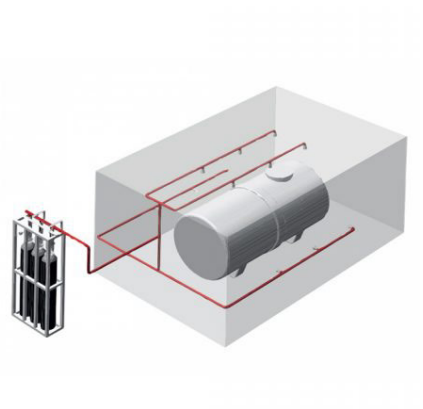
Co2 Fire Suppression Systems

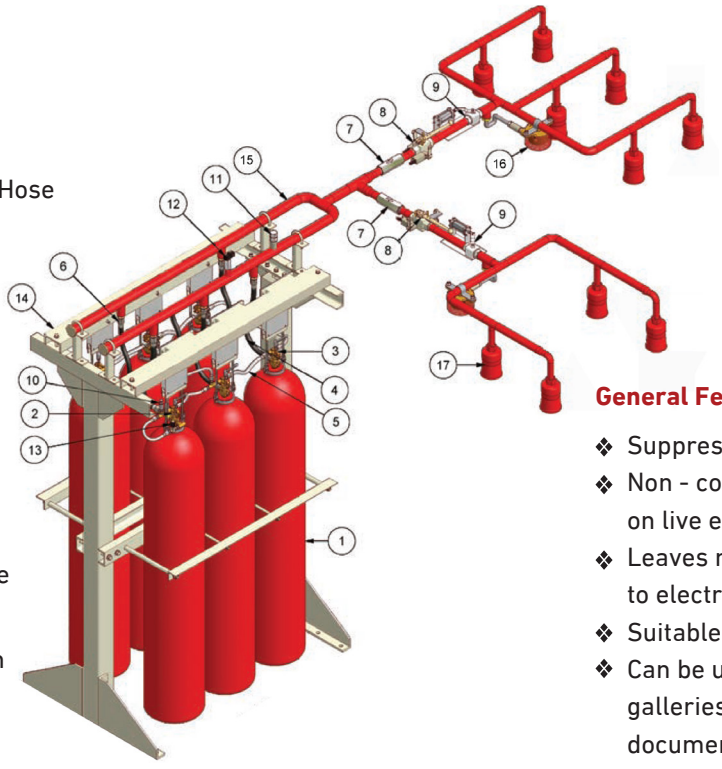
It is the most cost-effective solution for covering large rooms where there is no staff present. It can be discharged numerous times and highly recommended when there are several fires sources that can spread the fire.

- Applicable for Deep Seated Fires.
- Low Refilling Cost.
- No residue To Clean Up After Discharge.
- Electrically Non-Conductive.
- The modular, multi-zone system can easily be adapted for nearly any renovation or expansion measures.



High Pressure Carbon Dioxide Fire Extinguishing System

1. CO_2 Cylinder
2. Master Valve
3. Slave Valve
4. Flexible Discharge Hose
5. Flexible Inter Connecting Hose
6. Non Return Valve
7. Inline Check Valve
8. Lock Out Valve
9. Directional Valve
10. Bleeder Valve
11. Safety Release Valve
12. Pressure Switch
13. Solenoid Valve
14. Cylinder Mounting Frame
15. Manifold
16. Pressure Operated Siren
17. CO_2 Discharge Nozzle



General Features

- Suppress fire quickly
- Non - conductivity helps to use on live electrical equipment
- Leaves no residue and is not as damaging to electrical equipment as powder
- Suitable for class B and Electrical fires
- Can be used at IT server room, art galleries, museums, laboratories, document storage, etc.

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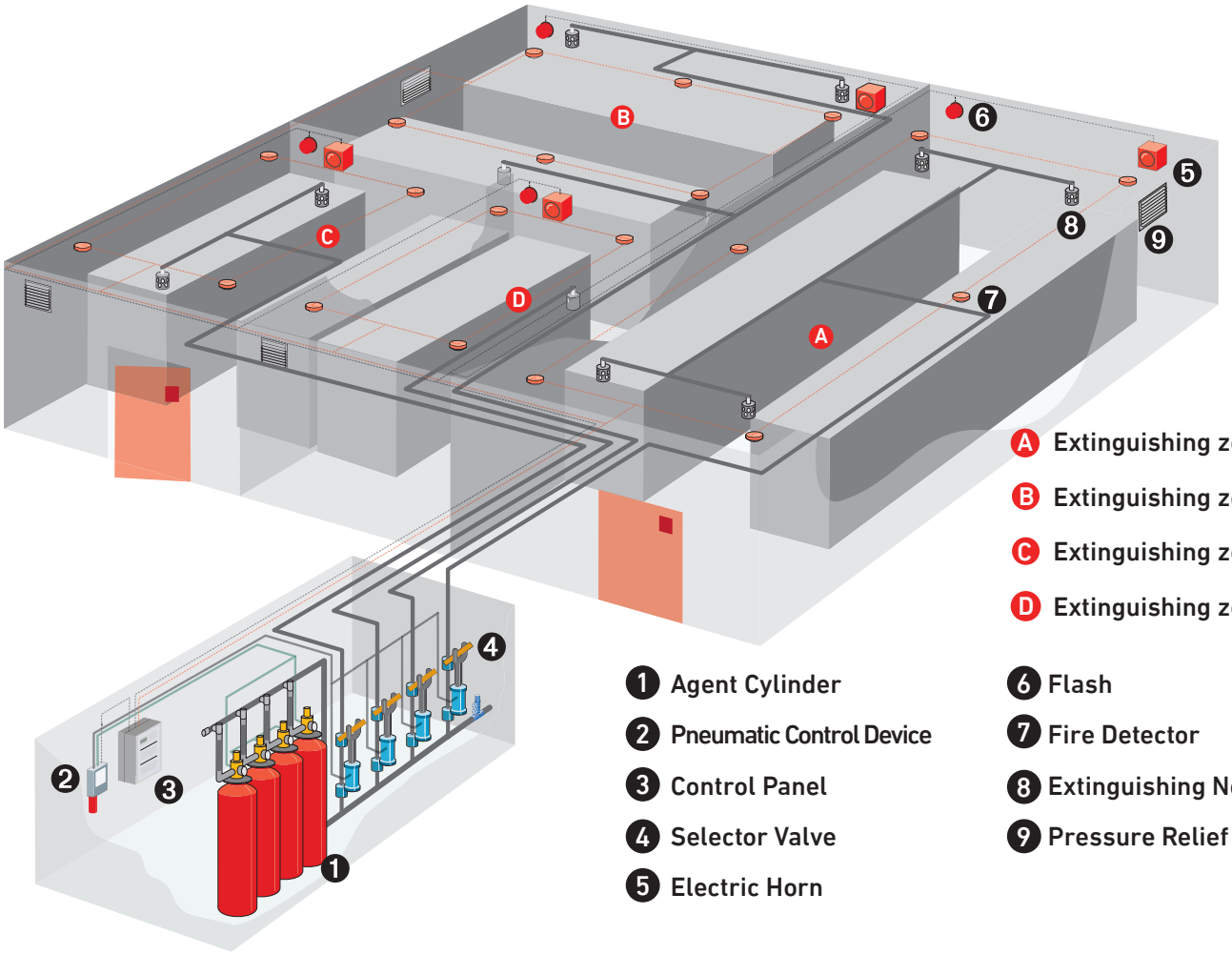
The extinguishing agent is stored in liquid form in special cylinders, where a nitrogen cushion is superimposed over the extinguishing agent and thus generates the operating pressure of 25 or 42 or 50 bar.
To protect smaller rooms, a single cylinder is often sufficient. Multi-cylinder systems are used to protect larger rooms.

Multi Zone System



- A Extinguishing zone 1
- B Extinguishing zone 2
- C Extinguishing zone 3
- D Extinguishing zone 4

- 1 Agent Cylinder
- 2 Pneumatic Control Device
- 3 Control Panel
- 4 Selector Valve
- 5 Electric Horn
- 6 Flash
- 7 Fire Detector
- 8 Extinguishing Nozzle
- 9 Pressure Relief Flap

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