

## **GAS RELEASE PANEL (AGENT RELEASE PANEL) (GR-800P)**



RE-120GR is a microprocessor Gas/Agent Release Panel. This panel used in fire suppression systems, it designed to extinguish fire in critical environment, such as server room, data centres, Laboratories etc.

The agent release panel usually includes controls for monitoring the protected area, manual release switches, and interfaces for connecting to fire detection system.

The release of fire suppressant agent can be automatic, triggered by fire detection sensors, or manual initiated by an operator or first responder.

These panel are a feature packed control unit performing dual function of detection and controlled release of gaseous agent. These panels have 2 detection circuits and 1 agent release circuit with various programmable options.

### **Features and Benefits :**

- 20X4 Character LCD Display.
- Lamp test and keypad enable, disable facility.
- Low Battery Visual Warning with Audible Tone.
- Relay Output For actuators.
- Compatible With all make conventional detectors.
- for Two SOV Line one for main and second for standby with key lock protection.
- Zone Isolation Facility with DIP Switch.

+91-8527498960, 8527498961, 8527498962

sales@agniprotection.com, support@agniprotectionindia.com

www.agniprotection.com



**An ISO 9001-2008 Certified Co.**  
**AGNI PROTECTION PVT. LTD.**  
**DATASHEET**

- Zone Healthy Indication.
- External Switch for RESET, Lamp Test, Silence & Mode.
- Visual Indication each Zone Fire, Fault.
- Inbuilt Battery Charger & battery space.
- Potential Free Contact In firecase.
- Common hooter connection point.
- Every Zone capability to operate 20 devices (detector & mcp).
- Password protection for menu.
- Visual monitoring SOV line, SOV Operate, SOV disable.
- 2 AMP internal power supply.
- Two Mode operation auto/manual.
- Visual monitoring Gas discharge, Gas abort, Manual release.
- Potential Free Contact in cross Zoning condition (SOV Operating case).
- Delay Timer 0-99 Second inbuilt.

**ELECTRICAL INFORMATION:**

Mains Voltage	220~230V AC
Frequency	50~60 Hz
Power Consumption	5 Watt/45 Watt (Normal/Fire)
Operating Voltage	24 V DC
Detection O/P Supply	24 V DC
Hooter O/P Supply	24 V DC
No of Relays	6
SOV Line Output	24 V DC

**Initiating Device Circuits (Zone Circuit): -**  
**All Zones are Class B wiring**

Normal Operating Voltage	16-24 V DC
Alarm Current	15-30mA
Short Circuit Current	100 mA
Maximum Zone Resistance	220 ohms
End of Line	4.7k
Standby Current	200mA

+91-8527498960, 8527498961, 8527498962

sales@agniprotection.com, support@agniprotectionindia.com

www.agniprotection.com



An ISO 9001-2008 Certified Co.  
**AGNI PROTECTION PVT. LTD.**  
DATASHEET

### ENVIRONMENTAL INFORMATION:

Operating Temperature 0° C to + 65° C  
Operating Humidity 5 to 95% Relative Humidity (non- condensing)

### MECHANICAL SPECIFICATION:

Cabinet Type CRCA With Powder Coated Finish  
Colour Off White/Red  
KnockOut 20mm  
Dimension (WXHxD) 420 X350X125 mm  
Weight without Battery 5.5 Kg (No Battery Fitted)

### ORDERING INFORMATION:

MODEL NO	PACK QTY.	DIMENSION (WXHxD) MM	WEIGHT
GR-800	1	420x350x125	5.5 KG

### APPROVED BY:



+91-8527498960, 8527498961, 8527498962  
sales@agniprotection.com, support@agniprotectionindia.com  
www.agniprotection.com