24 ZONE FIRE ALARM CONTROL PANEL
MODEL NO-(C-124Z)

This is microcontroller based conventional fire alarm panel which monitor 24 zone status and display the same in LCD & LED.

In case of event (Fire/Fault/Short) it will indicate the respective Zones and also perform the required action like activating the common/ Zone wise hooter of the panel.

This Is Latest Technology Fire Alarm Panel Which is designed to be used for Residential, commercial, pharma, hotels & industrial Buildings.

Features and Benefits :

- As Per IS-15908:2011 Standard.
- 16x2 Dot Matrix LCD Display.
- Zone Wise Fire/Fault LED Indication.
- Short Circuit/Overload Protection.
- Potential Free Contact Facility.
- Inbuilt Battery Charger & Battery Space. (2 Battery 12V
- 7Ah) Auto Dialler Integration Facility.
- Zone Healthy Indication.
- RS 485 Communication for Repeater Panel.

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- Compatible With all Make Conventional Sensors.
- Relay Output for Actuators, For Fire & Fault.
- Lamp Test Facility.
- User Friendly Key pad for easy panel operation.
- Zone Isolation Facility with Zone Voltage Cutoff.
- Low Battery Visual Warning.
- Evacuate Switch for Emergency.
- Zone Name Editing Facility.

Technical Specifications :

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	28

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	220 ohms
Resistance End of Line	4.7k
Standby Current	200 mA

ENVIRONMENTAL INFORMATION:

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

MECHANICAL SPECIFICATION:

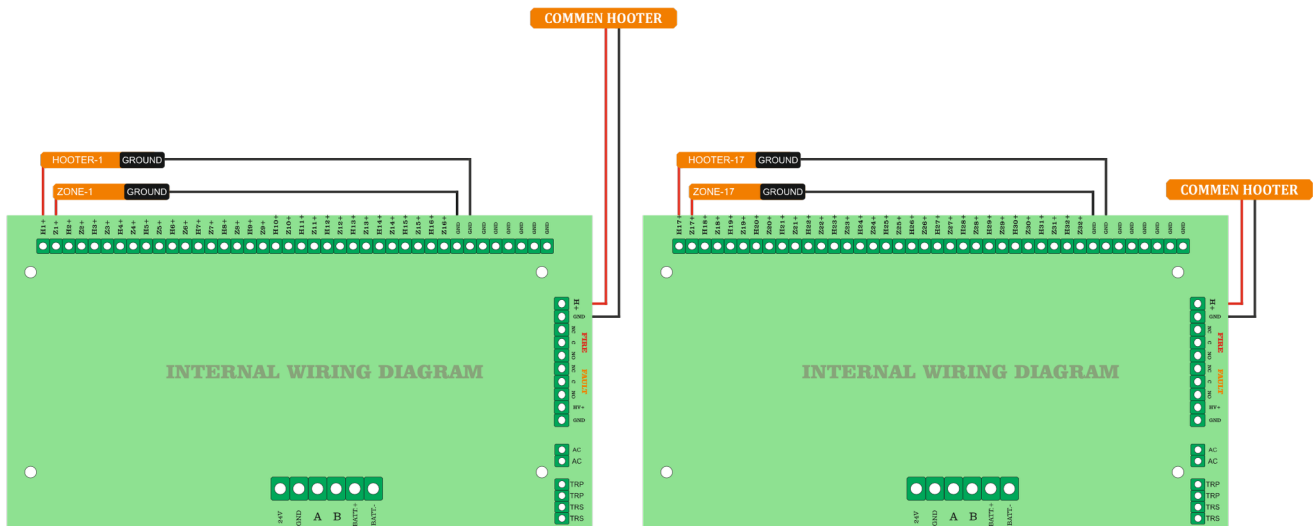|	
Cabinet Type	CRCA With Powder Coated
Colour	Finish Off White/Black/Red
Knock- Out	20mm
Dimension (WXHXD)	660 X410X180 mm
Weight without Batter	16 Kg (No Battery Fitted)

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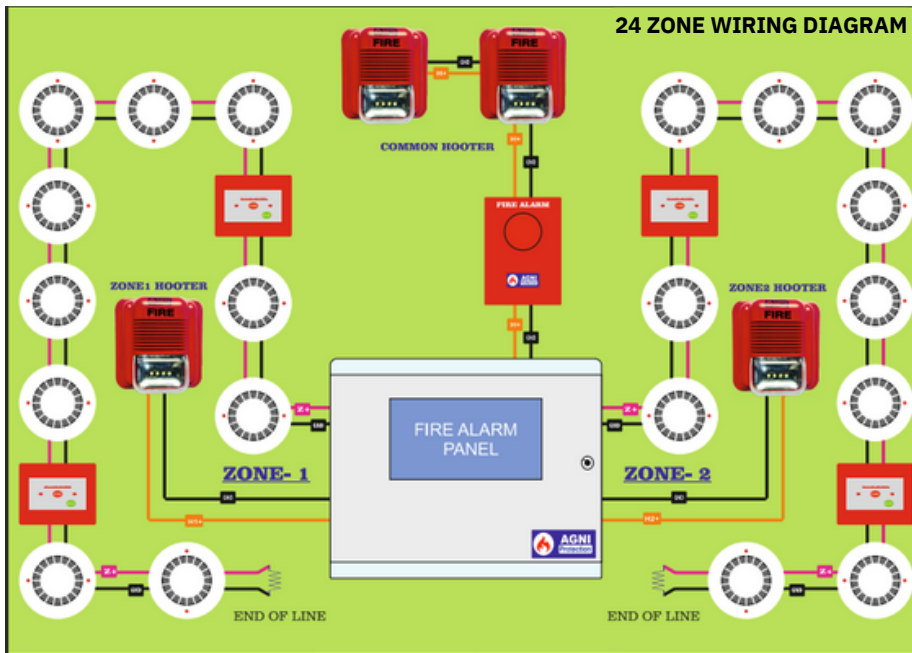sales@agniprotection.com, support@agniprotectionindia.com
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COMPATIBLE DEVISES

C-100PD	Smoke Detector
C-100HD	Heat Detector
C-100PHD	Multi Criteria
C-100MM	Detector MS MCP
C-100MH	MS Sounder
C-100AM	ABS MCP
C-100AH	ABS Sounder
C-100SS	ABS Sounder Strobe
C-100RM	Relay Module
RI-100	Response Indicator
C-100SB	Detector Base

CONNECTION DIAGRAM:

WIRING DIAGRAM:

24 ZONE WIRING DIAGRAM

ORDERING INFORMATION:

MODEL NO	PACK QTY.	DIMESION (WXHXD) MM	WEIGHT
C-124Z	1	660X410X180	16 KG

APPROVED BY:

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