



This Hilo Adaptor must be used in conjunction with a Regulator

THIS IS **NOT A REGULATING DEVICE**

Do not use with Automatic Changeover Devices

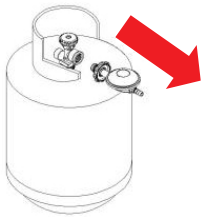
OPERATING INSTRUCTIONS

1. Safety precautions – to be installed by a competent adult

- Install the Hilo Adaptor in a well ventilated, unconfined area.
- Ensure all burners and cylinder controls are turned off.
- Use no naked flames, cigarettes, matches or mobile phones nearby when connecting, disconnecting, or testing for possible leak.
- Do not use Hilo Adaptor where heat, vibration, corrosion, water or chemical can damage unit.

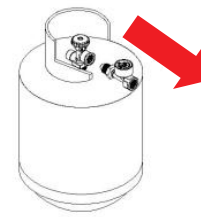
2. How to install the HILO ADAPTOR

1



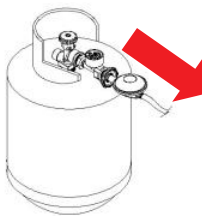
Turn off gas at cylinder. Disconnect regulator, or for high pressure systems, the hose, from the gas cylinder.

2



Connect the **Hilo Adaptor** to gas cylinder valve and tighten securely with spanner.
Note: the connection is a **LEFT HAND** thread.

3



Connect regulator/hose onto **Hilo Adaptor**, or for high pressure systems, the hose onto **Hilo Adaptor**, and again tighten securely with spanner.

Note: Use one spanner to hold **Hilo Adaptor** and another to tighten connector. To stop rain water leaking into gauge, set the **Hilo Adaptor** on an angle.

4



Turn gas on, Press the gauge face down, Check gauge pointer is in green section.

3. Testing your system for leaks

Warning: Never use LP Gas System without testing for leaks!

- Turn off cylinder valve and **all gas appliances controller ON/OFF knob**.
- Now turn on gas cylinder valve – make sure appliances are turned OFF.
- **Important:** Press the **Hilo Adaptor** gauge face down 1-2 times and hold for 5-10 seconds, the longer the gas lines the longer you need to hold it. If you do not hold it long enough, the **Hilo Adaptor** will keep shutting off.
- The gauge should now show the volume of gas which is in the cylinder. If the needle does not move or remains in the RED REFILL zone, you are out of gas or have not held it long enough. Don't forget at least 5-10 seconds.
- Now turn off gas cylinder valve and observe gauge needle position.

After this setting time – of 60 seconds or more

- If the needle falls away from original position after pressurising, then this indicates a possible leak – do not use gas until leak is rectified by a qualified gas fitter.
- If needle remains in the same position after pumping (wait 60 seconds) then you may proceed CAREFULLY to use systems as normal and turn on the gas cylinder valve. Depress **Hilo Adaptor** gauge 4-6 times to start.

4. Reading the Gauge

- Install **Hilo Adaptor** to be available for usage.
- Turn on the valve and press the gauge face down 1-2 times and hold for 5-10 seconds without turning the burner on.
- Switch the burner into ON mode to be ready for use.
- The gauge should now indicate the volume of gas which is in the cylinder.

5. Automatic excess flow shut off mechanism

- This unit is fitted with an excess flow mechanism which prevents an excess amount of gas from being released.
- The unit will not shut off if there is a small leak, if flame extinguishes, or if leak is not large enough to activate.
- Shut off may occur if subject to low temperatures, or not set properly, or gas appliance knobs are left on, or low gas levels are present, or appliances use more than 110 mj or subject to high flow gas.
- Shut off should occur if high flow of gas, or regulator fails hence delivering bottle pressure, or hose is cut off, burnt off or ripped off hence delivering bottle pressure down stream.
Important: If in any doubt, retest system for gas leaks. If in further doubt, do not attempt to rectify system. Have a qualified gas fitter service systems.

If the adaptor trips, the gauge will return to zero.

If so, you should then:-

- Turn off the cylinder valve.
- Release the pressure from within the adaptor by partly unscrewing from the cylinder – you should hear the excess flow trip mechanism “click” as you are unscrewing it.
- Then re-tighten the adaptor which should now work as normal.

NOTE: you will need to check the connection for leaks.

6. Problem situations

When there is no problem.

The **Hilo Adaptor** is a safety shut off device and is like an electrical fuse. It works in the background, letting normal amounts of gas through the lines and to your appliance. If there is no problem, you won't even notice it's there. If it is called into action, it will work in an instant.

When there is a problem.

A typical scene is an unattended barbecue that catches fire. The fire spreads to the hose, which melts and ruptures. You now have a fire that is being fed with large quantities of gas straight from the cylinder.

The Hilo Adaptor shuts off without you even being there.

As soon as **Hilo Adaptor** detects abnormal gas flow, it shuts off immediately.

