Ideal for use by professional fire fighters as well as in industrial and marine applications. Wherever a reliable source of breathing air is required, this lightweight 8L, 300 bar carbon composite cylinder provides approximately half an hour of operational air at an increased breathing rate of 50 liters per minute. Meeting operational breathing duration requirements and developed by Dräger to combine reliability and quality performance with a 30-year design life*, the first in Dräger’s portfolio, it also offers a reduced cost of ownership.

ADVANCED PROTECTION
Approved for use with the complete Dräger range of self-contained breathing apparatus (SCBA) and valve combinations, this 8L cylinder features the same leading technology and advanced materials as other cylinders in the extensive Dräger range. Built to the most technologically advanced standards, Dräger cylinders ensure a high level of protection against impact and abrasion in service, as well as water corrosion and heat damage.

BUILT TO LAST
Incorporating an anti-corrosion lining, Dräger carbon composite cylinders are manufactured using seamless aluminium liners wrapped with carbon fibre in an epoxy matrix using a computer controlled 4-axis wrapping machine. For maximum resilience and protection, each cylinder is finished with a glass fibre overlap as well as an external coating of resin to ensure a smooth, easily cleaned surface.

PERFORMANCE TESTED
Designed and manufactured by Dräger and CE marked in accordance with the requirements of the Pressure Equipment Directive 97/23/EC and EN 12245, every batch of cylinders undergoes exhaustive computer controlled tests. Automatic data collection ensures full traceability of materials and all relevant production information is held electronically for the full working life of the cylinder.

FEATURES
- First Dräger cylinder with 30-year design life
- Unique 8 liter size – first in the market
- Low cost of ownership
- 30 Minutes of operational air at 50 litres/minute
- Approved for use with all Dräger SCBA and valve combinations
- Meets the requirements of EN 12245 and 97/23/EC

* Cylinders must be hydrostatically tested every 5 years (or in line with National Regulations in the country of use) during the service life of the cylinder to ensure its continued safe use, up to the maximum allowable design life.
TECHNICAL DATA

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Capacity (litres)</td>
<td>8.0</td>
</tr>
<tr>
<td>Free Air Capacity (litres)</td>
<td>2181</td>
</tr>
<tr>
<td>Working Duration (mins) at 40 litres per minute</td>
<td>54</td>
</tr>
<tr>
<td>Nominal Duration (mins) at 40 litres per minute</td>
<td>44 (10 mins reserve air)</td>
</tr>
<tr>
<td>Working Duration (mins) at 50 litres per minute</td>
<td>43</td>
</tr>
<tr>
<td>Nominal Duration (mins) at 50 litres per minute</td>
<td>31 (12 mins reserve air)</td>
</tr>
<tr>
<td>Service Pressure (bar)</td>
<td>300</td>
</tr>
<tr>
<td>Weight (Kg)</td>
<td>5.55</td>
</tr>
<tr>
<td>Diameter (mm)</td>
<td>172 mm (max)</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>558 (max)</td>
</tr>
<tr>
<td>Design Life (years)</td>
<td>30</td>
</tr>
<tr>
<td>Thread</td>
<td>M18 x 1.5</td>
</tr>
<tr>
<td>Certification</td>
<td>EN 12245:2002</td>
</tr>
</tbody>
</table>

ORDER INFORMATION

Cylinder
8.0 L / 300 bar Composite In Line ratchet
8.0 L / 300 bar Composite Right Angle ratchet

Accessories

Cylinder Covers
Cylinder Cover 8.0 L / 300 bar PVC zipped
Cylinder Cover 8.0 L / 300 bar Nomex

Connecting Piece
Connection Piece, 300 bar

Charging Connector
Direct Charging Connector, 300 bar

Charging Hoses
Direct Charging Hose, 1.5 m (with gauge)
Direct Charging Hose, 3 m (with gauge)

Upgrade Kits
Excess Flow Valve (EFV) Upgrade Kit (1 x grey handwheel, 1 x nut, 1 x EFV)
Excess Flow Valve (EFV)

HEADQUARTERS
Dräger Safety AG & Co. KGaA
Revalstrasse 1
23560 Lübeck, Germany
www.draeger.com

SUBSIDIARIES

AUSTRALIA
Dräger Safety Pacific Pty. Ltd.
Axess Corporate Park
Unit 99, 45 Gilby Road
Mt. Waverley, Vic 3149
Tel +61 3 92 65 50 00
Fax +61 3 92 65 50 95

CANADA
Dräger Canada Ltd.
7555 Danbro Crescent
Mississauga, Ontario L5N 6P9
Tel +1 905 821 89 88
Fax +1 905 821 25 65

P. R. CHINA
Beijing Fortune Dräger Safety Equipment Co., Ltd.
A22 Yu An Rd, B Area,
Tianhu Airport Industrial Zone
Shunyi District,
Beijing 101300
Tel +86 10 80 49 80 00
Fax +86 10 80 49 80 05

FRANCE
Dräger Safety France SAS
3c route de la Fédération
BP 80141
67025 Strasbourg Cedex 1
Tel +33 3 88 40 59 29
Fax +33 3 88 40 76 67

NETHERLANDS
Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344 46 66
Fax +31 79 344 47 90

MEXICO
Dräger Safety S.A. de C.V.
Av. Puebla No. 5
Bodega No. 37
Fraccionamiento Industrial
San Pedro, Querétaro
Oro México
Tel +52 442 246-1113
Fax +52 442 246-1114

SINGAPORE
Dräger Safety Asia Pte Ltd
67 Ayer Rajah Crescent #06-03
Singapore 139950
Tel +65 68 72 92 88
Fax +65 65 12 19 08

SPAIN
Dräger Safety España S.A.
Calle Xaudaro 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM
Dräger Safety UK Ltd.
Blyth Riverside Business Park
Blyth, Northumberland NE24 4RQ
Tel +44 1670 352 891
Fax +44 1670 356 266

USA
Dräger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787 83 83
Fax +1 412 787 22 07