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LIQUID TRAP



Ensure separation of heavy components from LPG Vapours,
improve quality of combustion & safety of installation



**PLUG & PLAY
DEVICE**



**EFFICIENT
COMBUSTION**



**OPTIMIZES FUEL
CONSUMPTION**



**MORE
SAFETY**

A good LPG combustion system always optimizes the consumption of fuel. Presence of heavy components in LPG are harmful to the combustion system. In our continuous endeavour to provide efficient energy solutions to customers, SUPERGAS offers automatic and reliable Liquid Trap in association with its technology partner M/s Gas Tech Corporation. This ensures separation of all heavy components like pentane, hexane from LPG vapours and provides a clean LPG supply to the burners.

Heavy Components in LPG and its effect

Heavy hydrocarbons e.g. pentane, hexane etc. which are sometimes present in LPG are prone to convert back to liquid due to their high boiling point. Condensed LPG vapours at application point can lead to serious problems of liquid LPG entering the secondary system. Liquid Trap separates heavy ends from LPG vapours and ensures a clean combustion; thus improving safety by eliminating the above problems.

SUPERGAS LPG Liquid Trap : Working Principle

When LPG is passed through a Liquid Trap, only clean LPG vapour flows out for combustion. Heavy hydrocarbons accumulate at the bottom of the liquid trap which is periodically drained out by trained personnel. Use of Liquid Trap ensures clean, uninterrupted and efficient combustion even during winter. Liquid Trap consists of a mechanism which gives alarm when the trap is 35% full. it shuts off the LPG supply, when the heavy ends reach a level of 80% to ensure safety.

Customized Model as per your requirement

S.No.	LPG Flow (Kg/hr)	Material Description
1	1-100	25 NB 150 #100
2	100-175	40 NB 150 #175
3	175-400	50 NB 150 #400
4	400-750	80 NB 150 #750

Features of SUPERGAS - LPG Liquid Trap

- Pre-warning alarm at 35% filled with heavy ends
- Final alarm at 80% level of liquid trap; shuts off the LPG supply automatically
- Solenoid valve with bypass arrangement for easy maintenance
- Plug and play device with pre-wired unit and cable tray for easy installation
- Potential free audio alarm
- Weather proof IP 45 enclosure for junction box
- Automatic resetting to normal working after draining

Installation and Commissioning

Our expert engineers will do the installation and commissioning at your LPG installations, In addition, they will also impart operational training to your designated personnel.



About SUPERGAS

SHV Energy Private Limited is a 100% subsidiary of Dutch Multinational SHV Energy N.V., Global leader in LPG Industry. It operates in more than 20 countries and supply LPG to 3 Crore Customers across 3 continents. Established in India in 1996, SHV India has built a reputation as the leading LPG player with national presence having access to 6 import terminals and more than 20 filling plants. Popularly known by its brand name SUPERGAS, we have retained the coveted CRISIL Rating No.1 since inception for our technical excellence, prompt customer service and strong commitment to safety.



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