

deFcon® 40 T

...built to save lives!

The "deFcon® 40 T" foam decontamination compact system for the NBC decontaminations



deFcon 40 T unit "New Model"

deFcon 40 T unit "Previous Model"

The "deFcon® 40 T" unit had been developed for the fast and efficient decontamination of

N = nuclear,
B = biological and
C = chemical contaminations.

This mobile and compact device can be integrated into i. e. HazMat trucks. The device works with the highly efficient foam decontamination method and in connection with our special decon additives it is suitable for fulfilling these tasks.

The deFcon 40 units are successfully used for several years now from many fire brigades and organisations home and abroad for fulfilling the above mentioned tasks during operation.

Our revised deFcon® 40 T unit offers the following advantages compared to the similar "previous model"

- better handling of the unit
- hose and nozzle bracket
- compatible cylinder bracket for all conventional SCBA cylinders
- the SCBA cylinder and the canister (empty) can remain connected in the unit during transport
- as the deFcon® 40 T unit is completely pre-assembled, it is only necessary to fill the canister with water and the suitable deFcon® additives for operating the unit

Basic advantages

- one man operation by clear specifications (mixing table) for the different contaminations
- lowest quantities of water and decon additives - therefore environment friendly; minimum disposal effort (less than 10 % of the previously usual water quantities)
- no power supply necessary due to the pneumatical systems
- no aerosol formation when generating the foam, therefore no spreading of the contamination
- device can be "self-decontaminated"





The "deFcon 40 T" unit consists of:

- 20 l DIN canister with quick connection for the components to be mixed
- compressed air driven pump for the supply of the water-chemicals-mixture
- mixing chamber for generating the decon foam
- storage of the compressed air cylinder (without cylinder), for driving the pump and for the foaming
- pressure reducer 200/300 bar for SCBA cylinder
- hose with nozzle for the foam discharge which can be shut off
- measuring cup for decon foam additive and other decon additive for producing the liquid to be mixed

The "deFcon® 40 T" can foam approximately 8 sqm/min at a flow rate of approximately 4 lpm. The decontamination capacity with one tank filling is approximately 40 sqm. It is possible to discharge up to 4 tank fillings with one compressed air bottle 6 l/300 bar.

Order information:

- # 101915 "deFcon® 40 T"
Foam decon compact device, mobile
- # 102172 "deFcon® 40 T"
Small foam decon device, portable
- # 364013 Compressed air cylinder IS-ST (steel)
6 l/300 bar with level gauge



deFcon® 40 T portable small foam decon unit in plastic case for the decontamination of equipment

The portable small foam decon unit will be pneumatically driven by an air cylinder 6 l/300 bar. Due to the small dimensions it is possible to retrofit the small decon unit into every hazmat or measuring truck. The decon additives for the decon system depend on the fields of application.

Available are:

- # 600133
T1 foam decontamination additive applicable along with B2
- # 667017
T2 foam decontamination additive applicable along with B1 and C1
- # 600060
C1 decontamination additive for the chemical decontamination, applicable along with T2
- #600096
B1 decontamination additive for the biological decontamination (disinfection), contains formaldehyde, applicable along with T2
- # 600097
B2 decontamination additive for the biological decontamination (disinfection), contains formic acid, applicable along with T1

For operations of major complexity we provide the "deFcon 200" foam decontamination unit for a continuous use. This unit has a proportioner, water supply and an electrically driven compressor. The mixing of a deFcon® 40 T dilution and the connection of a compressed air supply are not necessary. Due to its dimensions, the weight and the required water supply, the unit is more suitable for the stationary use or mounted on a mobile trolley for the mobile application.

Disclaimer
The determination and composition of the data as well as the evaluation about the deFcon® 40 T system had been realised with high diligence. However, we assume no liability for mistakes and errors as well as for consequences thereof!



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