

GAS CYLINDER SIZES AND APPLICATIONS



It's important to know that LPG cylinders are made by different manufacturers so there may be slight differences in the dimensions detailed below.

If you have any questions about gas bottles and our LPG service, please call us on 13 35 74. We're happy to help.

CYLINDER	APPROXIMATE SIZE	DIMENSIONS	LPG SUPPLY	TYPICAL USE
	4kg (3.7kg) <ul style="list-style-type: none"> • 9.5 litre water capacity • 8 litre product capacity • Tare weight 5kg 	310mm height x 260 mm diameter	<ul style="list-style-type: none"> • Exchange • Filled at some retail outlets 	<ul style="list-style-type: none"> • Barbecue • Outdoor heating • Camping
	9kg (8.5kg) <ul style="list-style-type: none"> • 22 litre water capacity • 18 litre product capacity • Tare weight 8kg 	480mm height x 310mm diameter		
	13.5kg <ul style="list-style-type: none"> • 32 litre water capacity • 26 litre product capacity • Tare weight 13.9kg 	550mm height x 375 mm diameter	<ul style="list-style-type: none"> • Exchange 	<ul style="list-style-type: none"> • Cooking
	15kg <ul style="list-style-type: none"> • 36.7 litre water capacity • 29 litre product capacity • Tare weight 9.7kg 	735mm height x 300mm diameter	<ul style="list-style-type: none"> • Exchange • Filled on some customer sites 	<ul style="list-style-type: none"> • Forklifts
	18kg <ul style="list-style-type: none"> • 43 litre water capacity • 35 litre product capacity • Tare weight 18kg 	840mm height x 310mm diameter		
	20kg <ul style="list-style-type: none"> • 49 litre water capacity • 38 litre product capacity • Tare weight 19kg 	860mm height x 310mm diameter		
	45kg <ul style="list-style-type: none"> • 110 litre water capacity • 83 litre product capacity • Tare weight 33 to 42kg 	1239mm height x 374mm diameter	<ul style="list-style-type: none"> • Exchange • Cylinders are permanently installed and filled on site by tanker 	<ul style="list-style-type: none"> • Residential and commercial gas appliances

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	90kg <ul style="list-style-type: none"> • 215 litre water capacity • 170 litre product capacity (filled by volume via tanker) • Tare weight 70kg 	1340 height x 508mm diameter	<ul style="list-style-type: none"> • Cylinders are permanently installed and filled on site by tanker 	<ul style="list-style-type: none"> • Residential and commercial gas appliances
 210kg	190kg <ul style="list-style-type: none"> • 450 litre water capacity • 360 litre product capacity (filled by volume via tanker) • Tare weight 125kg 	1370mm height x 760mm diameter	<ul style="list-style-type: none"> • Cylinders are permanently installed and filled on site by tanker 	<ul style="list-style-type: none"> • Residential and commercial gas appliances
	210 kg <ul style="list-style-type: none"> • 499 litre water capacity • 400 litre product capacity (filled by volume via tanker) • Tare weight 143kg 	1454mm height x 760mm diameter		
 2.75KI	1.35KI Nominal 1070 litre	2250 mm length x 940 mm diameter	<ul style="list-style-type: none"> • Filled on site by tanker 	<ul style="list-style-type: none"> • Industrial and commercial applications
	2.2KI Nominal 1740 litre	2690mm length x 1090 mm diameter		
	2.75KI Nominal 2200 litre	3000mm length x 1090 mm diameter		
	3.3KI (1 Tonne) Nominal 2640 litre	3300mm length x 1090 mm diameter		
	4.3KI (2 Tonne) Nominal 3440 litre	3920mm length x 1245mm diameter		
	5.1KI (2.5 Tonne) Nominal 4330 litre	4570mm length x 1245mm diameter		
	6.7KI Nominal 5695 litre	5940mm length x 1245mm diameter		
	7.5KI (3 Tonne) Nominal 6375 litre	6620mm length x 1245mm diameter		

LPG expands when the temperature increases and there are Australian Standards that set maximum fill levels for cylinders and tanks to ensure the gas has spare room inside its container to safely expand and contract. That's why a gas bottle will never be filled to the full capacity it's able to hold.

LPG cylinders are filled to 80% capacity

LPG tanks are filled to 85% capacity if over 5,000 litre and 80% capacity if less than 5,000 litre.

A handy conversion rate to remember with filled cylinders is that 1 kilogram is approximately equal to 1.96 litre of LPG.