

## Fire Suppression System - FSS-042G



### Product Description:

Fire Suppressants (Gas or Aerosol) are expensive and customers & installers are always concerned about reliability of the releasing system. Also they are concerned about accidental release.

"Vignaharta A3S" brings to you Fire Suppression Panels with unique features.

They are NFPA & EN54-2 compliant and possess all the features required by international users.

Panels are EMI/EMC tested and are protected against power line surges. Fault tolerant, intelligent, triple logic electronic hardware circuit coupled with intelligent software removes probability of accidental release. FSS models use conventional detectors. They can be interfaced with BMS, SCADA with the help of RS485 or Ethernet ports for remote monitoring. For GAS Suppressant Valve it has special monitoring circuit which can inform about Low Pressure of GAS.

**FSS-021G & FSS-042G Panel has Provide Optional Ethernet /GSM/ GPRS Connectivity OR CMS monitoring output also available .**

### USPs:

- Extra Protection against accidental release
- GAS Valve Monitoring Circuit

### Note: Following Models Also Available

FSS-021G : Two Cross Zone, Single Gas Release

FSS-042G : Four Cross Zone, Dual Gas



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**Product Features & Specifications:**

- Class B Initiating Device Circuits (IDC) – 4 nos - For Conventional Smoke Detectors.
- Class B Releasing Agent Circuits (RAC) – 2 nos
- Class B Notification Appliance Circuits (NAC) – 2nos For Hooter/Sounder etc.
- 4 IDC can be cross zone assigned for Two RAC & NAC .
- Fire / Fault status in unambiguous colors LED indication.
- Programmable Inputs for Pressure Switch, Inhibit/Abort Switch & Instant Release Switch .
- Programmable Mode (Auto/Manual) Selection & Zone Isolation facility.
- RAC Monitoring
- BMS Connectivity
- Up to 1000 Events Memory log support
- Ultra Safe Triple Activation Logic to avoid accidental release.
- Programmable Relays for Fire / Supervisory / Fault indication / RAC Released.
- Optional : for G (Gas) Versions : No external Power Supply needed.
- Optional : Ethernet with MODBUS on IP
- Optional : Repeater Panel Connectivity
- Optional : RAC Release Card interface

**Technical Specifications**

<b>Power Supply</b>	170-230VAC,50/60Hz	<b>Output</b>	20*4 Dot Matrix LCD Display1 GAS Valve Output (3.6Amax) RS-485 Modbus Siren Output (One Siren) LED & Audio Buzzer Output
<b>Operating Voltage</b>	24VDC	<b>Battery Backup</b>	Up to 7-8Hr (24VDC/4.5Ah)
<b>Input</b>	4 Zone Conventional Fire Detection Inputs	<b>Humidity</b>	5 to 95% Rh
<b>Size</b>	(480x100x340)mm (LxHxW)	<b>Working Temp.</b>	- 20°C to 55°C

**Applications**

