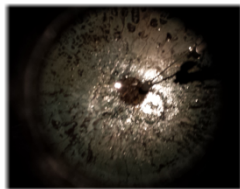


HIGH PURITY GAS PACKAGING

Low Pressure Cylinders

Differences between Gas Innovations High Purity Hydrocarbon guaranteed cylinders and standard low pressure cylinders.....

- *Gas Innovations uses upgraded diaphragm valves for all low pressure specialty gas cylinders, versus vapor valves .
With a standard pack vapor valve you have a better chance of taking in impurities (AIR) when you pull a vacuum. By using a standard pack valve you run the risk of the gas not meeting High Purity specifications.*
- *The liquid valve is also upgraded to a diaphragm valve for specialty gases. This valve has a stainless steel dip-tube, compression fitting and a 3" adapter.
With a standard pack valve you have a better chance of taking in impurities (AIR) when you pull a vacuum. If you use a standard valve you run the risk of the gas not meeting specifications. With competitive cylinders, a fixed liquid withdraw valve is used.*
- *Internal inspections are done on all the cylinders we valve. Any loose particles inside the cylinder will be remediated before we re-valve the cylinder. Most ½ ton cylinders received from Worthington will have to be dried. This drying process will be done before we re-valve the cylinders.*



Typical new cylinders have oil residue along with water, both of which will affect cylinder life and product quality.



Gas Innovations' new cylinders have upgraded diaphragm valves



Cylinders / Sizes:

1. # ½ ton approximately 106 gallons net contents (1,000 lb. water capacity)
2. # LP-239 approximately 28 gallons net contents (239 lbs. water capacity)
3. # LP-5 approximately 5 gallons net contents (48 lbs. water capacity)