

Can training with the AirElite be more realistic?

The newly developed KO₂ training kit for the AirElite long-range breathing apparatus offers the most cost-effective training in a real firefighting or mine rescue scenario.

This latest state-of-the-art development of a cost-effective training kit for the AirElite 4h, now enables MSA to offer the option to adapt training to the customer's needs, whatever the circumstances. Firefighters and mine rescue teams all over the world can now select one of several different training options. The AirElite range is suitable for all training scenarios, enabling training to be carried out while breathing ambient air or independent of ambient air conditions. For training purposes, the AirElite long-range system can be converted for several different training options and vice versa. By using the new KO₂-based set of 2-hour training canisters, the user is able to undergo training in real fire scenarios in a controlled environment independent of the ambient air.



The training set offers a capacity of 120 minutes at a breathing rate of 40 l/min., providing the user with the same high quality of air as the real device. It has been proven that the user will be most comfortable with oxygen consumption greater than 80% and low humidity between 20% and 40%, thereby limiting the physical exertion required. The set weighs less than 15 kg and has excellent ergonomics with most of the weight borne by the hips.

We can now offer several different filter sets for the HD standard training canister for training in heavy dust scenarios. These options include P3 for particle filtration only, P3 OR with additional odour removal or even an A1 gas filter. They make the AirElite HD Trainer a unique training set wherever it is used. With all options mirroring the weight of the genuine system, and putting the system on and taking it off in the same way, the user can be assured that they will be well prepared for using the AirElite in a real-life incident.



With technical values such as -1.5 mbar inhalation and +3 mbar exhalation resistance at 30 l/min with Advantage filters, the AirElite provides the same amount of resistance for training as when using the real 4-hour canisters.