# 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.

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| 4kg (3.7kg) | • 9.5 litre water capacity  
• 8 litre product capacity  
• Tare weight 5kg | 310mm height x 260 mm diameter | Exchange  
Filled at some retail outlets | • Barbecue  
• Outdoor heating  
• Camping |
| 9kg (8.5kg) | • 22 litre water capacity  
• 18 litre product capacity  
• Tare weight 8kg | 480mm height x 310mm diameter | Exchange  
Filled at some retail outlets | • Barbecue  
• Outdoor heating  
• Camping |
| 13.5kg | • 32 litre water capacity  
• 26 litre product capacity  
• Tare weight 13.9kg | 550mm height x 375 mm diameter | Exchange | • Cooking |
| 15kg | • 36.7 litre water capacity  
• 29 litre product capacity  
• Tare weight 9.7kg | 735mm height x 300mm diameter | Exchange  
Filled on some customer sites | • Forklifts |
| 18kg | • 43 litre water capacity  
• 35 litre product capacity  
• Tare weight 18kg | 840mm height x 310mm diameter | Exchange  
Filled on some customer sites | • Forklifts |
| 20kg | • 49 litre water capacity  
• 38 litre product capacity  
• Tare weight 19kg | 860mm height x 310mm diameter | Exchange  
Filled on some customer sites | • Forklifts |
| 45kg | • 110 litre water capacity  
• 83 litre product capacity  
• Tare weight 33 to 42kg | 1239mm height x 374mm diameter | Exchange  
Cylinders are permanently installed and filled on site by tanker | • Residential and commercial gas appliances |
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| **90kg** | • 215 litre water capacity  
• 170 litre product capacity  
(filled by volume via tanker)  
• Tare weight 70kg | 1340 height x 508mm diameter | • Cylinders are permanently installed and filled on site by tanker | • Residential and commercial gas appliances |
| **190kg** | • 450 litre water capacity  
• 360 litre product capacity  
(filled by volume via tanker)  
• Tare weight 125kg | 1370mm height x 760mm diameter | • Cylinders are permanently installed and filled on site by tanker | • Residential and commercial gas appliances |
| **210 kg** | • 499 litre water capacity  
• 400 litre product capacity  
(filled by volume via tanker)  
• Tare weight 143kg | 1454mm height x 760mm diameter | | |
| **1.35KL** | Nominal 1070 litre | 2250 mm length x 940 mm diameter | | |
| **2.2Kl** | Nominal 1740 litre | 2690mm length x 1090 mm diameter | | |
| **2.75Kl** | Nominal 2200 litre | 3000mm length x 1090 mm diameter | | |
| **3.3Kl (1 Tonne)** | Nominal 2640 litre | 3300mm length x 1090 mm diameter | • Filled on site by tanker | • Industrial and commercial applications |
| **4.3Kl (2 Tonne)** | Nominal 3440 litre | 3920mm length x 1245mm diameter | | |
| **5.1Kl (2.5 Tonne)** | Nominal 4330 litre | 4570mm length x 1245mm diameter | | |
| **6.7Kl** | Nominal 5695 litre | 5940mm length x 1245mm diameter | | |
| **7.5Kl (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.