



Heavy Machinery Solutions PTY.LTD

T/As Bigdog Diesel Repairs

ABN: 2364860042



0429 528 570

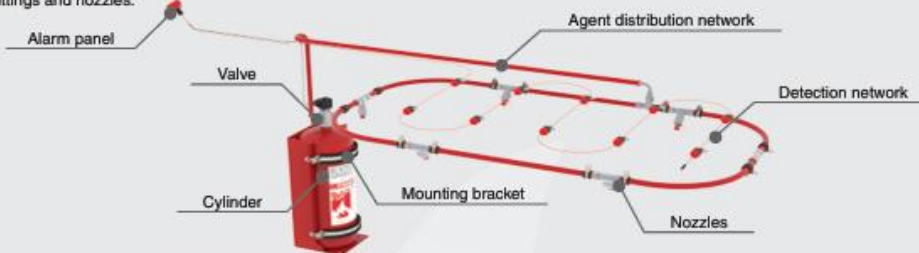
bigdogdiesel7@gmail.com

THE BIG EQUIPMENT SPECIALIST



BLAZE CUT TECHNOLOGY

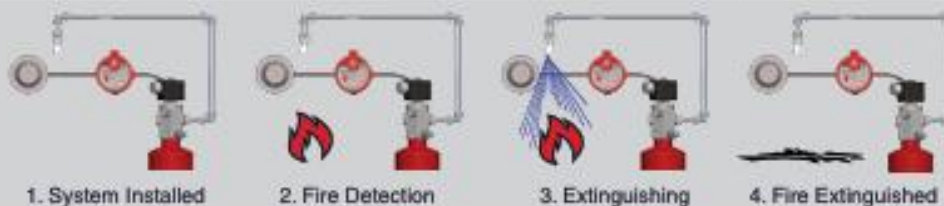
The C Series Indirect Low Pressure (ILP) system by BlazeCut is designed to protect closed, semi closed and open (fixed) spaces. Both the pneumatic and electric systems are referred to as indirect low pressure or ILP systems for short. The system can be activated by pneumatic detection or electric detection and the agent is distributed via discharge lines using distribution hoses/tubes, fittings and nozzles.



INDIRECT LOW PRESSURE SYSTEM – LINEAR HEAT DETECTION

The C Series ILP BlazeWire fire suppression solution is characterized by an electronic method of actuation. It detects heat, using a linear heat detector connected to an electric solenoid cylinder valve. The linear heat detector and the distribution network are both placed in the hazardous enclosure. When a fire occurs, the electrical circuit shorts, sending a signal to the solenoid and opening the cylinder valve. The extinguishing agent is subsequently released from the cylinder onto the protected area through the distribution network.

C Series ILP electronic systems can be customized for use in different operating temperatures. It can employ several different types of electronic detection methods including BlazeWire, heat probe, heat detector, smoke detector, and heat/smoke detectors. Additionally, actuating the system can be automatic, manual, or both. It is possible to delay the discharge or manual-discharge only. Numerous add-on devices are available for this system.



SYSTEM OPERATION

INDIRECT LOW PRESSURE SYSTEM – LOSS OF PRESSURE

The C Series ILP systems are cylinder-based fire suppression solutions, designed for medium and large, fixed and mobile installations. Application examples include buses and coaches, various industrial and rail vehicles, (mobile) heavy machinery, CNC machines, commercial kitchens, and many others. ILP systems are highly customizable. They offer options of manual or automatic actuation, a choice of extinguishing agents and optional components. Their fire detection network and suppression agent distribution network are separated. The distribution network consists of hoses, tubes, fittings, and nozzles.

