

# COMP – TRADE

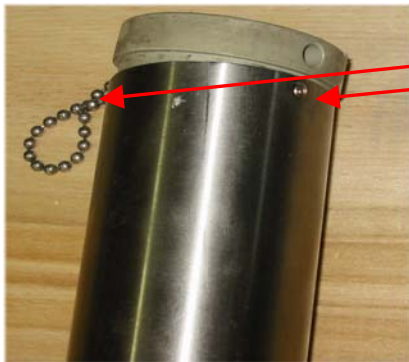
Feuerwehr- und sicherheitstechnische Ausrüstung

## INSTRUCTION MANUAL FOR REPLACEMENT OF CHEMICALS CHARGES IN FILTER CARTRIDGE D 70-500

Comptrade Filter Cartridges are made in such a way that the chemical charges can be replaced either by the user or by the supplying company when using renewed cartridges (see cartridges list )

To replace the chemical charges, follow the instruction below

### 1. Removing :



Remove the cartridge head by pressing the two spring loaded pins with a small screwdriver to inside



Remove the chemical charges by blowing them out with a air blow gun. In case there is no air flow gun available shake the cartridge or use a removing hook



In case there is no air blow gun available shake the cartridge or use a removing hook

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## 2. Refilling of the cartridge

### A. Necessary Material for 1 cartridge D 70-500



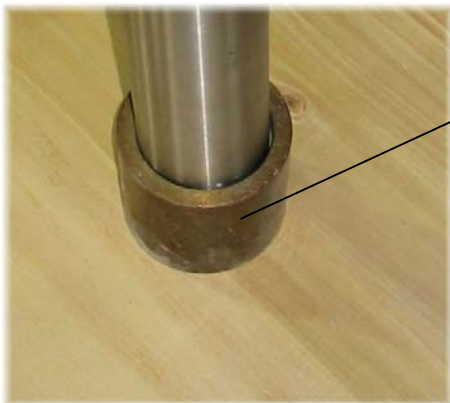
Molecular sieve  
~ 0,75 cm<sup>3</sup>, pre-packed in  
sections in the filling set



Active carbone  
~ 0,25 cm<sup>3</sup>, pre-packed in  
sections in the filling set



5 Felt discs  
pre-packed one section in the filling set



cartridge holding  
device



filling tool

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Picture 1



Put the empty cartridge housing in the cartridge holding device (to avoid damages on the cartridge pin ) Insert metal hole plate and felt disc by using the filling tool

Picture 2



Fill  $\sim 0,25\text{cm}^3$  molecular sieve = 1 section in the pre-packed filling set

Picture 3



Tighten the material by using the filling tool

Picture 4



Insert felt disc by using filling tool

Picture 5



Fill  $\sim 0,25\text{cm}^3$  active carbon = 1 section in the pre-packed filling set

Picture 6



Tighten the material by using the filling tool

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Picture 7



Insert felt disc by using filling tool

Picture 8



Fill ~ 0,25cm<sup>3</sup> molecular sieve = 1 section in the pre-packed filling set

Picture 9



Tighten the material by using the filling tool

Picture 10



Insert felt disc by using filling tool

Picture 11



Fill ~ 0,25cm<sup>3</sup> molecular sieve = 1 section in the pre-packed filling set

Picture 12



Tighten the material by using the filling tool

Picture 13

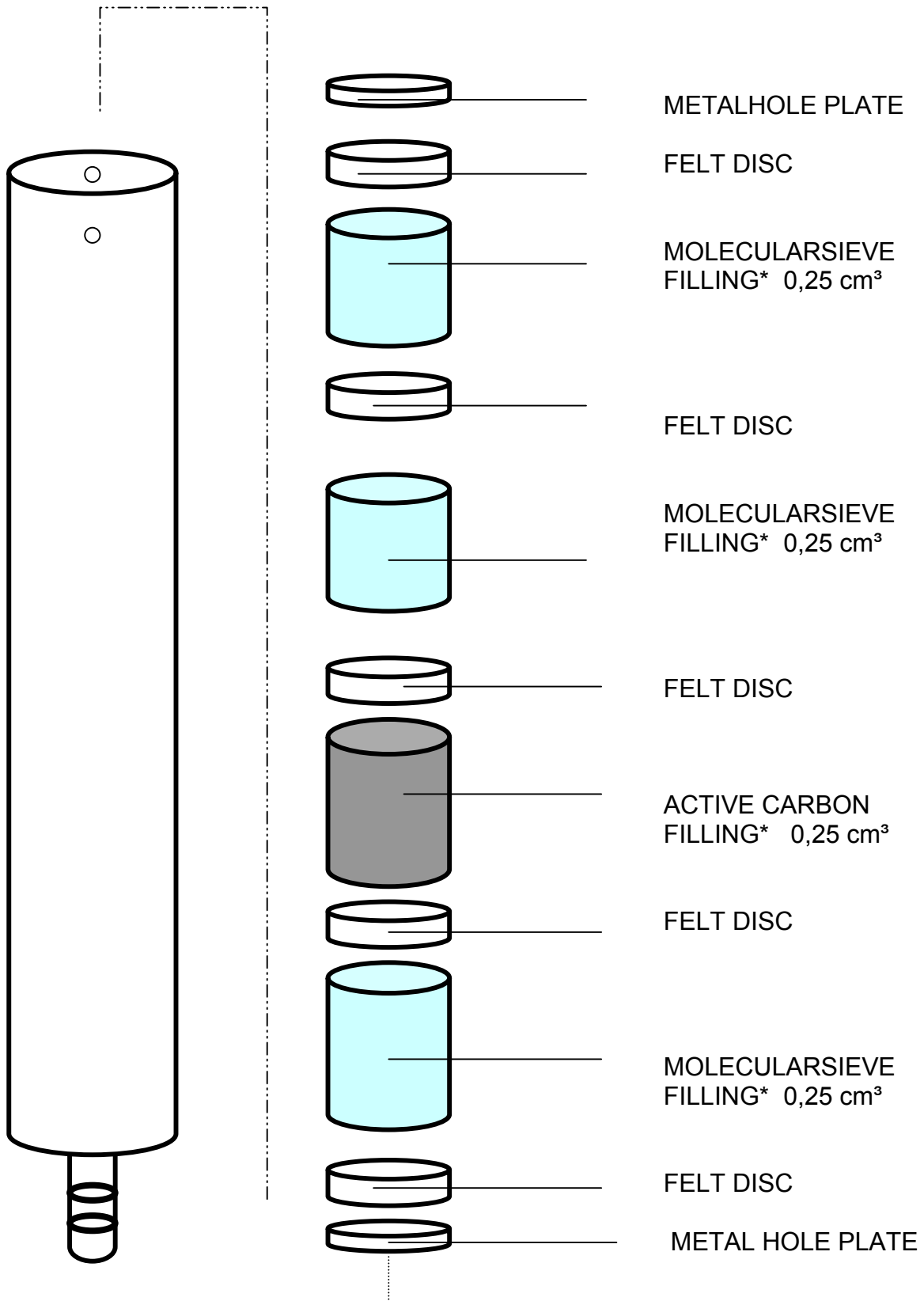


Insert felt disc and metal plate and then the cartridge head by pressing the 2 spring loaded pins in the head body and position the head into the cartridge housing. Make sure, that the 2 pins are correct into their position

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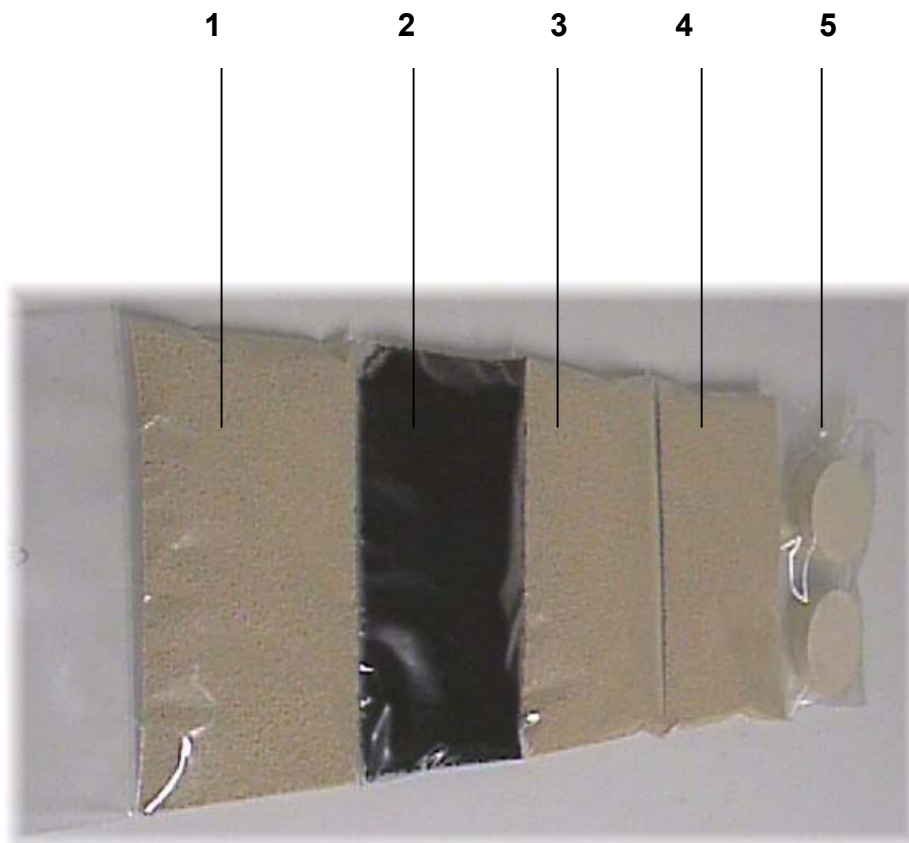
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## Chemicals for cartridge D70-500



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## Filling set with 5 sections of pre - packed cartridge material



- |   |                                |                        |
|---|--------------------------------|------------------------|
| 1 | section Molecular material     | ~ 0,25 cm <sup>3</sup> |
| 2 | section active carbon material | ~ 0,25 cm <sup>3</sup> |
| 3 | section Molecular material     | ~ 0,25 cm <sup>3</sup> |
| 4 | section Molecular material     | ~ 0,25 cm <sup>3</sup> |
| 5 | section 5 pcs felt discs       |                        |