

# Being Environmentally Friendly – Halon 1301 to FM200

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*“We will be sensitive to the environments in which we work and endeavour to meet any aesthetic requirements without compromising on efficiency or safety.” (Tecserv UK Limited, 2013)*

Halon 1301 and FM200 are chemical agents that extinguish fire through a fire suppression system. These agents suffocate the fire by eliminating an element out of the fire triangle, meaning the fire can not exist without all three elements of fuel, oxygen and heat.

There is no compromise when it comes to saving the environment. In 1994, when the Clean Air Act was established, the production of Halon ceased to exist. Halon was not necessarily harmful to the human body, however when released it would stay in the Earth's atmosphere, therefore harming the Earth's ozone layer. Obviously Halon 1301 was a fire extinguishing method and needed to be replaced but the replacement needed to be verified by the Clean Air Act. Hence, FM200 was born. Here at TecservUK we are devoted to being environmentally conscious as well as top of our profession.

FM200 is proven to have zero ozone depletion potential. FM200 is quick and effective, it also does not reduce oxygen levels in the atmosphere; this will not result in death, however, palpitations and other symptoms may occur due to other elements within the endangered area. With Halon 1301 you would not have been able to sustain live within the risk area as it had a high CO<sub>2</sub> count.

Being a fire and security solutions company we want to do what we can to help the environment and like any other business we are jumping on the 'green' bandwagon. Especially when it comes to maintenance and installation we take any step possible to help save the environment without compromising the quality of the service.

TecservUK have taken on many projects over the years to make our own environment clean and green. These projects include getting more economical and environmentally friendly vehicles for our engineers, installing energy saving heating within the building and we have teamed up with Shred-it to calculate how much paper we are using and recycling. Our recent update from Shred-it has informed us that last year we saved 14 trees.