

# ABE1P COMBINATION FILTER

for swiss air P APR



PROTECTING  
PROFESSIONALS

## Technical data

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| Article number                                  | 4088.450   |
| Product description                             | With the ABEIP combination filter, your swiss air PAPR system protects you from chemicals and particles in one:<br>Organic and inorganic gases and vapours,<br>Acid gases and vapours,<br>- Sulphur dioxide and<br>- Particles   |
| Compatible                                      | swiss air (filter cover – 4556.091 required for use)   |
| Filter type                                     | TH3 ABE1 P R SL and TM3 ABE1 P R SL<br>A Brown Certain organic gases and vapours with a boiling point > 65°.<br>B Grey Certain inorganic gases and vapours (except carbon monoxide).<br>E Yellow Sulphur dioxide and other acid gases.<br>P White Particles, dust, solid and liquid aerosols.<br>(Protection classes according to EN 12941:1998/A2:2008 and EN12942/A2:2008) |
| Standards                                       | EN 12941:1998/A2:2008 – TH3 A1B1E1 P R SL<br>EN 12942:1998/A2:2008 – TM3 A1B1E1 P R SL   |
| Notified body                                   | 1024   |
| Recommended air humidity range in the workplace | < 90% RH   |
| Storage temperature                             | -10 °C to +55 °C humidity < 90% RH   |
| Scope of delivery                               | Combination filter, pre-filter, operating instructions   |
| Packaging                                       | Airtight sealed trilaminate pouch in cardboard outer packaging   |
| Weight  | 360 g  |
| Durability                                      | 7 years  |
| Usage restrictions                              | Do not use if the oxygen content in the atmosphere is less than 17% or if there is an immediate danger to life or health (IDLH).<br>Use exclusively in conjunction with the air-purifying respirator optrel swiss air. The filter capacity reduces when used in humid environments (> 80% RH) with high temperatures (> 40°).  |
| Areas of application                            | Combination filter (gas and particle filter): Traps gases, vapours, aerosols, smoke, particles and viruses. Recommendation for welding applications.   |
| Upgrade kit                                     | Upgrade kit contains: Combination filter, larger filter cover, pre-filter and spark guard suitable for swiss air.  |

