



Airline systems are suited for long-duration work restricted to one location or adverse conditions when a confined entry does not permit use of a compressed air breathing apparatus. You can choose between compressed air systems and fresh air hose devices.

For escape purposes MSA offers a wide range of escape devices suiting all scenarios, even extremely high H₂S concentrations.

Compressed Airline Breathing Apparatus

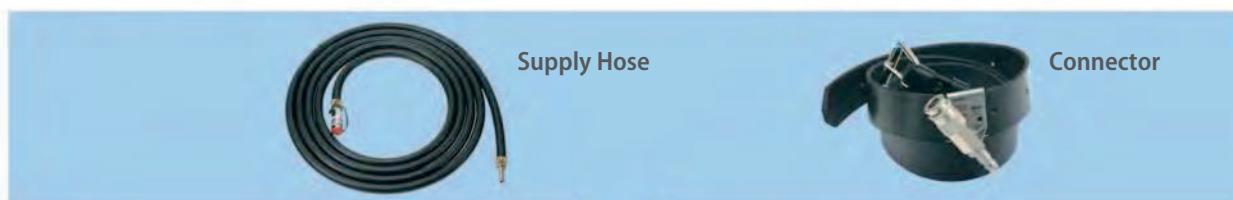
MSA compressed airline breathing apparatus, according to EN 14593-1, function independently of the ambient atmosphere. They can be used in all places where the ambient air is not breathable because of contaminants or oxygen deficiency

and where filtering devices do not provide sufficient protection. Compressed air is supplied from an external source (e.g. factory airline), from a compressed air cylinder or from a compressor.

SOURCES/SCBA



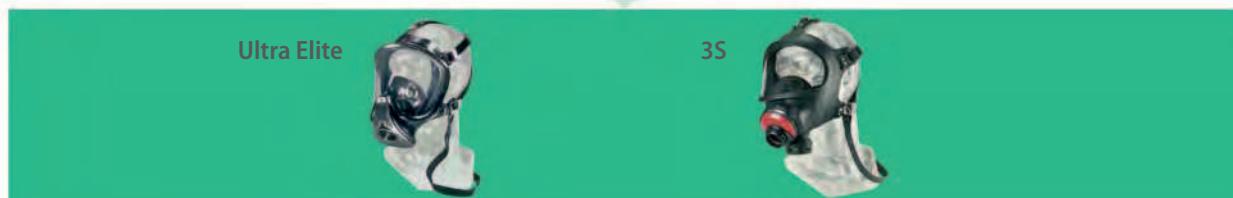
HOSES & CONNECTOR



DEMAND VALVES



FACEPIECES





Diaphragm Compressor

V-Meko 400: portable compressor with an intake performance of 360 l/min and a medium pressure of approx. 5 bar.

R-Meko 720: has a 400 V motor and an intake performance of 720 l/min. It is fixed onto a solid frame with wheels. Both compressors supply oil-free air.

D4066843 V-Meko 400

10014875 R-Meko 720

D4066804 Y-Piece



Air Filter

Filter to purify compressed air for up to 2 users.

D3043986 Filter housing

D3043994 Filter connectors

D3043987 Airline filter cartridge CO

D3043989 Airline filter cartridge AB/St

D3043993 Airline filter cartridge A

D4066804 Y-Piece



Airline Belt & Connecting Piece

For connecting a full face mask and a demand valve with the airline supply hose.

D4066803 Connecting piece

D3043918 Leather waist belt



Air Supply Hose

Compressed air supply hose, antistatic, with one-hand operation safety couplings.

D4066847 Air supply hose, 5 m

D4066848 Air supply hose, 10 m

D4066849 Air supply hose, 20 m

10152521 Air Supply Hose, 30 m



Pressure Reducer

Directly connected to a cylinder 200 or 300 bar.

D4066830 Pressure reducer



ASV - Automatic Switch Valve

The ASV connects a compressed airline to a PremAire Combination or any other MSA SCBA. This ensures a continuous supply of air in case the external air source (e.g. factory airline) fails.

D4066700 Automatic switch valve



Emergency Air System

The emergency air supply system will be connected to a 200 or 300 bar cylinder, the Y-piece will be connected to an air supply system (e.g. Meko compressor) and via the supply hose to the belt connector. If the operating pressure drops, the air comes automatically from the cylinder.

D4066845 Emergency air system with Y-Piece



Air Filtering Unit

Air purification for up to 4 users in 2 stages:

1) dirt, oil and water aerosols removal

2) oil vapour and odour removal

D4066851 Compressed air filtering unit (without couplings)

10041367 Kit of airline couplings

Short Duration SCBA, Combination & Escape Devices



PremAire Combination

The PremAire Combination, a combination supplied airline respirator with compressed air cylinder, is designed to be versatile, comfortable, and affordable. A streamlined design offers a first stage pressure reducer and cylinder valve within one assembly, creating a very small size and profile that is less likely to snag when working in confined space or tight places. The PremAire Combination can be equipped with either the 3S-PS-MaXX or the Ultra Elite-PS-MaXX full face mask in combination with the AutoMaXX-AS lung governed demand valve.

Depending on the type of application or approvals requested, four different configurations can be ordered:

- **PremAire Combination Escape**

Escape only respirator approved to EN 402

- **PremAire Combination Airline/Escape**

Airline/Escape respirator approved to EN 14593-1 and EN 402

- **PremAire Combination Airline/SCBA**

Airline/SCBA respirator approved to EN 14593-1 and EN 137

- **PremAire Combination Mini**

Short duration SCBA approved to EN 137-type I

EN 402 or EN 14593-1/EN 402 or EN 14593-1/EN 137 or EN 137

10124784	PremAire Combination Escape, with 3S full face mask, 2 l steel cylinder (empty)
10124796	PremAire Combination Escape, with 3S full face mask, 2 l composite cylinder (empty)
10124787	PremAire Combination Airline/Escape, with 3S full face mask, 2 l composite cylinder (empty)
10152571	PremAire Combination Airline/SCBA, with 3S full face mask, 2 l composite cylinder (empty)
10152572	PremAire Combination Mini, with 3S full face mask, 3 l composite cylinder (empty)

Please contact us for configurations with charged cylinders and/or Ultra Elite full face masks.



BD mini

The compressed air breathing apparatus BD mini is used for brief explorations or inspection tours and can be carried on the back like a standard SCBA. With a coupling for compressed airline breathing apparatus (available as accessory), the BD mini can be connected to a stationary air source. This permits the operator to remain at the worksite for longer durations.

EN 137

D4075713	BD mini
10050853	3 l/300 bar composite cylinder, with airflow restrictor (charged)
10058821	3 l/300 bar composite cylinder, with airflow restrictor (empty)
D5103969	2 l/300 bar composite cylinder (charged)
D5103974	2 l/300 bar composite cylinder (empty)
D5103964	2 l/300 bar steel cylinder (charged)
D5103984	2 l/300 bar steel cylinder (empty)



PremAire Escape

PremAire Escape is a positive pressure short duration compressed air emergency escape breathing device that provides the users with respiratory protection while they escape from toxic atmospheres. The components of the fast to don and easy to use respirator withstand the highest levels of potential industrial gas leaks and harsh chemical environments. PremAire Escape enables the wearer to escape without difficulty from a potentially hazardous environment. It offers a duration of 10-15 minutes for safe escape.

The standard PremAire Escape is equipped with a 3S full face mask. For potential leaks of high concentration industrial gas, like deadly H₂S, the device is available with the PremAire Mask-Hood.

EN 402

10152573	PremAire Escape, with 3S full face mask, 2 l steel cylinder (empty)
10152574	PremAire Escape, with 3S full face mask, 2 l composite cylinder (empty)
10152752	PremAire Escape, with 3S full face mask, 2 l composite cylinder (charged)
10151746	PremAire Escape, with PremAire Mask-Hood, 2 l composite cylinder (empty)

Please contact us for other configurations.



S-Cap-Air

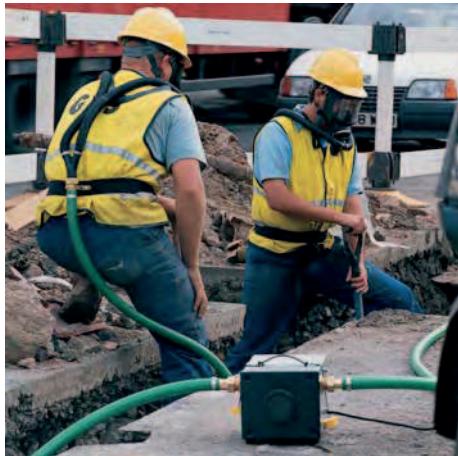
The S-Cap-Air is a compressed air, constant flow, escape breathing apparatus designed to aid escape from hazardous areas in which toxic substances or oxygen deficiency may occur. It is very easy to operate – simply open the unit, put on the hood and make your escape.

The 3 litre, 200 bar compressed air cylinder is available in two versions: steel and composite (S-Cap-Air light).

EN 1146

10017668	S-Cap-Air with empty cylinder
10032181	S-Cap-Air with charged cylinder
10033919	S-Cap-Air light with empty cylinder
10034561	S-Cap-Air light with charged cylinder

Fresh Air Hose Devices



Turbo-Flo

The Turbo-Flo fresh air breathing apparatus supplies the wearer with fresh air from outside the hazardous environment with or without assistance from an electric blower. Without blower the user can have up to 18 m of hose and up to 54 m with blower assistance. Blowers are available for all applications in 12 V, 110 V or 240 V versions.



EN 138

B1260006	Turbo-Flo, complete unit (3S mask, breathing tube, belt with connector, 9 m hose, without blower)
B1260007	Turbo-Flo, complete unit (breathing tube, belt with connector, 9 m hose, without mask and blower)
D3029900	Turbo-Flo blower, 240 V AC with plug
B1260009	Turbo-Flo blower, 240 V AC without plug
B1260011	Turbo-Flo blower, 110 V AC



Turbo-Flo Accessories

The following accessories are available for the Turbo-Flo.

D2055000	3S
10027724	Advantage 3111, small
10027723	Advantage 3121, medium
10027725	Advantage 3131, large
B1260021	Carrying case
B1260012	Twin breathing tube
B1260013	Connector with waistbelt
B1260014	Air supply hose, 9 m
B1260018	Air supply hose, 18 m
B1266000	Hose connector
B1260015	Spike & Clip
B1260016	End filter