



# Standard filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** converts ethanol to aldehydes, brownstone, water and soda.

The chemical process continues to convert aldehydes and water to acetic acid, brownstone and soda.

The process continues to convert acetic acid and soda to salt and water. Salt, brownstone and soda remains in the main filter as a chemical bond.

**Step 3** → The **dust filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.



# Clean room filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** converts ethanol to aldehydes, brownstone, water and soda.

The chemical process continues to convert aldehydes and water to acetic acid, brownstone and soda.

The process continues to convert acetic acid and soda to salt and water. Salt, brownstone and soda remains in the main filter as a chemical bond.

**Step 3** → The **second micro filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.



# MEK filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** converts ethanol to aldehydes, brown stone water and soda.

The chemical process continues to convert aldehydes and water to acetic acid, brown stone and soda.

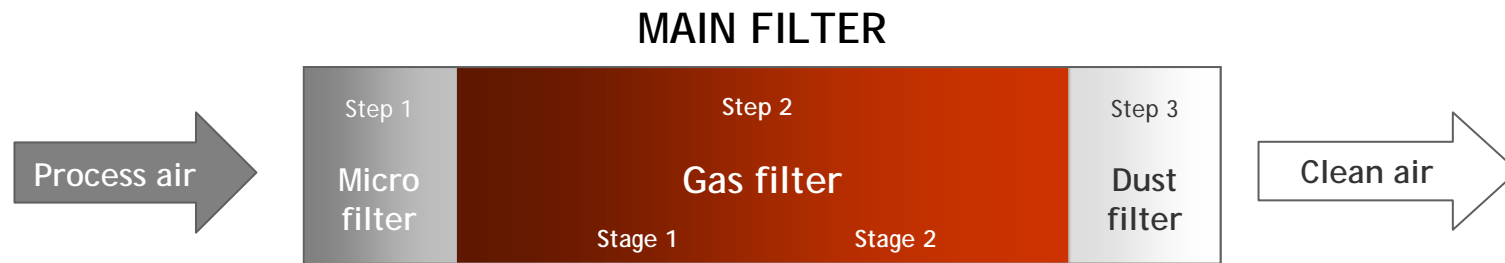
The process continues to convert acetic acid and soda to salt and water. Salt, brown stone and soda remains in the main filter as a chemical bond.

**Step 3** → The **dust filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.



# Epoxy filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** stage one adsorbs gases in activated carbon media.

Activated impregnated carbon in **stage two** oxidises the amides.

**Step 3** → The **dust filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.



# CO<sub>2</sub> filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** converts CO<sub>2</sub> to calcium carbonate and water.

**Step 3** → The **dust filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.



# Ammonia filter for MG units



**Step 1** → The **micro filter** cleans the polluted air from particles.

**Step 2** → A chemical process in the **gas filter** converts ammonia to ammonium phosphate.

**Step 3** → The **dust filter** cleans the air from gas filter particles.

**Step 4** → The **cleaned air** leaves the filter unit with a small amount of water.