

# Respirators



## CleanAIR® Basic Universal Powered Air Purifying Respirator

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

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

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

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



Item Code  
13165

## CleanAIR® Chemical Powered Air Purifying Respirator

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

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

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

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

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



Item Code  
13016

**Rechargeable battery**  
Ensures operations for up to 10 hours



CE  
EN 12941  
EN 141

**A2P3**

Colour	Item Code
Brown	13109



CE  
EN 12941  
EN 141

**A2B2E2K2P3**

Colour	Item Code
Multicolor	13064

## CleanAIR® Hoods



**CA-2** CE  
EN 12941

Colour	Item Code
Orange	13019

Connector CA40F



**CA-3** CE  
EN 12941

Colour	Item Code
Grey	13057

Connector CA40F



**CA-4** CE  
EN 12941

Colour	Item Code
Blue	13040

Connector CA40F



**CA-10** CE  
EN 12941


Colour	Item Code
White	13110

Connector CA40F



## Supplied Air Respirator Unit

As the name suggests, the Supplied Air Respirator Unit, supplies clean air to the wearer. The air is filtered after being supplied from a compressor. Hoods, helmets, full face pieces, half face pieces and loose-fitting face pieces can be worn to which this clean air can be supplied. The Supplied Air Respirator Unit increases comfort, productivity and protection while offering many advantages over other respiratory protection systems like cooling or heating incoming air.




Universal Hood CA 2  
Construction of material-  
Tyvek  
Item Code 13069  
Connector CA40F



Light Hood CA 1  
Item Code 13018  
EN 12941:1998  
EN 14594:2005  
Connector CA40F



Universal Hood CA 2  
Item Code 13019  
EN 12941:1998  
EN 14594:2005  
Connector CA40F



Universal Hood CA 10  
Item Code 13110  
EN 12941:1998  
Connector CA40F



Grinding Visor CA 3  
Item Code 13056  
Connector CA40F



PVC Breathing Hose with  
Connector  
CA40F & CA40M  
Item Code 13160  
(Hood-Valve)



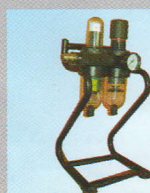
Flow Control Valve -  
Low pressure  
Connector CA40M  
Item Code 13156



Clean Air Basic Spiral  
Hose  
Item Code 13052  
10 Meter Length

Technical specification	CA Pressure	CA Pressure Flow control
Air flow - adjustable	min. 160 l/min, max. > 400 l/min	min. 160 l/min, max. > 400 l/min
Weight	200 g	250 g
Noisiness	max. 61 dB	max. 61 dB
Filter efficiency	*P3	*P3
Certification	EN 14594:05 2A	EN 14594:05 2A

\* in use with Pressure Conditioner



Low Pressure Conditioner  
Item Code 13097  
Regulator, PC Bowl,  
Coalescing + Borosilicate  
0.3 micron Particulate +  
GAC odour filter,  
Gauge and manual drain.  
Inlet Ø 6mm

### CUSTOMER END

Oil free  
Compressed Air  
Source  
+ Safety pressure  
release valve

### Suggested Applications

Automobile: Spraying / Coating  
Construction: Insulation / Material Handling

## ENVIRONMENT

## AIR BORNE IMPURITIES

O<sub>2</sub> DEFICIENCY IN THE AIR (O<sub>2</sub> BELOW 17%)  
If the Oxygen content is inadequate OR  
If the impurities cannot be identified OR  
If the concentration exceeds the norm,  
Supplied Air Respirator (OR SCBA) must be used!

The contamination is measured and evaluated on the basis of the hazardous properties of the contaminant(s)

Particles

Gases and Vapors

Particles, Gases and Vapors



Safety Helmet CA4  
for Indl-Engg.  
Item Code 13040



Welding Hood CA27  
Item Code 13058



Full Face Mask  
V-666  
Item Code 15012



Full Face Mask  
V-777  
Item Code 13151

## Face-piece

Face pieces like hoods and full face pieces are attached with connectors to the pressure connectors. They are light in weight and are ideal for long wear periods.

## Breathing Tube

This tube delivers air to the face piece. Careful selection of material of breathing tube would be important since it could be more vulnerable to the surrounding atmospheric contaminants.



Pressure Control  
Valve - High Pressure  
Connector CA40M  
Item Code 13045  
EN 14594:05 2A

## Air control Device

The Air Control Device ensures supply of a constant amount of air into the hood. The unit allows air supply adjustment by a swivel control knob. The control knob can be locked into any position so that the set airflow will not vary.



Airline PVC Braided  
Hose  
Item Code 13053  
10 Meter Length  
EN 1835:00,  
EN 12419:99



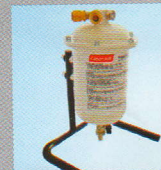
Airline PVC Braided  
Hose  
Item Code 13166  
30 Meter Length  
EN 1835:00,  
EN 12419:99

## Air Hose

Air Hose connects the Air purification Panel to the Air control device. Careful selection of the hose material is required as it could be vulnerable to the surrounding atmospheric contaminants.



Air pre-filter-regulator  
metal bowl coalescing  
type for removal of  
liquid water  
Item Code 13046  
Inlet / Outlet Ø 12 mm



High Pressure Conditioner  
Item Code 13055  
with metal container, high  
capacity combined filter  
inside for particulate and  
odour, Gauge and manual  
drain. Inlet Ø12mm

## Air Purification Panel

Air Purification Panel is connected by the air hose to the rest of the apparatus.