stainless Steel, ExtendAire II, UEBSS
10188845	Airline Adaptor, Steel, Locking, Brass, ExtendAire II, UEBSS
10188846	Airline Adaptor, Foster, Locking, Stainless Steel, ExtendAire II, UEBSS
10188847	Airline Adaptor, Ceijn, Locking, ExtendAire II, UEBSS

MSA G1 Quick-Fill System

The Quick-Fill System lets MSA air mask users refill and transfill air cylinders* 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.*
- 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.

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

QUICK-FILL SYSTEM REPLACEMENT		
	10156465	Waist-mounted Quick-Fill System for MSA G1 SCBA
	10156467	Replacement Quick-Fill System pouch for MSA G1 SCBA
	10156468	3-ft. Quick-Fill System hose in pouch for MSA G1 SCBA

	25-ft.	12-ft.	10-ft.	8-ft.	6-ft.	3-ft.	
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; other custom lengths are available on special material basis.
All SAE fittings are for high-pressure service. Female quick-disconnect fittings have dust covers.

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MSA G1 RescueAire II 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

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

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 includes:

- Six-foot high pressure supply line that terminates with female Quick-Fill System fitting
- Six-foot intermediate pressure supply line that terminates with ExtendAire 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

PLEASE NOTE: Quick-Connect Cylinder Adapter must be ordered for each cylinder separately.
Quick-Connect Cylinder Adapter part numbers for: 2216 PSI = 10149701-SP; 4500/5500 PSI = 10149702-SP.
* Low Profile version of the 45 min, 4500 psig cylinder

MSA G1 RescueAire II System Ordering Information

Part Number	Description	Part Number	Description
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 lylinder
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 Ordering Information

Note: This RIT system does NOT include cylinder. Please see cylinder ordering information.

Part Number	Description
5500 PSI Operating Pressure	
10206312	G1 RIT System, 5500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick- Connect
10197179	G1 RIT System, 5500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect
4500 PSI Operating Pressure	
10206311	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Thread Connect
10206313	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
10169711	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect
10192465	G1 RIT System, 4500, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Thread Connect
2216 PSI Operating Pressure	
10206310	G1 RIT System, 2216, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (UEBSS, 2018 ed.), remote gauge, URC, Quick-Connect
10169710	G1 RIT System, 2216, FCPC, Regulator, 6-Ft Quick-Fill & ExtendAire II Systems (2013 ed.), remote gauge, URC, Quick-Connect

MSA G1 SCBA Cylinders for Threaded Remote Connection

Air	Less Air	Cylinder Pressure	Cylinder Duration	Connection Type	Handwheel Type
10156422-SP	10156431-SP	2216 psig	30 min	Threaded	Standard
10156423-SP	10156432-SP	4500 psig	30 min	Threaded	Standard
10156424-SP	10156433-SP	4500 psig	45 min LP*	Threaded	Standard
10156425-SP	10156434-SP	4500 psig	45 min	Threaded	Standard
10156426-SP	10156435-SP	4500 psig	60 min	Threaded	Standard
10185508	10185602	5500 psig	30 min	Threaded	Standard
10185509	10185603	5500 psig	45 min	Threaded	Standard
10185510	10185604	5500 psig	60 min	Threaded	Standard
10185601	10185605	5500 psig	75 min	Threaded	Standard

MSA G1 SCBA Cylinders for Quick-Connect Remote Connection

Air	Less Air	Cylinder Pressure	Cylinder Duration	Connection Type	Handwheel Type
10175706	10175711	2216 psig	30 min	Quick-connect	Standard
10175707	10175712	4500 psig	30 min	Quick-connect	Standard
10175708	10175713	4500 psig	45 min LP*	Quick-connect	Standard
10175709	10175714	4500 psig	45 min	Quick-connect	Standard
10175710	10175715	4500 psig	60 min	Quick-connect	Standard
10181628	10181708	5500 psig	30 min	Quick-connect	Standard
10181629	10181709	5500 psig	45 min	Quick-connect	Standard
10181630	10181710	5500 psig	60 min	Quick-connect	Standard
10181631	10181731	5500 psig	75 min	Quick-connect	Standard

MSA—**The Safety Company**

Our business is safety. We've been the world's leading manufacturer of high-quality safety products since 1914. MSA products may be simple to use and maintain, but they're also highly-sophisticated devices and protective gear—the result of countless R&D hours, relentless testing and an unwavering commitment to quality that saves lives and protects millions of hard working men and women each and every day. Many of our most popular products integrate multiple combinations of electronics, mechanical systems and advanced materials to help ensure that users around the world remain protected in even the most hazardous of situations.

Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families and their communities may live in health throughout the world.

MSA: WE KNOW WHAT'S AT STAKE.

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