

FREQUENTLY ASKED QUESTIONS[FAQ]

1. What is Enose?

Enose is an LPG leakage detector & Alarm system for domestic application.

2. What is the sensing area of an Enose?

The sensing area of an Enose is 50 Sq. feet.

3. How is the Enose detector powered?

The Enose is powered from 230 VAC,50 Hz.,power socket.

4. What is the supply rating of Enose detector?

The Enose detector works from 180 VAC to 270 VAC supply. The consumption is less than 3 Watts.

5. Can the system work, when the AC mains fail?

Yes. The system can be powered from a generator OR UPS of suitable rating. Please note that the Enose is not battery backed.

6. What is the type of sensor used in Enose?

The sensors used are high quality Imported Japanese make.

7. Does the Enose do any self diagnostics?

Yes,the Enose does system checkup and calibration during start up. This takes about 3 minutes. Healthy indication is given by a beep,after the flashing of LED Indicator.

8. Does the detectors require any field calibration?

No. The Enose detectors are microcontroller controlled, and does the calibration automatically, during the power up. It takes around 3 minutes for this operation.

9. Does the detector smell the LPG?

No. The Enose detects the hydrocarbons contained in LPG and when exceeds calibration value, starts the Beeper.

10. Can the sensitivity of detectors varied, as desired at site?

Yes. The sensitivity of Enose detectors can be varied as desired, but only factory set in firmware.

11. Any caution to be taken for using the Enose detectors? Yes.

Please note the following:

- a. Do not expose to smoke and cooking fumes, for better operation.
- b. Do not use water for cleaning. Only wipe with dry cloth.
 - c. Avoid exposure to alcohol or petroleum compounds, which could trigger the alarm on continuous exposure.
 - d. Switch OFF the Enose detectors, when using insecticides.
 - e. Use only 100 mA cartridge fuse,for Enose.

12. How is the Enose mounted?

The Enose detector is wall mounted, on a single screw.

13. Where is the Enose mounted?

The Enose is mounted on wall,about 3 feets from the stove,cylinder,about the same level.

14. is it advisable to give an external enclosure for the Enose detectors?

No. This would trap the LPG traces inside the extra enclosure and give unwanted continuous alarms.

15. How does the Enose function?

Plug the 2 pin power chord in 230 VAC socket and switch ON the power. The system starts up with LED Indicator flashing to indicate calibration mode. Wait for about 3 minutes,until the LED become steady glowing with a beep. When a leak is detected,the Beeper starts and LED flashes to alert the user and it stops only when the sensing of LPG stops. The operation is fully automatic.

16. What is your warranty terms?

LEDS is giving a free replacement warranty of 2 calendar years, from the date of commissioning of its systems. However,this Warranty shall not cover the damages due to unauthorized servicing OR damages due to Natural calamities and operations beyong specified ratings.

