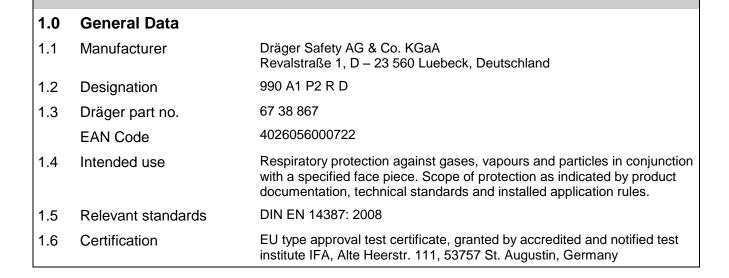
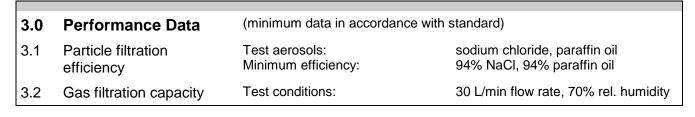
Technical Data Sheet Dräger X-plore[®] Rd90 Respiratory Filter 990 A1 P2 R D



2.0	Design & Construction			
2.1	Connection to facepiece	Round thread connection Rd90 (Rd 91 mm x 1/7"), Dräger specific		
2.2	Materials	Filter housing: Sorbents: Particle filter: Label and seals:	aluminium, coa activated carbo micro-glass fibr paper	
2.3	Design	The filter housing has a round shape and consists of the filter pot with the Rd90 thread outside. At the inhalation side the filter housing has integrated wholes. The filter includes one filter bed with activated carbon. It is fixed by the housing and internal sieves. The particle filter is positioned in front of the gas filtration parts. It is made of one part and has round folds. A leaktight connection between the particle filter and the housing is performed by butyl glue.		
2.4	Working principle	Gases and vapours are removed from the ambient air by adsorption onto the sorbent (carbon), particles are filtered by the fibre filter.		
2.5	Shelf life	Max. 6 years (4+2)		
2.6	Dimensions	Outer diameter: Height (incl. thread Volume activated c		96.5 mm 34 mm 110 ml
2.7	Weight	Excl. package:		approx. 105 g

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Туре	Test gas	Class	Concentration	Breakthrough	Min. duration
А	Cyclohexane (C ₆ H ₁₂)	1	1,000 ppm	10 ppm	70 min

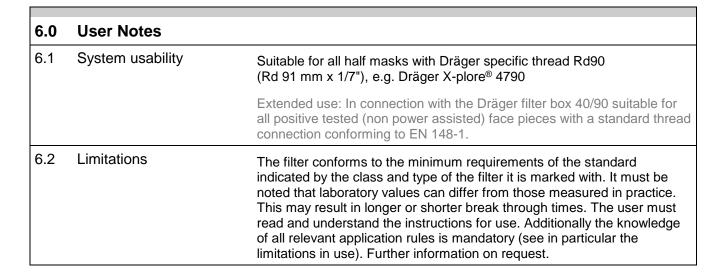
3.3	Breathing resistance	at 30 litres/min, constant flow at 95 litres/min, constant flow	1.7 mbar 6.4 mbar
3.4	Mechanical resistance	Resistant to shock and vibration as required by EN 14387	
3.5	Chemical resistance	For normal use conditions the filter is resistant against temperature, humidity and corrosives. The filter is internally resistant against the filtering agents (sorbents). Ingress of water or other liquids must be avoided.	

4.0	Documentation	
4.1	Markings	Label: marking includes colour coding in accordance with EN 14387, batch number, expire date, approval number and indication on the instruction for use (sand clock symbol). Approval marking: CE 0158
4.2	Instructions for use	<u>Standard IFU with main languages:</u> English, French, German, Spanish, Portuguese, Italian, Norwegian, Swedish, Danish, Dutch, Greece, Turkish
		Additional IFU South-East Europe: Bulgarian, Rumanian, Slovenian, Slovenian, Slovak, Czech, Hungarian
		Additional IFU North-East Europe: Finnish, Estonian, Lithuanian, Latvian, Polish, Russian
		Additional IFU Asia: Chinese

5.0	Packing & Packaging	
5.1	Package	Each filter is packed in an aluminium foil bag; the box is robust for normal transportation and storage, closed with factory label indicating designation, type of filter, batch number, expire date
5.2	Packaging unit	5 filters per carton, incl. 1 standard IFU (additional IFU if required)

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