



Fire Extinguisher Valve Company Ltd

PRODUCT FOCUS

Benefits of FX G-TEC (gas)

To achieve all our FIA homologation approvals our fire extinguisher systems are put through the FIA defined fire tests and witnessed by the British Standards and the Motor Sport Association.

- Our FX G-TEC (gas) FIA homologated fire extinguishers are the replacement for BCF/HALON (gas) equipment.

Safety

- Our FX G-TEC (gas) products are classed as clean agents worldwide by accepting bodies, and are non-toxic, non-corrosive, non-carcinogenic, and electrically nonconductive and have an ozone depletion potential (ODP) of zero, making our FX G-TEC (gas) fire extinguishers the winning choice for motorsport teams and individual enthusiasts.
- The bottle is not under constant pressure. (Remote System Only)
- Less delay on activation than dip tube systems; virtually instantaneous.
- More efficiency + better performance = improvement in protection & safety.

Performance

- Using our FIA regulated fire test rig we found that weight for weight **FX G-TEC (gas)** is at least 50% more efficient at killing fires than AFFF.
- By using our **+ADS (Advanced Discharge System)** bladder the flow rate is constant throughout discharge and all the extinguishing agent is expelled whatever the attitude of the car.
- Operating pressure is approximately 1.5bar less than conventional systems.
- **FX G-TEC (gas)** is 100 times more effective as a cooling agent than other products; freezing point is -100° C.
- Minimal residue after use – no deposits on hot metal and electronics.

Packaging

- Due to the efficiency of the **FX G-TEC +ADS** system the fire extinguisher bottle is very compact (typically a Remote charge system 211mm long, 101mm diameter). The average size of a 4-litre AFFF bottle is 370mm long, 190mm diameter.
- The remote charge device comprises of a small CO2 cartridge in its own detonator capsule (119mm x 24mm) and is separate to the main bottle.

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Weight Savings

We have homologated our **FX G-TEC +ADS** plumbed systems from as small as 1.5kg up to 1.8 kg in Mechanical Electrical and Remote Charge, and 2.0kg and 3.0kg in remote charge only; they are suitable for all types of cars. The savings in weight over equivalent AFFF systems is up to 2kg. The choice however is dependent on individual team requirements.

Advanced Discharge System +ADS - *our* unique system comprises of a rubber bladder containing the extinguishing agent inside the bottle. When the system is activated the bottle is pressurised and the extinguishing agent is forced out of the bladder in a controlled pressure discharge, using this method to discharge the system is a weight saving

The Remote Charge (unpressurised systems only) – is a separate aluminium canister with a detonator and replaceable CO2 cartridge. When activated the gas pressurises the extinguisher bottle and the extinguishing agent is forced out of the rubber bladder, using this method is a weight saving.

Handheld Fire extinguishers

FX G-TEC +ADS in our hand held fire extinguishers benefit from all the advantages that our plumbed systems have, performance and weight savings

FX G-TEC +ADS handheld extinguishers are FIA approved in 2kg (minimum) size for use from 1st January 2003.

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