



## Refrigerant Gas Leak Detector TS12(REF)R



### Product Description:

TS12(REF)R is ideal gas detector for detecting refrigerant gas leakages from Refrigeration systems in commercial and Industrial premises, Food Storage & Processing facilities, Supermarkets, Parking Garages, Wastewater Treatment Facilities, Hospitals and Universities.

Variant models are available for different refrigerants like R410a, R408a etc. It has long life Semiconductor sensor. This model also provides Bargraph indication for level of concentration of gas. Four levels, 125, 250, 375 & 500 of PPM are provided. Alarm is indicated by sounding of beep at every level. After the concentration level crosses 500ppm continuous alarm will sound and relay (PFC) output will change the status. It is available in Dustproof & Water Splash Proof – IP67 Enclosure.

Models Available for following gases :  
HFC : R134a, R404a, R407c, R410a  
HCFC : R22, R401a, R406a, R408a, R409a.

Gas Detector Models also available for other gases e.g. NH<sub>3</sub>, H<sub>2</sub>, H<sub>2</sub>S, Explosive Gases for different applications e.g. household, commercial and industrial.

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## Product Features & Specifications:

- Dustproof & Water Splash proof – IP65 Enclosure
- Replaceable Filter
- Available with PPM Bargraph
- Can be interfaced with Gas Detection Panel
- Long Life Semiconductor Sensor

## Technical Specifications:

<b>Gas Sampling</b>	Natural diffusion	<b>Detection Level</b>	125 PPM 250 PPM 375 PPM 500 PPM
<b>Gas Sensor Type</b>	Semi-Conductor	<b>Output</b>	PFC relay, Bar-graph LED, Valve output.
<b>Power supply</b>	12 - 30VDC		RS-485(Optional).
<b>Power Consumption</b>	2W Max.	<b>Working Temperature</b>	0°C to 50°C

## Application:

- Commercial & Industrial Refrigerator
- Food Storage Areas
- Food Processing Company
- Hospital
- Supermarkets, etc.

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