

1. THE COMPANY

1. Have you ever been at work and left your kids at home and remembered that the kitchen was open to them? Yeah it frightens you. They could turn on the gas and probably just inhale it. You might just come back to meet dead kids. That's scary. Be no more afraid because Lucama is here to give your mind a rest from worry. The issue of unstable LPG cylinders has been an issue recurring in Ghana for a while now. Lucama group co. Ltd has been created to help you as individuals to never worry about glass explosions at home and especially in the Kitchen.

3. ABOUT LUCAMA: Lucama is a distribution business that specializes in liquefied petroleum gas (LPG) cylinders. We are a family owned company and the largest distributor for HEXAGON RAGASCO AS of Norway in Ghana. We present to you a breakthrough in LPG cylinders as to what we call the fiber Glass cylinder design.

5. LUCAMA: Over the years LUCAMA GROUP CO Ltd Distributors have developed a formidable reputation in the LPG market in Ghana because it is a business that focuses on customer service and reliability.

2. PRODUCTS

2. THE PRODUCT fibre glass cylinder: Using advanced technology HEXAGON RAGASCO AS of Norway has created a transparent Composite Cylinder with some amazing advantages over the traditional LPG cylinders. The Hexagon Ragasco line of composite LPG cylinders is designed as the modern alternative to the traditional steel cylinders. Suitable for a variety of

applications, both industrial and for home-users and recreational activities, this superior cylinder is made from advanced polymeric and composite materials combining uncompromising safety, quality, design and innovation into the future standard for gas containment. Hexagon Ragasco composite LPG cylinders are represented on several markets worldwide. With over 12 million units in use worldwide and the safest track-record in the industry, Hexagon Ragasco's composite cylinders are the leading cylinders on the market. In addition, they are designed to operate across all weather conditions from -40 degrees Celsius (Antarctic regions) to +65 degrees Celsius (desert regions), proving they are a versatile choice.

7. Available in six standard sizes, Hexagon Ragasco LPG cylinders are built based on a 3-part injection molding creating a cylinder that is safe, durable, solid and user-friendly.

- Our cylinders are BLEVE-free (less risk of rupture and explosion in case of fire) and offer greater reassurance for businesses.
- Their high mechanical resistance ensures 50% higher burst pressure than steel counterparts making them a durable cylinder, even after many years of use.
- The rust-free materials mean easier and faster quality control and easy visual damage detection. Regulatory markings are permanently engraved on the pressure vessel itself.
- Their lighter weight meets maximum weight restrictions and result in less risk of injuries for your employees.

PROPERTIES OF THE RAGASO FIBRE CYLINDER

Lighter: Hexagon Ragasco Cylinders lighter weight is one of its most user-friendly attributes. allowing end-users of both genders easy and ergonomic handling. It is gender sensitive. Our cylinders are typically half the weight of their steel equivalents, easier to lift and handle, for just about anyone.

1. **Translucent:** Users can easily see the gas level and know when it's time to refill, which means they will be less likely to run out of gas while the cylinder is in use. Their translucent construction eliminates the need for inaccurate gauges. A simple quick visual check is enough to confirm how much LPG remains in the cylinder
2. **Rust-free:** Hexagon Ragasco cylinders do not rust or deteriorate, and users around the world appreciate that our cylinders do not deteriorate or rust, which means they don't leave stains on a kitchen cabinet, deck, car, boat, or anywhere else they choose to place them. Our cylinders appeal to environmentally-conscious customers as they help preserve the environment by eliminating toxic residues from the refurbishment process and saving energy.
3. **Safer:** Hexagon Ragasco cylinders unmatched safety record is backed by millions of cylinders in use by families worldwide. For over 15 years, our cylinders have been performing in withstanding diverse weather conditions ranging from - 40 degrees Celsius in arctic regions, to +65 degrees Celsius in tropical, coastal and desert regions.
4. **specification:** The Hexagon Ragasco composite LPG cylinders can be delivered with a wide variety of different valves for different uses with vapour or liquid outtake.
5. **Uses of LPG:** LPG is used in many household applications including cooking, barbecues, water and space heating, giving you instant heat and warmth when you need it. We hope we have the privilege of supplying LPG cylinders and to open you to the revolution of fibre glass cylinders.
6. Our cylinders have proven consumer satisfaction thanks to their unique features and they have become the standard for user-friendly LPG.

3. FIRE SAFETY IN THE KITCHEN

Fire extinguishers: These are a must in the kitchen. Don't forget it. Just any fire extinguisher is not enough. Don't just buy a fire extinguisher. Talk to the Experts. At Lucama we help you find the right extinguisher.

7. There are **three types** of extinguishers for the kitchen

Every household extinguisher is labeled A, B, or C, which tells you the types of fires the extinguisher is effective against. A is ordinary combustibles like wood, paper, and cloth; B is flammable liquids, such as gasoline or cooking oil; and C is live electricity.

8. **Which size is right?**

10-pound: Best for: Garage or home workshop, where a fire might grow before being noticed.

Look for: Rechargeable model with hose for ease of use.

5-pound: Best for: Quick grab in the kitchen or laundry room.

Look for: Rechargeable model with hose for ease of use.

2-pound Best for: Car. Look for: Disposable model with mounting hardware to keep it from rolling around in the trunk.

Stove-top: Best for: Mounting on range hood over stove. (Do not use over deep fryers; released chemical can splash grease and spread flames.) Look for: Magnetic pressurized cans designed to pop open from the heat of flames, spraying sodium bicarbonate (baking soda).

You can choose the kind of extinguisher you want, and we would deliver.

9. **Fun facts**

1. It's said that Ctesibius of Alexandria invented a hand pump that was able to disperse water to fires in 200BC!

2) The first patented fire extinguisher was invented by Ambrose Godfrey, a German chemist, in 1723 in England, and used gunpowder and fuses for expelling the liquid.

3) In the Middle Ages, 'squirts' were first used. Applying jets of water to fires worked very similar to a bike pump, dipping the nozzle in water, sucking up one litre of water by pulling a plunger. Squirts were used on the 1666 Great Fire of London.

4) The first portable fire extinguisher, was invented by Captain George William Manby, a British Captain and Inventor in 1818. Made of a copper container filled with potassium carbonate and pressurised air. It was called the "Extincteur".

5) Around 1912 Pyrene pioneered the carbon tetrachloride or CTC extinguisher, where the liquid was expelled from a brass or chrome container by hand pump, onto a fire. This was highly toxic and sometimes even deaths occurred from using these extinguishers in confined spaces.

6) The biggest extinguisher in the world, made by Hungarian engineers, is called the "big wind". They removed gun turrets from an old Russian tank, replaced them with 2 turbines from a MiG-21 fighter jet.

It's 27,000 pounds, 4591 cubic feet per second of air travelling 770 miles per hour. 8000 gallons of water per minute!

7) In contrast the worlds smallest fire extinguisher is 24.2cm in length and weighs 480 grams, which is about the same as a sky remote. Or a grenade style extinguisher measuring at 14cm!

8) Extinguishers have become quite the fashion statement! Many people have recycled old extinguishers into furniture like lamps, tables even BBQ grilles.

However, the most famous extinguisher art is by Niclas Castello. His designer extinguishers are sold to the Hollywood elite, including Beyoncé & Jay-Z having these designer extinguishers in their \$95 million Beverly Hills mansion! But they are available to the public with a price tag of \$9000 minimum!

9) Extinguishers come in a range of colors, including silver but only red fire extinguishers can be Kitemarked to BS-EN3 standards.

4. PAYMENT

11. You can pay for the product online using your Mastercard or visa card. You can also come to the company to get them. You can also pay through our account number or place an order and we will deliver it to you.