CYLINDERS

Standard and Fully Wrapped.

COMPRESSED AIR CYLINDERS

Avon Protection's offering of compressed air cylinders is created with safety and convenience in mind. Composed of a variety of materials, these cylinders are lightweight, compact and enable the user to adapt Avon Protection products to a variety of applications and durations. All cylinder valves have an ergonomically designed handwheel for easy opening and closing with gloved hands. All high pressure cylinders (except ST series) have red handwheels to identify high pressure cylinders.

OPTIONS

Avon Protection cylinders are currently available in 2216 psi and 4500 psi models for durations of 5 to 60 minutes. All cylinders are either approved by the United States and Canadian Departments of Transportation (D.O.T) or are CE approved.

The Deltair SCBA also offers an option of cylinder caps for added protection.

TYPE OF CYLINDER	BENEFIT OF CYLINDER	
ALUMINUM	• Lowest price • Durable construction • Longer test intervals	• Available in 30-minute duration • Indefinite cylinder life • 5-year hydro test interval
FULL WRAPPED CARBON	• Light weight • Durable construction • Low or high pressure	• Available in 5-, 30-, 45- or, 60-minute durations • 15 year life • 5-year hydro test interval
FULL WRAPPED CARBON LW (LIGHT WEIGHT)	• Lightest weight • Durable construction • High Pressure	• Available in 30-, 45- or, 60-minute durations • 15 year life • 5-year hydro test interval

www.avon-protection.com
t: 1 888 286 6440
e: customerservice@avon-protection.com

AVON PROTECTION

CYLINDERS

SUMMARY DATA SHEET

SCBA CYLINDER SPECIFICATIONS-CE OPTIONS

Description	Part Number with Valve	Part Number without Valve	Cu.Ft. /Litre	DOT Number	Weight (lbs.)	Estimated ship wt	Length (inches)	Diameter (inches)	Rated Duration (minutes)	Hydrostatic Test Intervals	Service Life	Applicable Products
4.7 L Carbon 300 bar	124040	024018	45	NA	7.7	14/16	18.4	5.44	30	5 years	15years	Atlantair ST53 CE
6.8L Carbon 300 bar	124041	024019	66	NA	9.7	11/18	18.96	6.26	45	5 years	15 years	Atlantair ST53 CE
9 L Carbon 300 bar	124042	024020	87	NA	12	14/20	21.7	6.97	60	5 years	15years	Atlantair ST53 CE
300 bar	NA	024034	1 litre	NA	1.8	4.0	11.62	3.36	5	5 years	15 years	ST53SD CE
300 bar	NA	024035	2 litre	NA	3.3	5.5	15.2	3.97	10	5 years	15years	ST53SD CE

SCBA CYLINDER SPECIFICATIONS-DEPARTMENT OF TRANPORTATION (D.O.T.) OPTIONS

Description	Part Number with Valve	Part Number without Valve	Cu.Ft. /Litre	DOT Number	Weight (lbs.)	Estimated ship wt	Length (inches)	Diameter (inches)	Rated Duration (minutes)	Hydrostatic Test Intervals	Service Life	Applicable Products
2216 psi Aluminum	NA (with valve)	024.127.00	8.0	3AL	3.81	N/A	9.9	4.38	5	5 years	Indefinite	ARAP-E 5 EEBA 5
3000 psi Aluminum	NA (with valve)	024.173.00	15.0	3AL	6.70	N/A	14.6	4.38	10	5 years	Indefinite	ARAP-E 10 EEBA 10
3000 psi Hoop-wrapped	NA (with valve)	024.174.00	24.0	E7235	6.38	N/A	14.1	5.35	15	3 years	15 years	ARAP-E 15
2216 psi Aluminum	024.037.00	024.036.00	45.0	3AL	17.6	20/23	21.1	6.75	30	5 years	Indefinite	Viking Magnum Vanguard Frontier
2216 psi Carbon	124001	024036	45.0	E10945	7.8	9/14	20.40	6.64	30	5 years	15 years	Deltair Viking Magnum Vanguard Frontier
4500 psi Carbon	124002	224008	45.0	E10945	7.7	14/16	18.4	5.44	30	5 years	15 years	Deltair Viking Magnum Vanguard Frontier Viking ST ST53
4500 psi Black Carbon	124028	024037	45.0	E10945	7.7	14/16	18.4	5.44	30	5 years	15 years	Viking ST ST53 (Special Order)
4500 psi Carbon	124003	224007	66.0	E10945	9.7	11/18	18.96	6.26	45	5 years	15 years	Deltair Viking Magnum Vanguard Frontier Viking ST ST53
4500 psi Black Carbon	124029	024038	66.0	E10945	9.7	11/18	18.96	6.26	45	5 years	15 years	Viking ST ST53 (Special Order)
4500 psi Carbon	124004	224008	87.0	E10945	12.0	14/20	21.7	6.97	60	5 years	15 years	Viking Magnum Vanguard Frontier Viking ST ST53
4500 psi Black Carbon	124030	024039	87.0	E10945	12.0	14/20	21.7	6.97	60	5 years	15 years	Viking ST ST53 (Special Order)
4500 psi	NA	024032	11 cu ft.	E10915	2.3	4.0	9.52	4.05	5	5 years	15 years	ST53SD
4500psi	NA	024033	17 cu ft.	E10915	3.3	5.5	11.7	4.57	10	5 years	15years	ST53SD
4500 Carbon LW psi	124056	024042	45	SP10915	6.6	9.6	18.10	5.44	30	5 years	15years	Deltair
4500 Carbon LW psi	124057	024043	66	SP10915	8.6	13.3	20	6.28	45	5 years	15years	Deltair
4500 Carbon LW psi	124058	024044	87	SP10915	10.8	16.3	21.31	6.9	60	5 years	15years	Deltair

Note:
Service life of cylinder is dependent on passing of hydrostatic testing.
Weights are based on empty cylinders.
Estimated ship weights are weights with shipping box, without/with air weights.
Black Carbon Cylinders used on the Viking ST model with all black components. All other data is as stated.

GR12687-01

www.avon-protection.com
t: 1 888 286 6440
e: customerservice@avon-protection.com