




**JLD**


CABA 9000

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# COMPRESSED AIR BREATHING APPARATUS

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The CABA 9000 is ideal for use when working in environments where fire and smoke, toxic gases or a lack of oxygen are present. It provides high level of performance, highly capable, yet reasonably priced with  marked to IS 10245(II).

The CABA 9000 can be used with  marked Protect 2000 fullface mask.

## Main components:

- Protect 2000 Plug-in type full face mask conforming to IS 14166
- Lung Demand Valve
- Pressure Reducer
- High pressure Gauge with Warning Whistle Unit
- Back plate
- Harness Assembly
- Valved Cylinder

## Full Face Mask

Protect 2000 series Full face mask is of superior quality EPDM with sealing flaps, five point harness, wide view replaceable visor, speech diaphragm, self-demisting facility, inhalation and exhalation valves, Special easy-to-click Plug-in connector compatible with Lung Demand valve.



CABA 9000 - Back plate with pneumatics



Protect 2000 Full Face Mask



Tilt Valve Type

Balance Piston Type  
(optional)

## Carrying System

The carrying system is ergonomically designed to follow the contours of the back, ensuring equal weight distribution of the apparatus on the hips, therefore reducing the risk of back strain & fatigue. The back plate is constructed of a tough fire resistant, antistatic, chemical/impact resistant thermoplastic. The harness consists of flame retardant webbing, with adjustable shoulder straps and waist belt. Moulded handles on the backplate provide greater manageability when transporting the set.

## Lung Demand Valves

First-breath-activated positive pressure Lung Demand Valves are of a Tilt valve mechanism or balanced piston design (optional).

This provides a stable air supply with low breathing resistance which is extremely silent. The cover provides added impact protection and is easy to service, clean and disinfect.

Both Lung Demand Valves feature a centrally positioned, easily-to-locate, positive pressure 'switch off' push button.

## Compatibility

The carrying system incorporates an adjustable cylinder strap, which accommodate cylinders of all sizes from 4.7 to 13.6 litres capacity. The cylinder strap can also accommodate a twin pack cylinder arrangement as an option. No special tools or procedures required for adjustment, due to the secure, proven cam-lock mechanism.

## Pneumatic Design

The high performance balanced first stage reducer can be used with 200 or 300 bar cylinders and provides excellent flow characteristics using a small, lightweight reducer body. It incorporates a unique, safety pressure relief valve that permits easy connection of accessories.

## Warning Whistle and Pressure Gauge

The CABA 9000 comes complete with medium pressure operated warning whistle, which provides a low pressure warning in excess of 90 dB and is consistent down to 10 bar. The whistle warning unit assembly is fully integrated into the Luminescent gauge / hose.

## Approvals

- IS 10245(part II):1994; ISI Mark license No.CM/L 7516070 for CABA 9000 complete
- DGMS Approved
- Approved by CQAFE and CQA (NS) for use in Indian Defence forces
- IS 14166:1994; ISI mark license no. CM/L no. 7880394 for "Protect 2000" full face mask
- Chief Controller Of Explosive (CCOE) approval for High pressure valve design and Cylinders

## Accessories

The CABA 9000 Plus can be used with ISI approved "Protect 2000" full facemask. The following range of accessories are available :



- Second LDV Connection / Female Decontamination Hose
- Twin Pack Kits
- LDV Retainer
- Nomex Cylinder Covers
- Storage Boxes (hand carrying/wall mounted type)
- Toolkit

## Ordering information

- Pneumatics with back plate and LDV
- Full Face Mask
- Cylinder

|   |  |                  |
|---|--|------------------|
| <p>CABA 9000 with LDV (Tilt Type), Full Face Mask &amp; Steel Cylinder (6 lit x 200 bar)</p>            | <p>Consist of Carrying plate with cam-lock straps, Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal) Pressure gauge indicates Cylinder Pressure Positive Pressure Lung Demand Valve (Tilt Type) Protect 2000 plug-in series Full Face Mask Compressed gas (single Steel cylinder 6L / 200 bar)</p>           | <p>D-9000</p>    |
| <p>CABA 9000 with LDV (Balanced Piston Type), Full Face Mask &amp; Steel Cylinder (6 lit x 200 bar)</p> | <p>Consist of Carrying plate with cam-lock straps Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal) Pressure gauge indicates Cylinder Pressure Positive Pressure Lung Demand Valve (Balanced Piston Type) Protect 2000 plug-in series Full Face Mask Compressed gas (single Steel cylinder 6L / 200 bar)</p> | <p>D-9000(B)</p> |
| <p>CABA 9000 with LDV (Tilt Type), Full Face Mask &amp; Steel Cylinder (6 lit x 300 bar)</p>            | <p>Consist of Carrying plate with cam-lock straps Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal) Pressure gauge indicates Cylinder Pressure Positive Pressure Lung Demand Valve (Tilt Type) Protect 2000 plug-in series Full Face Mask Compressed gas (single Steel cylinder 6L / 300 bar)</p>            | <p>D-9001</p>    |
| <p>CABA 9000 with LDV (Balanced Piston Type), Full Face Mask &amp; Steel Cylinder (6 lit x 300 bar)</p> | <p>Consist of Carrying plate with cam-lock straps Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal) Pressure gauge indicates Cylinder Pressure Positive Pressure Lung Demand Valve (Balanced Piston Type) Protect 2000 plug-in series Full Face Mask Compressed gas (single Steel cylinder 6L / 300 bar)</p> | <p>D-9001(B)</p> |
| <p>CABA 9000 Backplate with Pneumatics</p>  | <p>Consist of Backplate with carrying Harness, Cam- lock Cylinder straps Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal) Pressure Gauge and Warning Whistle Positive pressure Lung Demand Valve (Tilt Type)</p>  | <p>D-9002</p>    |

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|--|--|-----------|
| CABA 9000 Backplate with Pneumatics                  | Consist of Backplate with carrying Harness,<br>Cam - lock Cylinder straps<br>Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal)<br>Pressure Gauge and Warning Whistle<br>Positive pressure Lung Demand Valve (Balanced Piston Type)   | D-9002(B) |
| CABA 9000 Backplate with Pneumatics & Full Face Mask | Consist of Backplate with carrying Harness,<br>Cam - lock Cylinder straps<br>Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal)<br>Pressure Gauge and Warning Whistle<br>Positive pressure Lung Demand Valve (Tilt Type)<br>Protect 2000 plug-in series Full Face Mask            | D-9005    |
| CABA 9000 Backplate with Pneumatics & Full Face Mask | Consist of Backplate with carrying Harness,<br>Cam - lock Cylinder straps<br>Pressure Reducer (Pressure Compensated with audio alarm - Reserve air Signal)<br>Pressure Gauge and Warning Whistle<br>Positive pressure Lung Demand Valve (Balanced Piston Type)<br>Protect 2000 plug-in series Full Face Mask | D-9005(B) |

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|----------------|--|----------|
| Protect 2000   | Plug - in type, EPDM body, PC visor                        | D-2000 P |
| Full face Mask | Plug - in type, Silicone body, PC visor                    | D-2005   |
|                | Plug - in type, Natural / Neoprene body, PC visor          | D-2007   |
| Cylinder       | Steel Cylinder 6lit x 200 bar                              | D-9030   |
|                | Steel Cylinder 6lit x 300 bar (indian)                     | D-9031   |
|                | Carbon Fibre Composite (CFK) Cylinder 4.7 lit x 300 bar    | D-9032   |
|                | Carbon Fibre Composite (CFK) Cylinder 6.8 lit x 300 bar    | D-9033   |
|                | Carbon Fibre Composite (CFK) Cylinder 9 lit x 300 bar      | D-9034   |
|                | Steel Cylinder 6lit x 300 bar (Imported with Indian Valve) | D-09502  |



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formerly known as Joseph Leslie Draeger

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