



IMPORTANT NOTE FROM CADDY STORAGE:

Measurements below do not include cylinder. Cylinders can measure 100mm to 250mm or more.

Check your cylinder size before choosing your gas bottle box.

NB: Container sizes may vary from state to state.

Nitrogen 4.0, 5.0 & 6.0

Product information

PACKAGING

Valves

The shut off valves are manufactured according to AS 2473. The cylinder valve has a bursting disc which will release if the contents of the cylinder/pack reach a pressure greater than:

Cylinders approximately: 28,000 kPa

Packs (30,000 kPa) approximately: 40,000 kPa

Single cylinders

Coregas cylinders are designed, built and tested according to Australian Standard: AS 2030 Part 1.

Packs

The 6 and 12 cylinder packs are manifolded together to allow simultaneous exhaustion of the contents through either of the two shut off valves provided.

Equipment

Only regulators, manifolds and ancillary equipment rated for the appropriate pressure and compatible with the relevant gas shall be connected to, or downstream from these cylinders/packs.

NB: Container sizes may vary from state to state.

All cylinders dimensions are approximate. Slight variations to the table below may occur due to manufacturing tolerances. Typical heights include the valve.



Specification	Nitrogen 4.0	Nitrogen 4.0	Nitrogen 4.0	Nitrogen 4.0	Nitrogen 4.0	Nitrogen 4.0
Size	D	E	G	G EHP	6 Pack	12 Pack
Contents (m3)	1.8	4.3	9.5	11.4	79	158
Cylinder Water Capacity (l)	9.5	23	50	50	300	600
Average Weight - full (kg)	15.99	38.29	70.49	73.94	607.92	1,250
Average Weight - empty (kg)	14.0	33.0	60.0	60	515.0	995
Pressure kPa @ 15° C	20,000	20,000	20,000	25,000	30,000	30,000
Outlet Connection	Type 50	Type 50	Type 50	Type 51	Type *50 & 51	Type *50 & 51
Dimensions (mm) Height	690	990	1560	1560	1985	1985
Dimensions (mm) Diam/Width	180	230	230	230	709 x 510	1020 x 800

Specification	Nitrogen 5.0	Nitrogen 5.0	Nitrogen 5.0	Nitrogen 5.0	Nitrogen 5.0	Nitrogen 5.0
Size	D	E	G	G EHP	6 Pack	12 Pack
Contents (m3)	1.7	4.3	9.5	11.3	80	161
Cylinder Water Capacity (l)	9.5	23	50	50	300	600
Average Weight - full (kg)	15.99	38.29	70.49	73.94	607.92	1,250
Average Weight - empty (kg)	14.0	33.0	60.0	60	515.0	995
Pressure kPa @ 15° C	17,600	20,000	20,000	25,000	30,000	30,000
Outlet Connection	Type 50	Type 50	Type 50	Type 51	Type *50 & 51	Type *50 & 51
Dimensions (mm) Height	690	990	1560	1560	1985	1985
Dimensions (mm) Diam/Width	180	230	230	230	709 x 510	1020 x 800

*Type 50: Pressure reducing valve 300 to 60 bar



Nitrogen 4.0, 5.0 & 6.0

Product information

Specification	Nitrogen 6.0
Size	G
Contents (m3)	10.0
Cylinder Water Capacity (l)	50
Average Weight - full (kg)	70.49
Average Weight - empty (kg)	60.0
Pressure kPa @ 15° C	20,000
Outlet Connection	Type 50
Dimensions (mm) Height	1560
Dimensions (mm) Diam/Width	230

CLASSIFICATIONS	TYPICAL ANALYSIS	PHYSICAL CHARACTERISTICS
UNNo: 1066	Nitrogen 4.0: 99.99%	Chemical Formula: N_2
EAC / Hazchem: 2T	Nitrogen 5.0: 99.999%	Colour: Colourless
Class: 2.2	Nitrogen 6.0: 99.9999%	Odour: Odourless
SDS: 10831001		
Above as per ADG 7		

BATCH TEST

Nitrogen 4.0: $O_2 \leq 10 \text{ vpm}$, $H_2O \leq 10 \text{ vpm}$

Nitrogen 5.0: $O_2 \leq 3 \text{ vpm}$, $H_2O \leq 5 \text{ vpm}$

Nitrogen 6.0: $O_2 \leq 0.04 \text{ vpm}$, $H_2O \leq 0.05 \text{ vpm}$, $THC (CH_4) \leq 0.05$, $CO \leq 0.05$, $N_2 \leq 0.05$



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