

PRODUCT SPECIFICATION

SAFETYWARE SCBA with 6.8L composite cylinder (comes with Orange case)

- Open circuit, self-contained, compressed air breathing apparatus.
- Specifically designed as a professional fire fighting SCBA but is also suitable for providing respiratory protection in an immediately dangerous to life or health atmosphere.
- Consists of a full-face mask, back plate, carrying harness and a 6.8L 300 Bar carbon composite cylinder.
- Also comes with a cylinder connector, pressure reducer, pressure gauge, warning whistle and lung demand valve.
- Full face mask:
 - Made of silicone, which provides comfortability to wearer and will not cause skin allergies.
 - The face window of the mask is molded using impact-resistant high-strength polycarbonate material and coated with a wear-resistant layer on the surface.
 - Provides high light transmittance and no distortion, providing clear visibility for wearer.
- Carrying harness:
 - Humanized design - Compact, lightweight, and ergonomically designed for comfort.
 - Flame retardant & freeze-resistant materials and corrosion-resistant construction ensure reliability in various conditions and enhance durability.
 - Shoulder strap features flame-retardant, non-slip fabric and adjustable design.
 - Includes reflective material to enhance visibility in low-light conditions.
- Lung demand valve:
 - Decompresses medium-pressure gas to breathable levels based on the wearer's inhalation.
 - Enables continuous breathing for the user.
 - Small and lightweight design for enhanced portability.
 - Fireproof and impact-resistant materials ensure safety.
 - 360° rotation with the mask, forming an automatic positive pressure mechanism.
 - Quick and easy installation directly onto the mask.
- Warning whistle:
 - Chest-mounted alarm with a 360° rotatable design for convenience.
 - Sound alarm activates at (5.5±0.5)MPa to indicate high pressure.
 - Loud alarm sound exceeding 90dB(A) for clear alerts.
 - Pressure gauge features luminous display for reading in low-light conditions.

Item Code: SCBA-SD68



INSTRUCTIONS FOR USE

Donning:

1. Slide arms through the shoulder straps.
2. Stand up straight; Pull down on the shoulder strap to tighten for a snug fit.
3. Fasten the waist buckle and pull forward on the waist strap to tighten for a snug fit.
4. Grab the lung demand valve and push the side buttons to insert the valve into the mask.
5. Connect the hose from the valve to the intermediate pressure hose coupling.
6. Place the strap over your neck.
7. Open the cylinder valve and check the pressure gauge, make sure the pressure is over 270 bar.
8. Put on the mask; Pull the head straps for a secure fit.

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It is the product users' responsibility to conduct all the appropriate evaluations & testing to determine the suitability of SAFETYWARE products for use in a particular environment or purpose. SAFETYWARE disclaims all warranties other than as expressly provided.

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PRODUCT SPECIFICATION

APPLICATIONS

- Marine
- Chemical
- Oil/ gas
- General industries

TECHNICAL DATA

MATERIAL	Face mask: Silicone and polycarbonate Harness: Fire retardant material Cylinder: Composite Cylinder valve: Nickel plated brass Demand valve hose fitting: Stainless steel Hose and O-ring: EPDM
AIR CYLINDER	6.8 L
WORKING DURATION	50 minutes
CYLINDER PRESSURE	30 MPa
WEIGHT	14 kg (empty composite cylinder)
WORKING TEMPERATURE	-30 °C to 60 °C
STANDARD	EN 137:2006 & EN 136:1998+AC:2003
DIMENSION	750 mm x 500 mm x 300 mm

Doffing:

1. Take off the face mask.
2. Press the red button of the lung demand valve.
3. Unfasten the waist buckle.
4. Lay the cylinder horizontally on a flat surface (ie. Table, carrying case, ground). Close the valve of the cylinder at clockwise direction.
5. Press the 'on' button of the lung demand valve to let air out from the hose. Check the pressure gauge, the pressure will drop to 0.
6. Clean the breathing apparatus with a damp cloth and store it in its carrying case.

MAINTENANCE

Maintenance and servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual. The cylinder must be hydraulically tested every five years.