

Clean-air®

C h e m i c a l

A powered respiratory system for use against gaseous contaminants as well as their combination with particle pollutants. The unit is designed for standard filters with screw Rd40*1/7" acc. EN 148-1.

Two variants of CA Chemical:



Chemical Dual-Flow

A durable and powerful unit producing air flow of 200 l/min or 160 l/min according to the chosen regime:

The TURBO regime with the air flow of 200 l/min is especially valuable for users during hard work while the ECO regime with the air flow of 160 l/min reduces the airstream to the face piece and prolongs the operating time.



Chemical Flow-control

The unit is equipped with the latest electronics system to enable 2 operating modes and three airflow levels for each mode. The keyboard with pictograms makes the unit easy to operate.

Mode 1 - masks: the flow rate can be adjusted from 60 to 100 l/min.

Mode 2 - hoods : the flow rate can be adjusted from 125 to 160 l/min. The electronic system also ensures acoustic and visual alarm for low battery or blocked filters, current stage of battery capacity and filter clogging can be checked simply by touching the button.

Technical specification.:	CA Chemical Dual Flow	CA Chemical Flow control
Air flow:	*160 l/min - 140 l/min - ECO regime	60,80,100 l/min - mode masks
	*200 l/min - 180 l/min - TURBO regime	120,140,160 l/min - mode hoods
Weight: (incl. battery, w/o filters)	1050 g	1150 g
Noisiness:	max. 62 dB	max. 62 dB
Operating duration:	**6,5-12 h	**4-12 h
Battery type:	NiMH 6V/4,5Ah	NiMH 7,2V/4,5Ah
Certification:	EN 12 941	EN 12 941, EN 12 942

*with fully charged battery and clean filters **parameters depend on the chosen operating regime

Filters for Clean-air Chemical unit

Canister type filters with screw RD40 acc.EN148-1. Approval to EN141 or EN143 makes filters suitable for full face masks and half masks without air supply system. When used with CA Chemical unit it is necessary to have 3 filters of the same type.

Particle Filter	
	Type: P3 Colour code:  Area of application: dust particles, solid and liquid aerosols, toxic smoke Certification: EN 12941, EN 143 Diameter/height: 110 mm/ 50 mm Weight: 83 g
	Type: A2 Colour code:  Area of application: organic gases and vapours with a boiling point above 65° C Certification: EN 12941, EN 141 Diameter/height: 110 mm/ 78 mm Weight: 225 g
	Type: A2B2E2K2 Colour code:  Area of application: organic gases and vapours with a boiling point above 65° C + inorganic + acid gases and vapours (eg.sulphur dioxide) + ammonia and organic ammonia derivatives Certification: EN 12941, EN 141 Diameter/height: 110 mm/ 78 mm Weight: 312 g
	Type: A2P3 Colour code:  Area of application: as A2 filter + against dust particles, solid and liquid aerosols, toxic smoke and ozon Certification: EN 12941, EN 141 Diameter/height: 110 mm/ 95 mm Weight: 275 g
	Type: A2B2E2K2P3 Colour code:  Area of application: as A2B2E2K2 filter + against dust particles, solid and liquid aerosols, toxic smoke Certification: EN 12941, EN 141 Diameter/height: 110 mm/ 95 mm Weight: 360 g
	Type: A2B2E2K2HgPSL Certification: EN 12941, EN 141 Combined filter for specific use against mercury vapor.

Useful accessories:



- prefilter
- prefilter keeper

Special offer:

filter with two RD40 threads
details upon request

