

QUESTIONS & ANSWERS

FLITE COV SUPPLIED AIR RESPIRATOR

QUESTION

What does the COV in Flite COV stand for?

ANSWER

COV = Change Over Valve

QUESTION

What standard is the Flite COV approved to?

ANSWER

It is approved to EN14593-1 as an airline set and then additionally EN402 when fitted with an escape cylinder

QUESTION

What is the difference between EN14593-1 and EN139?

ANSWER

The major difference between the two standards is that EN14593-1 requires the set to have an automatic switch over device fitted if the product is to be fitted with a cylinder.

QUESTION

What does the switchover device do?

ANSWER

When the Flite COV is connected to an airline system with sufficient pressure in it, the switch over device allows the cylinder hand wheel to be opened therefore switching the cylinder on. The change over valve stops the air from the cylinder entering the breathing system until the airline pressure drops to a certain level at which point the air is released. This means that if the airline fails the user does not have to activate their cylinder as it is already open.

QUESTION

How do I know whether I am breathing airline air or cylinder air?

ANSWER

When the COV activates and the user is breathing a whistle will sound to ensure the user knows they are now breathing from their escape cylinder and they should exit the area.

QUESTION

What airline pressure does the COV operate at?

ANSWER

The COV will change over from airline to air to cylinder air when the airline pressure drops below 6 bar

QUESTION

How loud is the whistle?

ANSWER

The standard requires the whistle to sound at a minimum level of 90dB measured at the ear.

QUESTION

How much air is allowed to be used by the whistle?

ANSWER

The standard states that the whistle must use less than 5lpm of air.

QUESTION

What airline couplings are available for the FLITE COV?

ANSWER

We can supply the FLITE COV with male CEN pattern, Foster/Hansen mil spec, Hansen HK or Staubli couplings.

QUESTION

What escape cylinder durations are available?

ANSWER

Escape cylinders for the Flite are available in durations of 10 and 15 minutes.

QUESTION

Is a light weight escape cylinder available?

ANSWER

Yes an escape cylinder with a composite cylinder shell is available giving a duration of 10 minutes.
