

UKCA Type Examination Certificate

This is to certify that:

Avon Protection Systems
Hampton Park West
Semington Road
Melksham
SN12 6NB
United Kingdom

Holds Certificate Number:

UKCA 746082

In respect of:

**Model ST53 Positive Pressure Breathing Apparatus
To Technical Specification to Satisfy Annex II of Regulation (EU) 2016/425**

On the basis that BSI carried out the relevant Type Examination procedures under the requirements of The Product Safety and Metrology etc (Amendment etc)(EU Exit) Regulations 2020 (SI 2020/676) relating to Personal Protective Equipment Regulation (PPE) 2016/425 Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2021-11-25

Latest Issue: 2021-11-25

Effective Date: 2021-11-25

Expiry Date: 2026-11-25

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Product Specification

Range: Combination Respiratory Protection System

Models in Range: Model ST53

Product Description: The ST53 combination respiratory protection system is used in conjunction with the FM53 full face mask by specialist users where there is a potential to encounter unknown or oxygen deficient atmospheres. The device can provide the end user with up to one hour's breathable air. The device comes in 2 variants: the ST53 or the ST53/CSPAPR. The ST53/CSPAPR has a 3 position lockable switch provided which allows selection of APR, PAPR or SCBA modes

The CSPAPR powered air supply unit in filtering air mode supplies a minimum of 112 l/min for 4 hours using replaceable DL 123 batteries and 8 hours using a rechargeable Li-ion battery

The ST53/CSPAPR powered air supply unit can be used with filter models CBRNCF50e (EN 12942:1998+A2:2008 TM3 A1B2E1K1P NR SL) and CTCF50e (EN 12941:1998+A2:2008 TM3P NR SL). In this mode the overall device does not provide CBRN protection

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Product Specification (Continued)

Designation:	ST53 combination respiratory protection system	
	Description	Part Number
	ST53 300 Bar, CE System	360023
	CDV ASSY, DIN 40, FB, ST53	160120
	CDV ASSY, DIN 40, FB, LONG, ST53	160125
	Backframe Assy, ST53, CE	199055
	Whistle, Gauge & Hose Assy, Blk, CE	135037
	Cylinder, Carbon, 300 Bar 4.7 litre	124040
	Cylinder, Carbon, 300 Bar 6 litre	0060-300
	Cylinder, Carbon, 300 Bar 6.8 litre	124041
	Cylinder, Carbon, 300 Bar 7.2 litre	0072-300
	Cylinder, Carbon, 300 Bar 9 litre	124042
	Chest Strap Assy	138200
	Waistbelt Extension, Kevlar, ST53, CE	138201
	Reducer Assy, W/Ric, 300 Bar	161027
	Reducer Assy, Non-Ric, Universal Pressure	161028
	EAS-Xt, ST53: Emergency Air Supply – External Tether	139082
	Cyc Bag VK ST 60 Min Carbon	138082
	Cyc Bag VK ST 30 Min HP Carbon	138092
	Cyc Bag VK ST 45 Min Carbon	138093

Designation:	CSPAPR Assembly, CE	
	Description	Part Number
	EZAir+ Blower	600210
	Combination Hose Module	200201
	Combination Hose Cover	600172
	Flexible PAPR Module	200000
	PAPR SCBA Harness	600721
	Flow Meter	600271
	2800 Replaceable Battery (4 hrs)	600213
	5200 Li-ion Rechargeable Battery (8 hrs)	600214
	Battery Charger	600201
	CTCF50e Filter assembly (Single in foil)	600790
	CBRNCF50e Filter assembly (Single in tub)	600796

Technical Specification: Technical specification to satisfy Annex II of Regulation (EU) 2016/425
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Certificate Administration Details

Technical File Reference: 'ST 53 - 70501/287, Issue 4'

Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
November 2021	First issue	0086:21:3404880

Note: The Certificate holder is responsible for keeping the Approved Body advised of changes to any aspect of the overall process used in the manufacture of the product

Monitoring of manufactured PPE

The validity of the Certificate for the products is also dependent on the maintenance of the Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate UKCA 746087.

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