



Local  
Applications

C Series





## PROTECTION OF ENCLOSED SPACES

Direct and in-direct low-pressure systems from the BlazeCut 'C' Series range is the ideal fire protection system for a range of applications including IT/telecommunications rack and cabinets, manufacturing machines, electrical switchboards, generators, trucks, buses, earthmoving equipment and similar equipment which are enclosed in spaces of high fire risk which may not be under constant supervision. Suitable for protection of areas where a fire can result in high property damage and business interruption.

## EXTINGUISHING AGENTS

Each environment is different, so choosing the right agent is critical. BlazeCut systems contain commonly used extinguishing agents known worldwide that suit virtually any needs. Our systems come with a choice of agents.

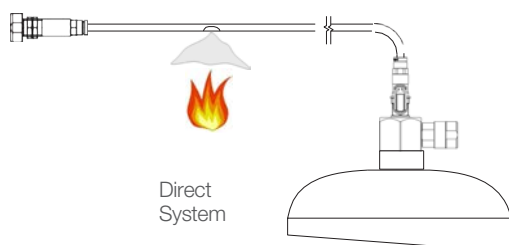
- Foam / Antifreeze Foam
- Powder
- Gaseous clean agents FK-5-1-12 (also known as Novec™1230)
- HFC-227ea (also known as FM-200).



## DIRECT vs INDIRECT SYSTEM

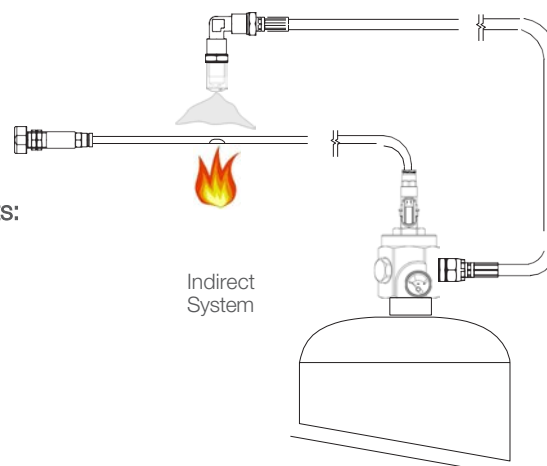
### DIRECT SYSTEM (DLP)

Activation and distribution ensures detection extinguishing hose. Suitable for small and tight spaces such as electrical switchboards and small compartments. A cost effective solution covering a range of applications.



### INDIRECT SYSTEM (ILP)

Activation is provided by the detection tube or other form of detection and the distribution of the extinguishing agent is through separate distribution nozzle distributions. Comprehensive systems for smaller and larger spaces and where there are special requirements for even distribution of extinguishing agent and additional components.



DLP & ILP systems can be offered with a range of optional components:

- Heat / smoke detectors
- Linear heat detection
- Pressure switch or pressure transducer
- Fire control panels
- Manual remote actuators
- Visual and audible signaling units



## C SERIES SYSTEMS

### THE BLAZECUT SOLUTION

BlazeCut C Series Systems can be installed to protect the engine compartment of any vehicle or machine ranging from standard truck or van to heavy forestry or mining machine. Systems for vehicles and machines are specially designed to sustain harsh environments and are supplied as a ready-to-install kits.

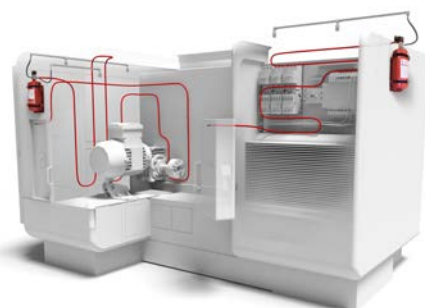
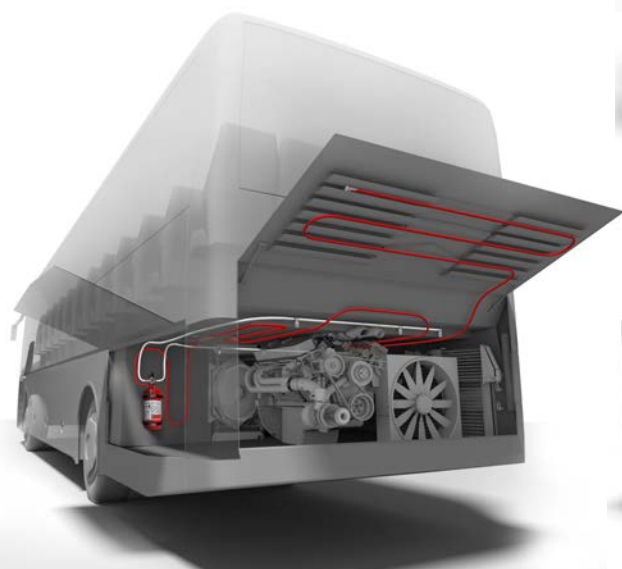
BlazeCut's fully customisable system options provide the features and functions that you require to protect your asset.

#### Advantages

- Fully automatic and autonomous
- Independent of electricity
- Fast Detection
- High efficiency of extinguishing agent
- Possibility to manually activate the system
- One system can cover more space
- Harmless to humans and protected devices
- Variety of additional components
- Simple installation and maintenance
- Cost-effective life value

#### Typical applications

- Electrical cabinets
- Server racks
- CNC machines
- Telecommunications equipment
- Generators
- Vending machine
- Manufacturing equipment
- Laser cutters
- 3D Printers
- Buses and coaches
- Trucks and vans
- Construction vehicles
- Agricultural machinery
- Mining machines
- Forestry machines
- Specialized military
- Emergency & police vehicles
- Marine







## DOMESTIC AND COMMERCIAL KITCHENS

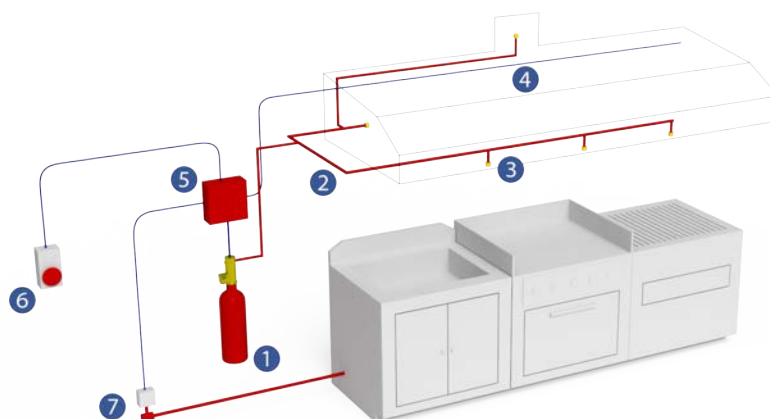
BlazeCut offers localised fire suppression systems to protect kitchens in restaurants, fast food, racing and school dining and the home.

An extinguishing system is designed to protect against fire for the potentially greatest risks such as gas burners, grills, fryers and equipment in the kitchen.

The BlazeCut C Series system uses fire extinguishing foam agent which covers fires of class F: fire of vegetable or animal oils and fats. The extinguishing agent is non-corrosive, non-toxic, ecological and highly efficient with cooling effect.

### Kitchen Fire System Layout:

1. Cylinder with extinguishing agent
2. Extinguishing systems discharge lines
3. Extinguishing nozzles
4. Detection circuit
5. Alarm panel/control unit
6. Manual actuator
7. Automatic shutdown of the gas supply



### Benefits

- Independent operation
- Automatic or manual discharge
- Individual solutions by type of risk
- Attractive design solutions
- Cost effective solutions



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