

Because every life has a purpose...



AirXpress 2 Fire

Simplistic, Reliable & Economical SCBA

Agenda

- AirXpress 2 Fire Overview
- Applications
- Core Components
- Intellectual Property
- Product Launch Materials
- Ordering Information
- Summary

- AirXpress 2 Fire
 - Fire Service segment
 - EN 137, Type II (incl. flame engulfment test)



- Firefighting
- Rescue Operations
- Escape Scenarios
- Confined Space Entry
- Search & Rescue
- IDLH Scenarios

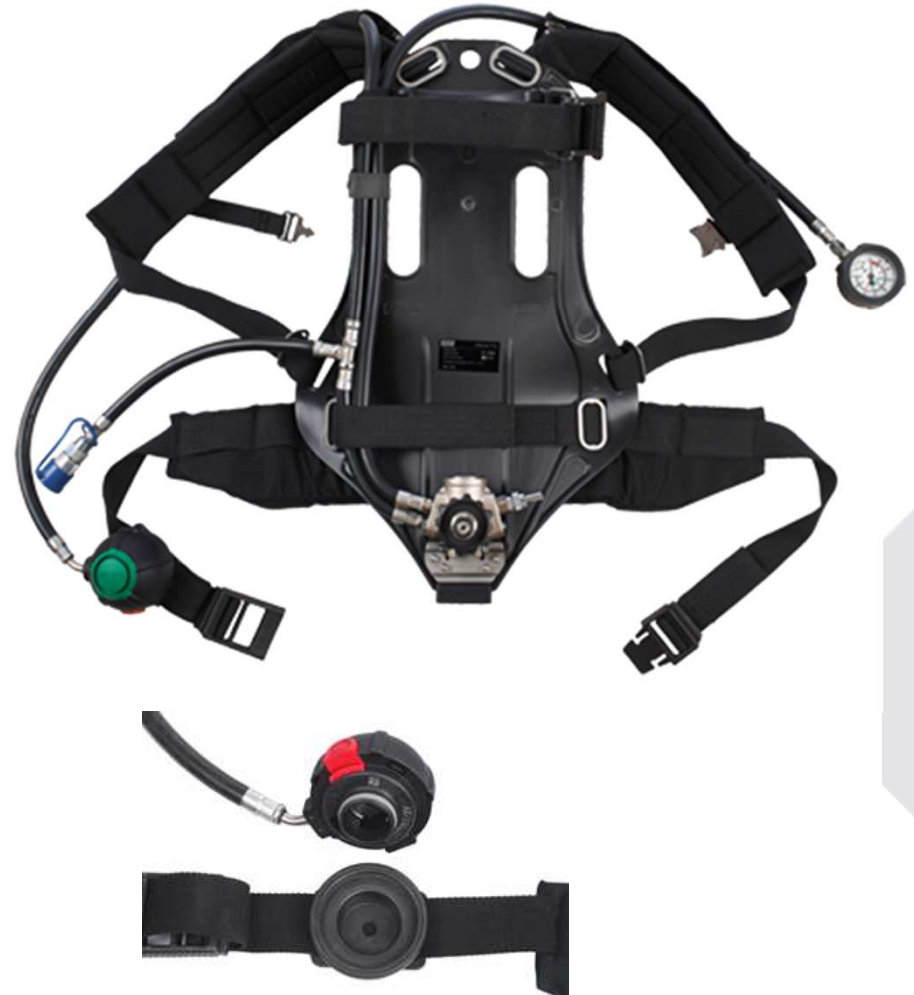
SCBA Core Components

- Backplate and Harness
- Pressure Reducer
- Demand Valve
- Cylinder
- Mask



Backplate & Harness

- Designed with comfortable harness
- Padded shoulder straps and waist belt for improved comfort
- Chest strap prevents slipping of shoulder harness
- Demand valve holder for secure attachment in stand-by



Backplate & Harness

- Ergonomic backplate design
- Made of polyamide reinforced with fiberglass to withstand high heat and flames
- Easy cleaning = easy maintenance
- Provides insulation against the cylinder
- Retrofittable RFID transponder for inventory management
- Shoulder strap with zipper easy to dismantle and clean
- Harness zippers for easy switching of pressure gauge and demand valve (no leak test required once the hoses are switched)

Pneumatic System

- 500C pressure reducer with efficient high performance and minimal maintenance
- Provides enough air for second person
- Warning whistle provides higher level of safety (high pressure activated; medium pressure working; steady tone)
- 3 kinds of pneumatic system:



1. Without second connector



2. With second connector



3. With second connector and 2 couplings



Pressure Gauge

- Swivels for easy reading in every position
- Luminescent scale
- Rubber cap for increased protection against shock and impact
- Double scale: bar & Mpa



Demand Valve – AX

- Plug & Breathe connection for automatic activation at first breath and automatic switch-off at disconnect
- Comfortable, fast and safe
- Increased and adjustable flow rate, based on user's demand
- 20% lighter
- Invention patent filed in China, PCT application to start mid-2016
- Optional bypass function provides increased airflow in extreme environments and requires no tools for installation



Cylinders

- Vol: 6.8 l, 9.0 l
- EN 144 certificate
- Cylinder suppliers: Luxfer / BTIC
- 3 P/N of steel cylinders and 14 P/N of composite cylinders available



Full Face Mask

- 9 P/N of full face masks are available for sales
- EN 136 class 3
- Ultra Elite full face mask
 - Wide field of vision
 - Special air flow prevents lens fogging
 - Mechanical speaking diaphragm for clear communication
 - Quick connection between demand valve & mask
- Optional 3S full face mask



New Invention (MSA patent pending)

AX Demand Valve

■ Regulator Without Valve Adjustment

- Easy to assemble during manufacturing & maintenance. The after sale just needs to replace the failure parts, no adjustment is required.

■ Installation of Bypass Feature Without Change to Main Valve

- Mounting and dismounting bypass without any tool, which is very user friendly.
- Low upgrade cost: To upgrade AX demand valve with bypass function, no extra modification or cost on the AX demand valve itself is required.

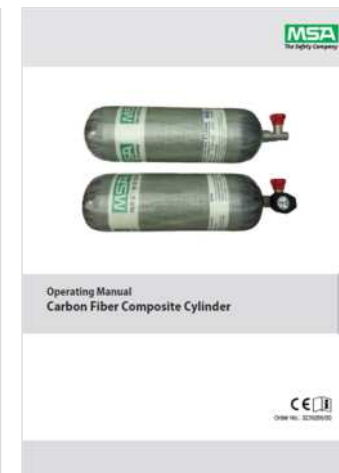
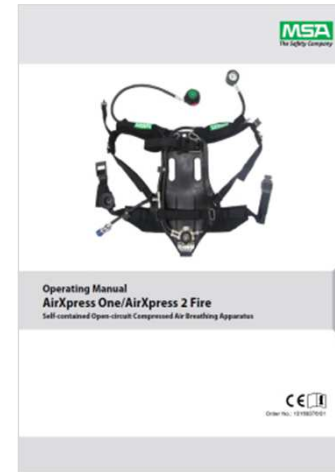
■ Elimination of Demand Valve Diaphragm Chatter

- Most of the existing product like AutoMaXX / LA96 have snoring when they are breathing. By optimizing the structure and the flow channel design, the AX demand valve have no such an unpleasant sound when breathing.



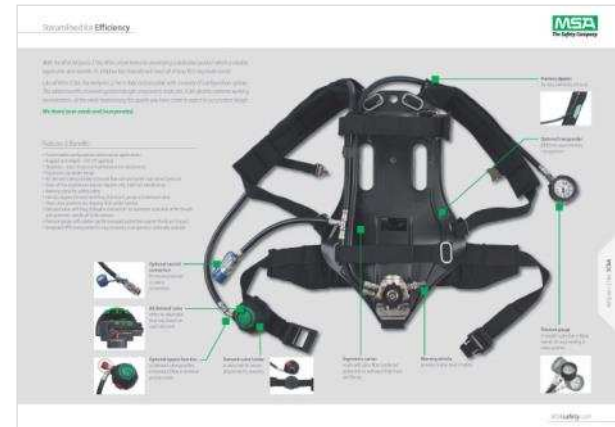
Launch Material Manuals

- Operating Manual
 - CD-ROM for user manual
 - Printed Quick Start Guide
- Service Manual
 - Basic Unit & Full Face Mask: BG, CZ, DE, ES, FR, GB, GR, HU, IT, NL, PL, PT, RO, RU, SK, TH, CN
 - Cylinder: GB, ES, PT, CN
 - Service manual: GB



Launch Material Marketing Collateral

- Product Leaflet
- [Product Explorer](#)
- Ordering Info
- Advert
- Press Release
- Web Banner



Work in progress:

- Videos (promotion & maintenance) & Posters (donning)
- Translation of Marketing Collaterals

Ordering Information

Part No.	Description
Basic Unit	
10167124	AirXpress 2 Fire, Basic unit, BD backplate, with second connector
10166588	AirXpress 2 Fire, Basic unit, BD backplate, with second connector, 2 couplings
10170341	AirXpress 2 Fire, Basic unit, BD backplate, without second connector
Full Face Masks	
3490006	UE PS-MaXX full face mask, rubber head harness, Asian
10149883	UE PS-MaXX full face mask, net head harness, Asian
10170773	UE PS-MaXX full face mask, net head harness, European inner mask
10031422	3S PS-MaXX full face mask
10031385	Ultra Elite PS-MaXX full face mask
10031383	Ultra Elite PS-MaXX full face mask, small
10031382	Ultra Elite PS-MaXX-EZ full face mask
10031381	Ultra Elite PS-MaXX-EZ full face mask, small

Ordering Information

Part No.	Description
Cylinders	
D5103986	Steel cylinder, 6 l/300 bar, empty
10084896	Steel cylinder, 6 l/300bar, air restrictor, empty
10010967	Steel cylinder, 6 l/300 bar, valve/gauge, empty
D5103979	Composite cylinder, 6.8 l/300 bar, empty
D5103980	Composite cylinder, 6.8 l/300 bar, empty
10059153	Composite cylinder, 6.8 l/300bar, air restrictor, empty
10113769	Composite cylinder, 6.8 l/300 bar, 30 years, empty
10118597	Composite cylinder, 6.8 l/300 bar, 30 years, air restrictor, empty
10118595	Composite cylinder, 6.8/300, 30 years, ratchet, empty
10118598	Composite cylinder, 6.8/300, 30 years, air restrictor, gauge, empty
10055168	Composite cylinder, 6.9 l/300 bar, AZ, empty
10055170	Composite cylinder, 6.9 l/300 bar, AZA, empty
10072888	Composite cylinder, 6.9 l/300 bar AZ, air restrictor empty
10118149	Composite cylinder, 9 l/300 bar, 30 years, yellow, empty
10127723	Composite cylinder, 9 l/300 bar, 15 years, empty
10168087	Composite cylinder, 6.8 l, EN, BTIC, w gauge
10162332	Composite cylinder, 6.8 l, EN, BTIC, w/o gauge

- The AirXpress 2 Fire is a simplistic, reliable and economical SCBA meeting the high-level EN 137, type 2 approval for the fire market plus a variety of related applications.
- Rugged and reliable SCBA with completely customizable configurations depending on the user's needs.
- New and modern design, while offered at a competitive cost.
- The easy-to-maintain construction provides low cost of ownership.

Summary

Differentiators

1. Optional bypass knob on demand valve – no tools required for installation
2. Zippers on shoulder harnesses allow for switching of pressure gauge & demand valve from one side to another – no leak test required once the hoses are switched
3. New AX demand valve offers an adjustable flow rate feature which functions based on the user's demand



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Thank You! Any Questions?