



SFFECO.com



BacPac; A lightweight, comfortable, portable fire suppression kit, designed to tackle every class of fire.

BacPac



WaterMist Fire Technology

A Powerful and Multipurpose Genuine Low Pressure WaterMist System.

Water has always been used in the battle against fire, one element against another; but now with the development of fire fighting technology the SFFECO BacPac can tackle every type of fire, including class F fat fires. The genuine low pressure WaterMist discharged by the BacPac is perfectly safe for use in highly populated locations, around or directly on humans and animals.

By applying low pressure, fine water droplets, known as 'WaterMist' over and around the fire, SFFECO BacPac technology suffocates the fire, removing the oxygen and free radicals. The removal of the fire's feeding points extinguishes the flames within seconds; the properties of the WaterMist technology provides a continuing cooling effect upon the area, rapidly reducing the temperature and preventing the fires re-ignition.

BacPac WaterMist operates at a genuine low pressure, atomising into billions of droplets, as small as 55 microns in size. Using cutting edge, intelligent technology allows the WaterMist system to tackle a blaze with a consistent droplet size and kinetic energy, essential to the effective control of class A, B, C, electric and F fires.

BacPac

The BacPac from SFFECO:
A lightweight, comfortable, cost-conscious, portable fire suppression kit, designed to tackle every class of fire, including class F fires.



Portable Fire Suppression

SFFECO is committed to the research and development of cutting-edge products for the fire fighting industry; through a dedicated development program we have been able to harness the power and simplicity of the previously prohibited natural element 'water' in the extinguishing of all fires, including class B and class F fires.

Combining the patented Telesto Pulsing Diptube and the SFFECO Discharge Gun; developed especially for the BacPac, we have successfully created a product that delivers a consistent, low pressure droplet flow using significantly less water to extinguish a fire; making the BacPac ideal for rapid reaction, single-person response situations.

The WaterMist, used in the BacPac is pure demineralised water and naturally contamination free, making it ideal and safe for discharge in confined or highly populated locations. The engineering behind the BacPac WaterMist ensures that the damaging effects from smoke and flooding are all but eradicated.

*Manufacturer recommendation: to achieve maximum results pure water is suggested; should any other class of water be used a system clean is recommended.

Technical Specification

Harness Kit

Antibacterial heavy duty PVC fabric and coated webbing

Military cover, fireproof harness

Cylinders

2 x stainless steel cylinders and piping

Composite cylinder option available upon request

Trigger

Manually activated light weight WaterMist dispensing gun

Capacity

11 litres

Agent

Pure demineralised water (chemical-free)

Charge Propellant

Nitrogen

Working Pressure

15bars (stored pressure)

Range

3 metres or 10 metres

(10 metres using water jet only)

Discharge Time

Continuous 1 minute – controlled by trigger

(extinguishing tests using 5 burning tyres presented a 20 second extinguishing time)

Total System Weight

23kg (lighter composite cylinder option available)



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FIGHTING FIRE
WITH
TECHNOLOGY
IS OUR
HERITAGE



SFFECO , with its 30 years of experience has always been a progressive organization that has remained in the forefront of the Fire Fighting Industry with innovative, unconventional, environmental friendly, re-engineered and unique products.

SFFECO in its state-of-the-art manufacturing plants in **RIYADH & DUBAI** works in close connections with renowned governmental and certification bodies to provide key answers to the challenges faced by the society.

SFFECO brings together over 3-Decades of expertise and experience in form of **DESIGN, CONSULTANCY, MANUFACTURING, SUPPLY, INSTALLATION, TESTING, COMMISSIONING, MAINTENANCE & REFURBISHMENT** of fire protecting and fire fighting system.

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