



FIREXPRESS[®]

First Strike Fire Fighting



Firefighting Backpack 10-2

The Fireexpress fire fighting backpack is a self-contained unit with 10 litres capacity for premixed water and foam. The unit is driven by compressed air delivered from a composite material air tank filled to 300 bars. The atomization and aspiration are made by the use of the compressed air. A pressure safety valve (370 bars) is mounted in the valve of the air tank.


The pressure of the air is reduced to 8.5 bars in a pressure regulator before it enters the water tank. A pressure safety valve (12 bars) is mounted in the pressure regulator. When the air enters the water tank, it forces the water downwards and up into a tube inside the water tank and into a 1.2 metre discharge hose, which is connected to the Fireexpress lance.

The lance is operated via a pistol grip. The lance used with the backpack is a shorter version of the normal Fireexpress lance designed for easier manoeuvring in confined areas but with almost all the same features and benefits.

As the water supplied to the discharge hose originates from the bottom of the water tanks, only water is supplied into the hose. No air is forced into the hose as long as there is water in the tanks.

It is able to deliver more than 10 litres per minute at a range of 6-7 metres in spray mode or more than 24 litres per minute at a range of 16 metres in jet mode.

The backpack is the optimal solution when the fire fighter has to get to the fire through very narrow passageways like corridors on a ship or staircases in a building.





First Strike Fire Fighting

Brand and model:	Firexpress Backpack 10-2 with Firexpress patented "CAFS" system
Mist technology:	Atomization & aspiration through compressed atmospheric air
Pressure source:	3.0 litre air tank made of carbon composite fibre for 300 bar pressure
Working pressure:	Preset at 8.5 bars
Spray device:	Short Firexpress lance with dual nozzle
Lance measurement:	65 cm long
Spray options:	Spray and jet
Stream options:	Continuous stream or manual pulsing
Water/foam cylinder:	10 litre water/foam tank made of a stainless steel
Flow:	More than 10 litres per min. at spray mode More than 24 litres per min. at jet mode
Operating time	Less than 24 sec at jet mode Less than 60 sec at spray mode
Lancing distance	16 m at jet mode 6-7 m at spray mode
Recommended foam solution:	3% AR-AFFF (alcohol resistant) foam solution, premixed in water
Discharge hose:	1.2 metre 1/2" hose
Hose type:	Oil and temperature resistant (-40° C up to +100° C) as per type 2TE of EN 854 standard
Carrying device:	Ergonomic designed back shield with adjustable shoulder and waist straps
Safety features:	Pressure safety valve (12 bar) for water tanks Pressure safety valve (370 bar) for air tank
Optional accessories:	Air tank, filling kit, valve with pressure gauge for air tank, cleaning tip.
Dimensions (D x W x H):	22 x 35 x 70 cm with 3.0 litre air tank for use without breathing apparatus
Weight:	26.8 kg fully operational
Fire fighting capability and certifications:	Able to fight class A, B, C and E fires Tested according to EN 3-7 standard Electrical fires up to 10,000 volts
Country of origin:	Denmark (EU)
Manufacturer standard:	EN 854, ISO 9001, Directive 2006/42/EC