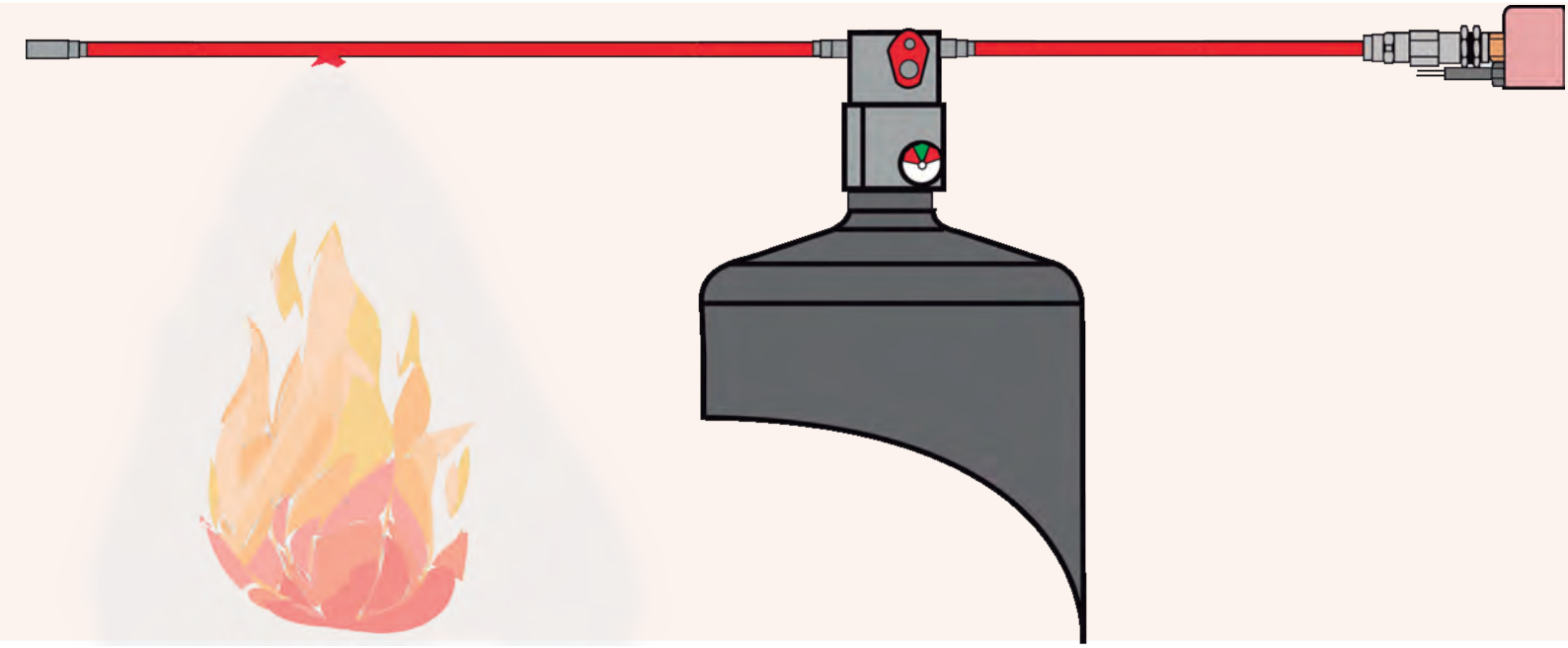
aguilera extinción

Fire Extinguishing

AEDETEC EXTINGUISHING SYSTEM PROTECTION SMALL ENCLOSURES



Advantages

- Extinguish fire in seconds
- Perfect for small spaces
- Economic
- Easy to install
- Works without electricity
- Reduces damage and times shutdown after a fire.

What is it Aedetec?

Aedetec is an extinguishing system based on a sensor tube that works as a linear temperature detector. The flexibility of the tube allows it to be installed along the entire risk to be protected.

When there is an increase in temperature, the pressurized tube breaks, causing the valve to depressurize and the extinguishing agent to discharge (CO_2, HFC 227ea, Novec 1230).

Applications

Technical Applications and industrial

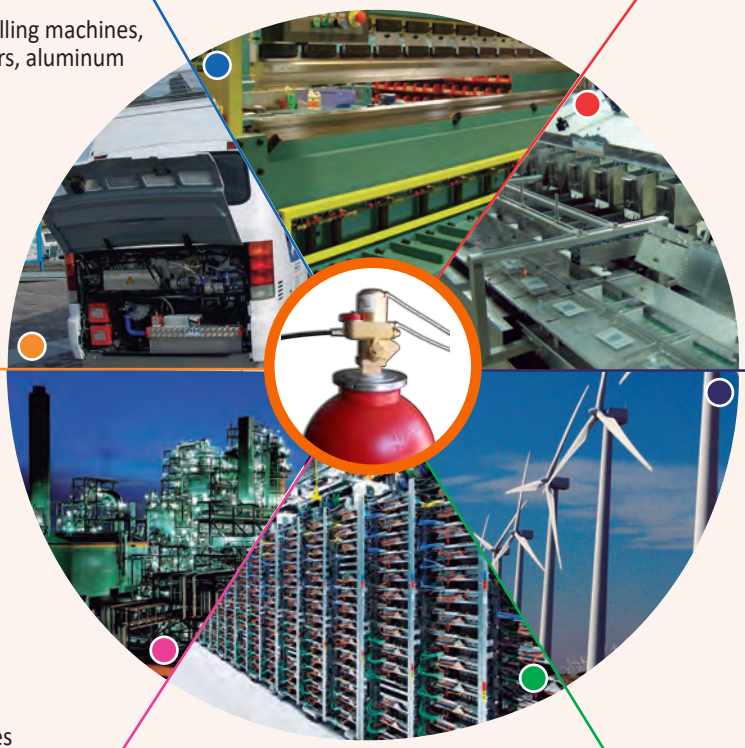
Industrial machinery such as milling machines, robotic welders, plastic moulders, aluminum extrusion...

Equipment industrial

Forklift trucks, engine/machinery protection installation, industrial process equipment...

Transportation

Buses, boats, trains...



Energy generators

Mobile electric generators, wind turbines...

Industria Química

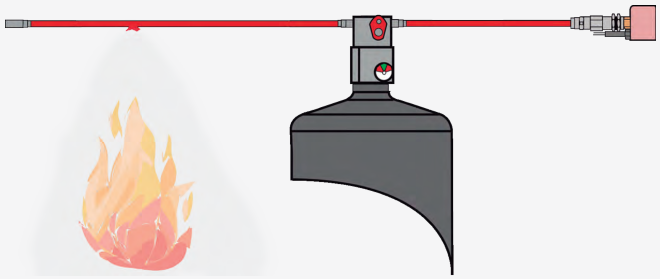
Chemical warehouses, laboratories pharmaceuticals, scientific laboratories...

Data centers and electrical panels

Electrical distribution cabinets, process control cabinets, communication supports...

System Types

Direct System



In the direct system, the sensor tube works as a temperature detector and as a network of discharge pipes.

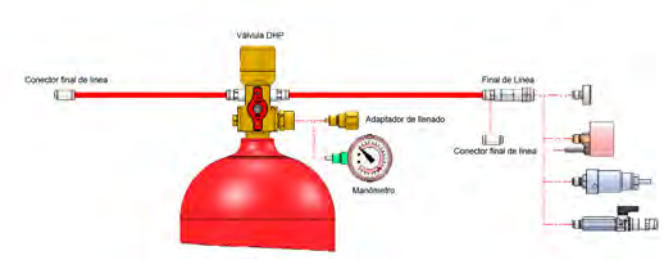
When the tube detects a point of heat, it breaks, in this way the rupture point of the tube works as a diffuser and produces the discharge of the agent (CO2, HFC 227ea, Novec 1230).

It is perfect for small or difficult to access risks.

Direct High Pressure System

Suitable for CO2 and chemical agent systems (HFC227ea, NOVEC 1230) up to 42 bar.

The discharge valves have a sensor tube pressure switch signal and a system status signal: Operative / Non-operative



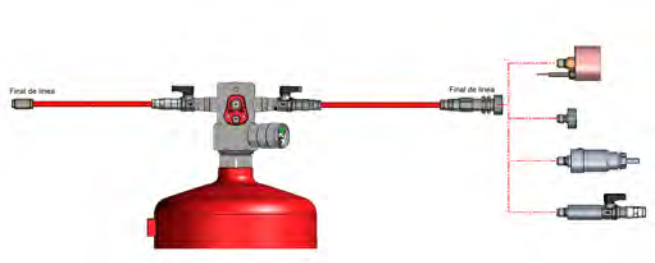
Direct Low Pressure System

Pressurized systems up to 24 bar.

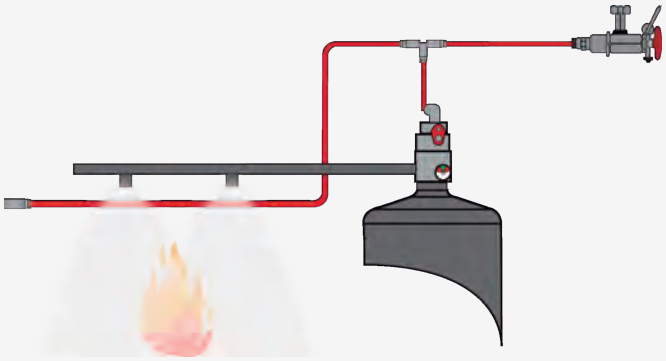
Discharge valves with 2 sensor tube outlets.

They provide system status information:

Operational / Non-operational



Indirect System



In the indirect system, the sensor tube functions only as a temperature detector. For a correct installation it is necessary to calculate the pipe network.

When the sensor tube detects a heat source, the tube breaks, causing the valve to depressurize and the extinguishing agent to be discharged through the installed pipe network.

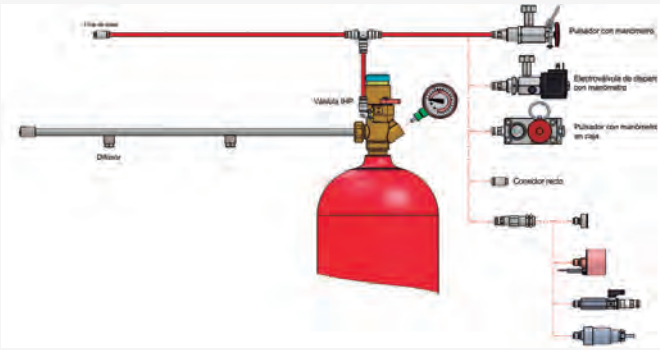
Supports higher volumes and longer distances.

Indirect High Pressure System

Suitable for CO2 and chemical agent systems (HFC227ea and NOVEC 1230) up to 42 bar.

The discharge valves allow the sensor tube to be pressurized by the gas contained in the bottle.

They have a sensor tube pressure switch signal and a system status signal: Operative / Non-operative.

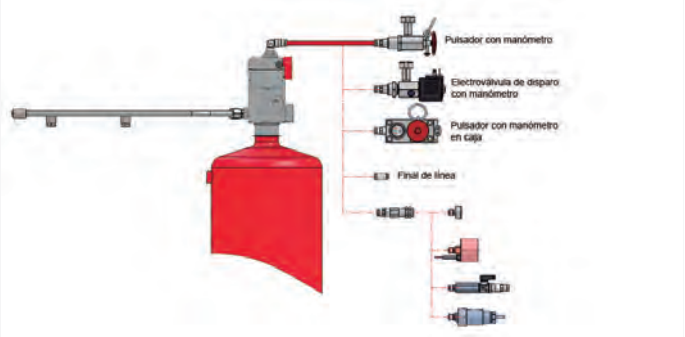


Indirect Low Pressure System

Pressurized systems up to 24 bar.

They provide system status information:

Operational / Non-operational



GRUPO aguilera

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