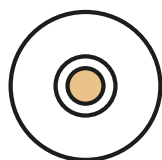


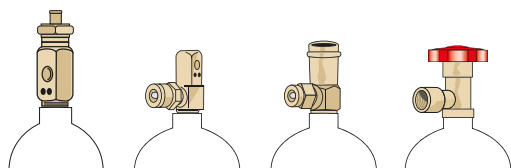
Medical Gas Cylinder Data Chart



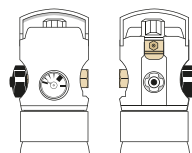
Oxygen



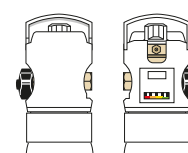
Cylinder colour



Standard valve



Integral valve

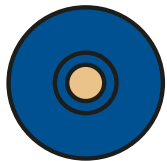


Digital valve

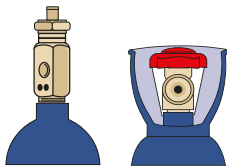
Oxygen

	ZA	AZ	CD	D	ZD	E	F	IQX	HX	ZX	G	J	W
Cylinder code	101-ZA	298121-AZ	101-CD	101-D	101-ZD	101-E	101-F	101-IQX	101-HX	101-ZX	101-G	101-J	101-W
Nominal content (litres)	300	170	460	340	605	680	1360	2000	2300	3040	3400	6800	10700
Nominal pressure (bar)	300	137	230	137	300	137	137	200	230	300	137	137	230
Nominal Outlet pressure (bar)	4	N/A	4	N/A	4	N/A	N/A	4	4	4	N/A	N/A	N/A
Valve type	Integral	Standard	Integral	Standard	Integral	Standard	Standard	Digital Integral	Integral	Integral	Standard	Standard	Standard
Valve outlet flow connection	6mm firtree	Pin-index ISO 407	6mm firtree	Pin-index ISO 407	6mm firtree	Pin-index ISO 407	5/8" BSP (F) BS 341 No. 3 Bullnose	6mm Firtree	6mm firtree	6mm firtree	5/8" BSP (F) BS 341 No. 3 Bullnose	Pin-index ISO 407	ISO 5145 No. 5 (M)
Valve outlet pressure connection	N/A	N/A	Oxygen Schrader (BS 5682)	N/A	Oxygen Schrader (BS 5682)	N/A	N/A	Oxygen Schrader (BS 5682)	Oxygen Schrader (BS 5682)	Oxygen Schrader (BS 5682)	N/A	Side spindle	N/A
Valve operation	Handwheel	Key	Handwheel	Key	Handwheel	Key	Key	Handwheel	Handwheel	Handwheel	Key	Key	Handwheel
Flow rate (litres/min)	0.1 – 15	N/A	Firtree: 1-15 Schrader: 40	N/A	Firtree: 1-15 Schrader: 40	N/A	N/A	Firtree: 0.5-15 Schrader: 40	Firtree: 1-15 Schrader: 40	Firtree: 1-15 Schrader: 40	N/A	N/A	N/A
Dimensions LxD (mm)	390 x 85	290 x 106	520 x 100	535 x 102	525 x 101	865 x 102	930 x 140	950 x 140	930 x 140	930 x 143	1320 x 178	1520 x 229	1540 x 230
Water capacity (litres)	1.0	1.2	2.0	2.3	2.0	4.7	9.4	10	10.0	10.0	23.6	47.2	46.6
Nominal full weight (kg)	1.6	2.5	3.5	3.9	4.1	6.5	17.0	18.0	19.0	14.0	39.0	78.0	85.0

Nitrous oxide



Cylinder colour

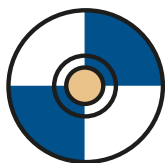


Standard valve

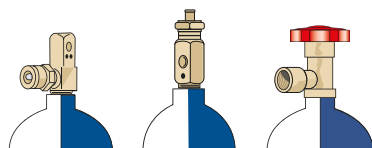
Nitrous oxide

	AZ	D	E	F	G	J
Cylinder code	298122-AZ	141-D	141-E	141-F	141-G	141-J
Nominal content (litres)	450	900	1800	3600	9000	18000
Nominal pressure (bar)	44	44	44	44	44	44
Valve outlet connection	Pin-index	Pin-index	Pin-index	11/16" x 20 TPI (M)	11/16" x 20 TPI (M)	11/16" x 20 TPI (M)
Valve outlet specification	ISO 407	ISO 407	ISO 407	BS 341 No.13	BS 341 No.13	BS 341 No.13
Valve operation	Key	Key	Key	Handwheel	Handwheel	Handwheel
Dimensions LxD (mm)	290 x 106	535 x 102	865 x 102	930 x 140	1320 x 178	1520 x 229
Water capacity (litres)	1.2	2.3	4.7	9.4	23.6	47.2
Nominal full weight (kg)	3.0	5.0	9.0	22.0	52.0	105.0

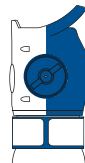
ENTONOX[®] (50% N₂O/50% O₂)



Cylinder colour



Standard valve

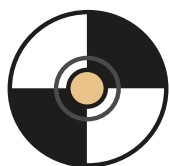


Integral valve

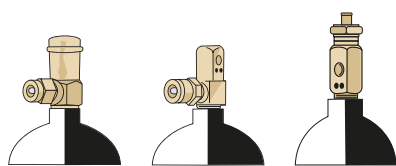
ENTONOX (50% N₂O/50% O₂)

	EA	D	ED	F	EX	G	EW
Cylinder code	211-EA	211-D	211-ED	211-F	211-EX	211-G	211-EW
Nominal content (litres)	350	500	700	2000	3500	5000	16275
Nominal pressure (bar)	217	137	217	137	217	137	217
Nominal outlet pressure (bar)	4	N/A	4	N/A	4	N/A	N/A
Valve type	Integral	Standard	Integral	Standard	Integral	Standard	Standard
Valve outlet connection	Entonox Schrader (BS 5682)	Pin-index ISO 407	Entonox Schrader (BS 5682)	Pin-index ISO 407 side spindle	Entonox Schrader (BS 5682)	Pin-index ISO 407	ISO 5145 No. 13 (M)
Valve operation	Handwheel	Key	Handwheel	Key	Handwheel	Key	Handwheel
Flow rate (litres/min)	40	N/A	40	N/A	40	N/A	N/A
Dimensions LxD (mm)	366 x 85	535 x 102	520 x 100	930 x 140	940 x 140	1320 x 178	1540 x 230
Water capacity (litres)	1.0	2.32	2.0	9.4	10.0	23.6	46.6
Nominal full weight (kg)	2.4	4.0	4.0	18.0	19.8	43.0	93.0

Air



Cylinder colour



Standard valve

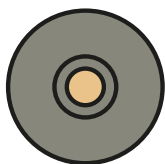


Integral valve

Air

	AZ	E	F	HX	G	J
Cylinder code	298123-AZ	191-E	191-F	191-HX	191-G	191-J
Nominal content (litres)	160	640	1280	2300	3200	6400
Nominal pressure (bar)	137	137	137	230	137	137
Valve outlet flow connection	Pin-index ISO 407	Pin-index ISO 407	5/8" BSP (F) BS 341 No.3 Bullnose	6mm firtree	5/8" BSP (F) BS 341 No.3 Bullnose	Pin-index ISO 407 Side spindle
Nominal outlet pressure (bar)	N/A	N/A	N/A	4	N/A	N/A
Valve type	Standard	Standard	Standard	Integral	Standard	Standard
Valve outlet pressure connection	N/A	N/A	N/A	Air Schrader (BS 5682)	N/A	N/A
Valve operation	Key	Key	Key	Handwheel	Key	Key
Dimensions LxD (mm)	290 x 106	865 x 102	930 x 140	930 x 140	1320 x 178	1520 x 229
Flow rate (litres/min)	N/A	N/A	N/A	Firetree: 1-15 Schrader: 40	N/A	N/A
Water capacity (litres)	1.2	4.7	9.4	10.0	23.6	47.2
Nominal full weight (kg)	2.5	6.5	17.0	19.0	39.0	78.0

Carbon dioxide



Cylinder colour

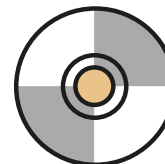


Standard valve

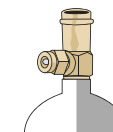
Carbon dioxide

	C	E	LF	VF
Cylinder code	201-C	201-E	201-LF	201-VF
Nominal content (litres)	450	1800	3600	3600
Nominal pressure (bar)	50	50	50	50
Valve outlet connection	Pin-index	Pin-index	0.86"x14 TPI (M)	0.86"x14 TPI (M)
Valve outlet specification	ISO 407	ISO 407	BS 341 No.8	BS 341 No.8
Valve operation	Key	Key	Handwheel	Handwheel
Dimensions LxD (mm)	430 x 89	865 x 102	930 x 140	930 x 140
Water capacity (litres)	1.2	4.7	9.4	9.4
Nominal full weight (kg)	3.0	8.5	22.0	22.0

Oxygen/carbon dioxide mixture (95% O₂/5% CO₂)



Cylinder colour

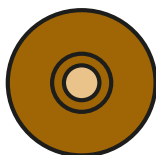


Standard valve

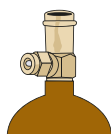
Oxygen/carbon dioxide mix (95% O₂/5% CO₂)

	F	G	J
Cylinder code	131-F	131-G	131-J
Nominal content (litres)	1360	3400	6800
Nominal pressure (bar)	137	137	137
Valve outlet connection	5/8" BSP (F)	5/8" BSP (F)	5/8" BSP (F)
Valve outlet specification	BS 341. No.3	BS 341. No.3	BS 341. No.3
Valve operation	Key	Key	Key
Dimensions LxD (mm)	930 x 140	1320 x 178	1520 x 229
Water capacity (litres)	9.4	23.6	47.2
Nominal full weight (kg)	17.0	39.0	78.0

Helium



Cylinder colour

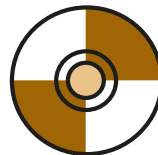


Standard valve

Helium

	F
Cylinder code	163-F
Nominal content (litres)	1200
Nominal pressure (bar)	137
Valve outlet connection	5/8" BSP (F)
Valve outlet specification	BS 341. No.3 Bullnose
Valve operation	Key
Dimensions LxD (mm)	930 x 140
Water capacity (litres)	9.4
Nominal full weight (kg)	17.0

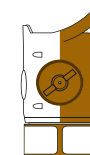
HELIOX[®] 21 (79% He/21% O₂)



Cylinder colour



Standard valve

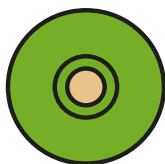


Integral valve

HELIOX 21 (79% He/21% O₂)

	HX	HL
Cylinder code	173-HX	173-HL
Nominal content (litres)	1780	8200
Nominal pressure (bar)	200	200
Nominal outlet pressure (bar)	4	N/A
Valve type	Integral	Standard
Valve outlet flow connection	6mm firtree	Side outlet
Valve outlet pressure connection	Heliox Schrader (BS 5682)	ISO 5145 No.26
Valve operation	Handwheel	Handwheel
Flow rate (litres/min)	Firtree: 1-15 /Schrader: 40	N/A
Dimensions LxD (mm)	940 x 140	1540 x 230
Water capacity (litres)	10.0	50.0
Nominal full weight (kg)	15.5	85.0

Lung function mixtures 1 ,3 and 4



Cylinder colour

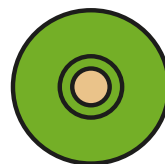


Standard valve

Lung function mixtures 1 ,3 and 4

	AV	AK
Cylinder code	AV - Various	AK - Various
Nominal content (litres)	1500	6000
Nominal pressure (bar)	150	150
Valve outlet connection	5/8" BSP (F LH) Side outlet	5/8" BSP (F LH) Side outlet
Valve outlet specification	BS 341 No.4 Bullnose	BS 341 No.4 Bullnose
Valve operation	Handwheel	Handwheel
Dimensions LxD (mm)	680 x 180	1540 x 230
Water capacity (litres)	10.0	40.0
Nominal full weight (kg)	18.0	59.0

Helium/oxygen/nitrogen mixture (9% He/35% O₂/56% N₂)



Cylinder colour

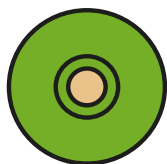


Standard valve

Helium/oxygen/nitrogen mixture (9% He/35% O₂/56% N₂)

	AV	L
Cylinder code	299035-AV-PC	299035-L-PC
Nominal content (litres)	1310	6580
Nominal pressure (bar)	137	137
Valve outlet connection	5/8" BSP (F) Side outlet	5/8" BSP (F) Side outlet
Valve outlet specification	BS 341 No.3 Bullnose	BS 341 No.3 Bullnose
Valve operation	Handwheel	Handwheel
Dimensions LxD (mm)	680 x 180	1540 x 230
Water capacity (litres)	10.0	50.0
Nominal full weight (kg)	18.0	81.0

Carbon dioxide/oxygen mixtures



Cylinder colour

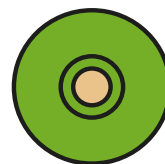


Standard valve

Carbon dioxide/oxygen mixtures, 5% CO₂/95% O₂, 10% CO₂/90% O₂, 20% CO₂/80% O₂

	AV	L
Cylinder code	AV - Various	L - Various
Nominal content (litres)	1460	7300
Nominal pressure (bar)	137	137
Valve outlet connection	5/8" BSP (F) Side outlet	5/8" BSP (F) Side outlet
Valve outlet specification	BS 341 No.3 Bullnose	BS 341 No.3 Bullnose
Valve operation	Handwheel	Handwheel
Dimensions LxD (mm)	680 x 180	1540 x 230
Water capacity (litres)	10.0	50.0
Nominal full weight (kg)	19.0	85.0

Carbon dioxide/air mixtures (5% CO₂/95% air)



Cylinder colour

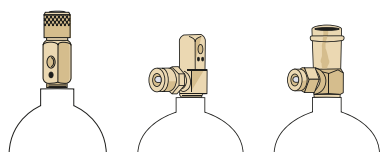


Standard valve

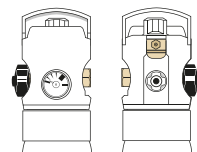
Carbon dioxide/air mixtures (5% CO₂/95% air)

	AV	L
Cylinder code	299034-AV-PC	299034-L-PC
Nominal content (litres)	1350	6750
Nominal pressure (bar)	137	137
Valve outlet connection	5/8" BSP (F) Side outlet	5/8" BSP (F) Side outlet
Valve outlet specification	BS 341 No.3 Bullnose	BS 341 No.3 Bullnose
Valve operation	Handwheel	Handwheel
Dimensions LxD (mm)	680 x 180	1540 x 230
Water capacity (litres)	10.0	50.0
Nominal full weight (kg)	18.0	82.0

Homecare domiciliary oxygen



Standard valve

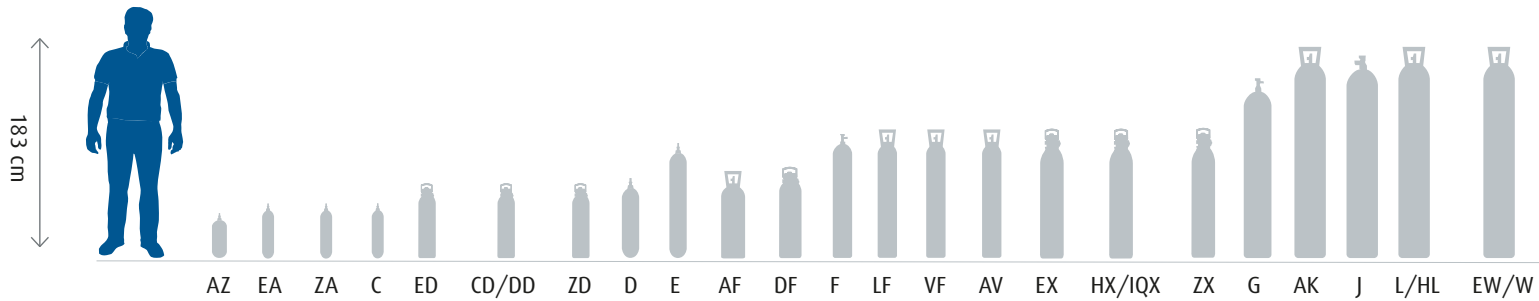


Integral valve

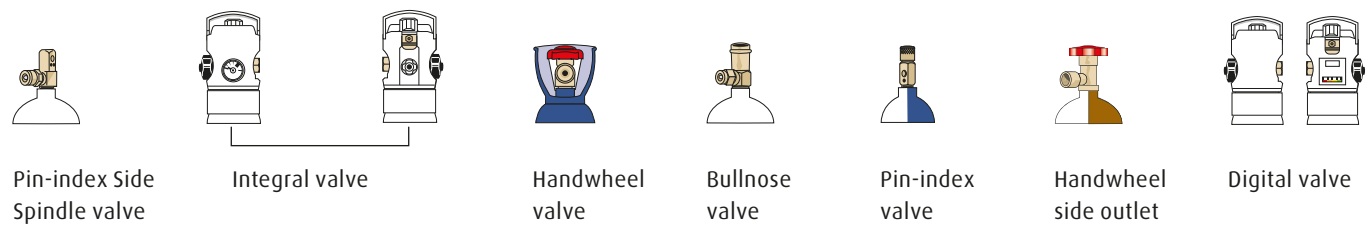
Homecare domiciliary oxygen

	DD	ZH	AF	DF
Cylinder code	109-DD	101-ZH	101-AF	101-DF
Nominal content (litres)	460	2400	1360	1360
Nominal pressure (bar)	230	300	137	137
Nominal Outlet pressure (bar)	4	4	N/A	4
Valve type	Integral	Integral	Standard	Integral
Valve outlet flow connection	6mm firtree	6mm firtree		6mm firtree
Valve outlet pressure connection	N/A	Oxygen Schrader (BS 5682)	5/8" BSP (F) BS 341 No. 3 Bullnose	Oxygen Schrader (BS 5682)
Valve operation	Handwheel	Handwheel	Key	Handwheel
Flow rate (litres/min)	2 - 4	Firtree: 1-15 Schrader: 40	N/A	2 - 4
Dimensions LxD (mm)	520 x 100	595 x 175	670 x 175	690 x 175
Water capacity (litres)	2.0	8.0	9.4	9.4
Nominal full weight (kg)	3.5	14.0	12.0	12.0

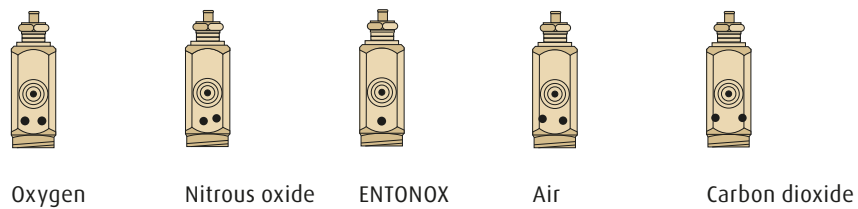
Cylinder types



Valve types



Pin index valves



Please note not all products are marketed in both UK and Republic of Ireland.

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