PAPR And Supplied Air

1.Clean Air basic
2.Clean Air Chemical
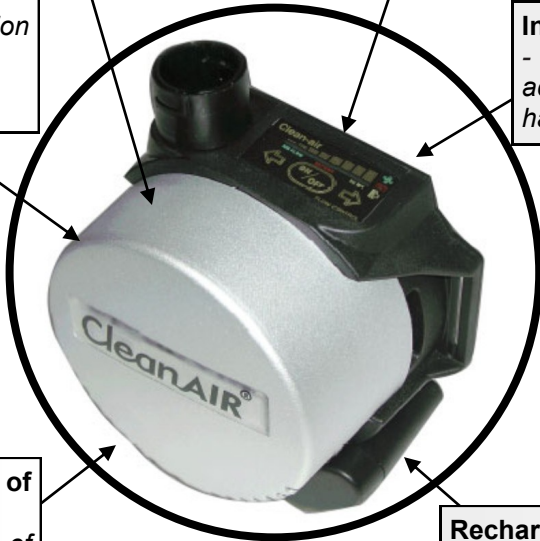3.Clean Air Pressure
4.Clean Air Hoods

CleanAIR® Basic 2000

Designed specially for particle filtration
- Use for dust, non-toxic and toxic fumes, solid and liquid aerosols, bacteria and viruses

User-friendly design
- Intuitive control panel with well -arranged pictograms

Light weight
- Can be used for long duration applications
- Good comfort to wearer

Intelligent warning system
- Warns the user with a visual and acoustic signal for any potential hazard

Compatible with whole range of CleanAIR® headpieces
- Can be used in a wide range of applications

Rechargeable battery
- Ensures operations for up to 10 hours

Dual operating modes:
With two operating modes ECO (160 l/min) and TURBO (210 l /min) The ECO mode gives the user lower but still sufficient air flow and prolongs the operating time. Air flow limit can be checked with included flow indicator. The TURBO mode is optimal for hard and long-term tasks in hot areas.

Technical specification:	CA Basic 2000 Dual Flow	CA Basic Flow Control
Initial flow rate	*140 l/min - 160 l/min - regime ECO	140-210 l/min
Final flow rate	*180 l/min - 200 l/min - regime TURBO	8 optional levels
Weight (incl. filter and battery)	Approx. 900g	Approx. 900g
Filter type	PSL	PSL
Filter efficiency	99.998%	99.998%
Noisiness	Max. 61 dB	Max. 61 dB
Operating duration	**6-9 h	**6-10 h
Certification	EN 12 941 TH1 PSL	EN 12 941 TH2/TH3 PSL

* With fully charged battery and clean filters. ** Parameters depend on the chosen air flow level.

CleanAir Basic filter
Filtering Efficiency > 99.9998%
Temperature range for storage and service: 0°C to + 40°C
Dimensions: (diameter / height): 132 / 55 mm
Weight: 100 g

$\mathsf{C}\mathsf{E}$
Certification: EN 12941
Colour   : White
Item Code : 13017
Packaging : 1 set

Belt Standard
Easily adjustable, secure and durable belt made of high quality materials is a basic accessory.

$\mathsf{C}\mathsf{E}$
Certification: EN 12941
Colour   : White
Item Code : TRA 038
Packaging : 1 set

Belt Super
Option for users, who like more comfort and increased back support.

$\mathsf{C}\mathsf{E}$
Certification: EN 12941
Colour   : White
Item Code : TRA 041
Packaging : 1 set

Odor filter
Removes unpleasant odors and thus provides additional comfort odor filter

$\mathsf{C}\mathsf{E}$
Certification: EN 12941
Colour   : White
Item Code : TRA 043
Packaging : 1 set

Battery
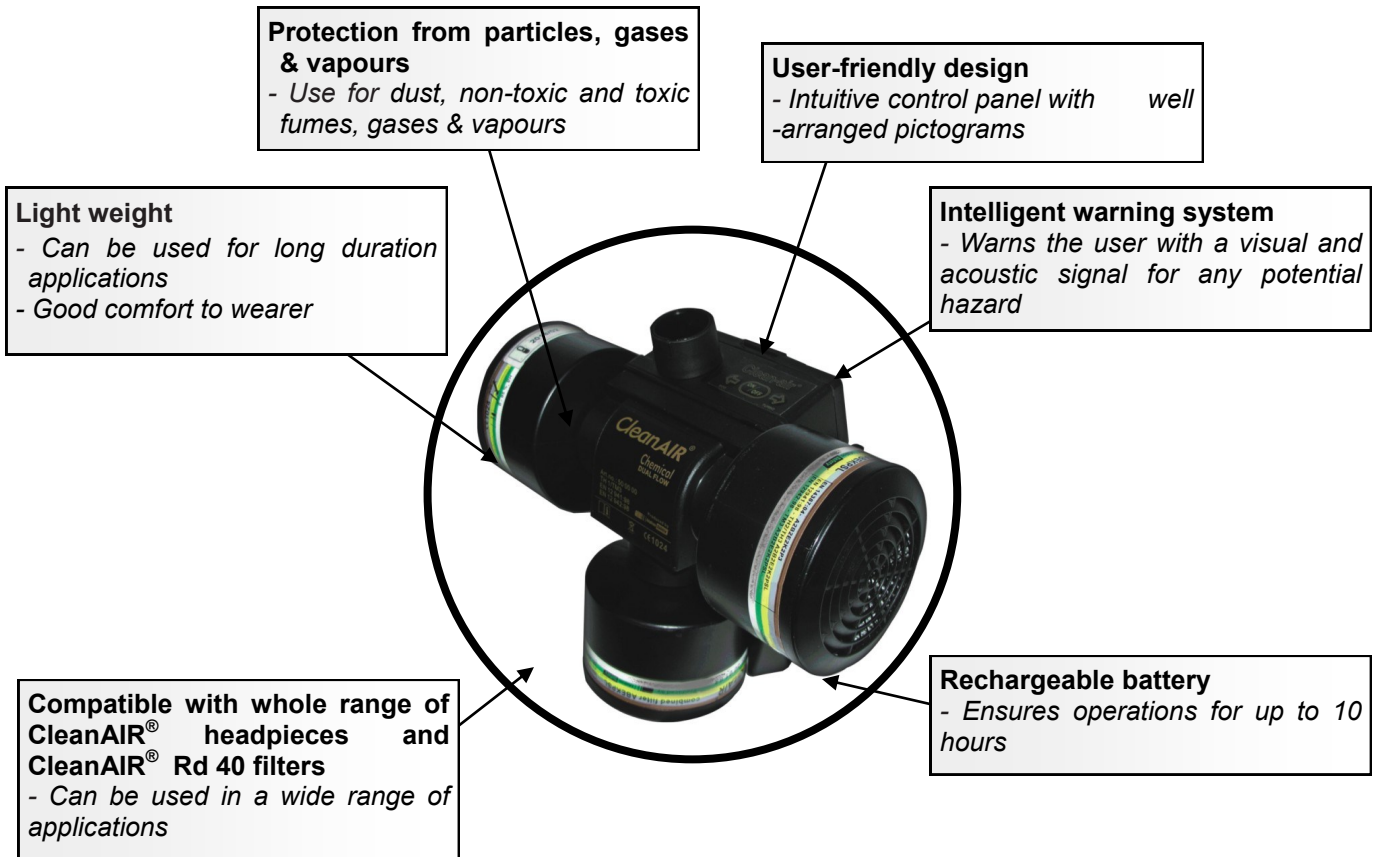Exchangeable NiMH battery, which can be charged on or of the unit.

$\mathsf{C}\mathsf{E}$
Certification: EN 12941
Colour   : White
Item Code : TRA 001
Packaging : 1 set

CleanAIR® Chemical

Protection from particles, gases & vapours
- Use for dust, non-toxic and toxic fumes, gases & vapours

User-friendly design
- Intuitive control panel with well-arranged pictograms

Light weight
- Can be used for long duration applications
- Good comfort to wearer

Intelligent warning system
- Warns the user with a visual and acoustic signal for any potential hazard

Compatible with whole range of CleanAIR® headpieces and CleanAIR® Rd 40 filters
- Can be used in a wide range of applications

Rechargeable battery
- Ensures operations for up to 10 hours

Dual operating modes:
With two operating modes ECO (160 l/min) and TURBO (210 l /min) The ECO mode gives the user lower but still sufficient air flow and prolongs the operating time. Air flow limit can be checked with included flow indicator. The TURBO mode is optimal for hard and long-term tasks in hot areas.

Technical specification	CA Chemical Dual Flow	Chemical Flow Control
Air flow	*160 l/min -140 l/min ECO regime *200 l/min -180 l/min TURBO regime	60,80,100 l/min - mode masks 120,140,160 l/min - mode hoods
Weight (incl. battery, w/o filters)	Approx. 1050 g	Approx. 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	EN12941 TH1, EN12942 TM3	EN12941 TH2/TH3, EN12942 TM3

* With fully charged battery and clean filters. ** Parameters depend on the chosen air flow level.

CleanAIR Chemical Product List

Belt Super
Easily adjustable, secure and durable belt made of high quality materials is a basic accessory. Option for users, who like more comfort and increased back support.

$C\epsilon$

Certification: EN 12941

Colour : White
Item Code : TRA 041
Packaging : 1 set

Battery
Exchangeable NiMH battery, which can be charged on or of the unit.

$C\epsilon$

Certification: EN 12941

Colour : White
Item Code : TRA 065
Packaging : 1 set

P3
Diameter/height: 110 mm/50 mm
Weight: 83 g
Area of application: Dust particles, solid and liquid aerosols, toxic smoke

$C\epsilon$

Certification: EN 12941 / EN 143

Colour : White
Item Code :
Packaging : 1 set

A2
Diameter/height: 110 mm/78 mm
Weight: 225 g
Area of application: Organic gases and vapors with a boiling point above 65° C

$C\epsilon$

Certification: EN 12941 / EN 141

Colour : Brown
Item Code :
Packaging : 1 set

A2P3
Diameter/height: 110 mm/95 mm
Weight: 275 g
Area of application: As A2 filter + against dust particles, solid and liquid aerosols, toxic smoke and ozone

$C\epsilon$

Certification: EN 12941 / EN 141

Colour : Brown & White
Item Code : 13109
Packaging : 1 set

A2B2E2K2P3
Diameter/height: 110 mm/95 mm
Weight: 360 g
Area of application: As A2B2E2K2 filter + against dust particles, solid and liquid aerosols, toxic smoke

$C\epsilon$

Certification: EN 12941 / EN 141

Colour : Multicolour
Item Code : 13061
Packaging : 1 set

A2B2E2K2HgPSL
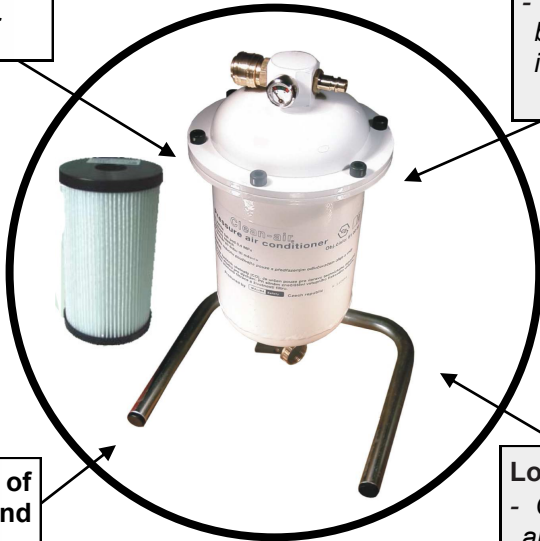Combined filter for specific use against mercury vapors

$C\epsilon$

Certification: EN 12941 / EN 141

Colour : Multicolour
Item Code :
Packaging : 1 set

CleanAIR® Pressure

High capacity combined filter
- Removes particles, adhesions like oil mists and unpleasant odors from industrial compressed air

Adjustment valve on belt
- Enables regulation of air flow between 170 and 400 l/min suiting individual needs

Compatible with whole range of CleanAIR® headpieces and CleanAIR® Rd 40 filters
- Can be used in a wide range of applications

Low noise level & Light weight
- Can be used for long duration applications
- Good comfort to wearer

Technical Specification	CA Pressure	CA Pressure Flow Control
Air Flow - adjustable	Min. 160 l/min	Min. 160 l/min
	Max. >400 l/min	Max. >400 l/min
Weight	Approx. 200g	Approx. 250g
Noisiness	Max. 61 dB	Max. 61 dB
Filter Efficiency	*P3	*P3

* In use with CleanAIR Pressure Conditioner

CleanAIR Pressure Product List

Pressure Conditioner
Weight : Approx. 6.80 Kg
Dimensions (height / diameter) : 380 / 200 mm
Min. inlet pressure : 0.3MPa
Max. inlet pressure :1 MPa

CE

Certification: EN 12941
Colour   : White
Item Code : 13055
Packaging : 1 set

Spiral Hose
Length : 10 m
Pressure : Max. 2MPa
Weight : Approx. 600 gms

CE

Certification: EN 12941
Colour   : Blue
Item Code : 13052
Packaging : 1 set

Standard Hose
Length : 10 m
Pressure : Max. 2MPa
Weight : Approx. 2100 gms

CE

Certification: EN 12941 / EN 143
Colour   : Orange
Item Code :
Packaging : 1 set

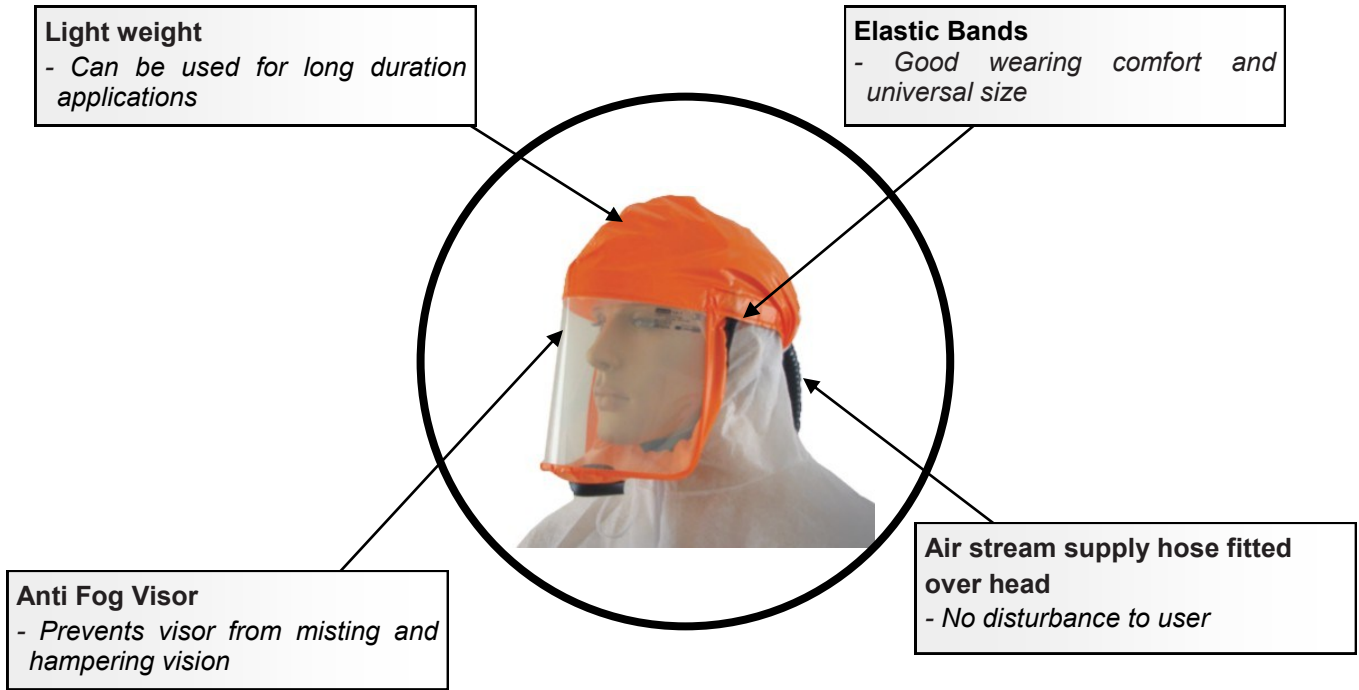### CleanAIR Pressure unit with belt
Ensures the supply of constant air flow into the head piece

CE

Certification: EN 12941 / EN 141
Colour   : Black
Item Code : TRA 067
Packaging : 1 set

CleanAIR® Hoods

Light weight
- *Can be used for long duration applications*

Elastic Bands
- *Good wearing comfort and universal size*

Anti Fog Visor
- *Prevents visor from misting and hampering vision*

Air stream supply hose fitted over head
- *No disturbance to user*

Filtering Device / Hood		CA - 2	CA - 3	CA - 4	CA - 10
Classification acc. To EN 12941					
CA Basic	Dual Flow / Flow Control	TH1 / TH2	- / TH3	TH1 / TH2	- / TH3
CA Chemical	Dual Flow / Flow Control	TH1 / TH2	- / TH3	TH1 / TH2	- / TH3
Classification acc. To EN 14594:05					
CA Pressure		2A	2A	2A	2A
CA Pressure Flow Control		2A	2A	2A	2A

CleanAIR Hood Product List

CA-2
Weight : Approx. 120g
Universal hood

$\mathsf{C}\mathsf{E}$
Certification: EN 12941

Colour   : Orange / Indigenous
Item Code : 13019 / 13069
Packaging : 1 set

CA-3
Weight : Approx. 480g
Grinding visor

$\mathsf{C}\mathsf{E}$
Certification: EN 12941

Colour   : Grey
Item Code : 13057
Packaging : 1 set

CA-4
Weight : Approx. 680g
Can be used along with earmuffs
For industrial engineering

$\mathsf{C}\mathsf{E}$
Certification: EN 12941 / EN 143

Colour   : Grey
Item Code : 13040
Packaging : 1 set

CA-10
Weight : Approx. 160 g
Tyvek hood

$\mathsf{C}\mathsf{E}$
Certification: EN 12941 / EN 141

Colour   : White
Item Code : 13110
Packaging : 1 set