

The unit provides conceptual solution for workplaces with the availability of compressed air supply from the distribution system or from a compressor. The great advantages it gives the end users are low weight, small dimensions usefull for work in narrow spaces and operating time not limited by the battery capacity. If the compressed air is not hygienically clean we have solution in providing air purification unit Clean-air Conditioner. This breathing protective system is suitable for working sites with a higher concentration of harmful substances and provides protection in compliance with EN 1835.



## CA Pressure Flow control

The main component, inner pressure control valve, ensures the supply a constant amount of air into the hood. The inlet pressure has to be between 0,4 and 1,0 Mpa.

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. The minimum flow is limited to 120 l/min.

A more efficient sound absorber contributes noise reduction.

Maintenance-free operation, reliability and durability are common features of the both types of units.

In addition, the Flow control version is equipped with a checking pressure gauge for continues control of the respiratory system.

## CA Pressure

Inner pressure control valve ensures supply of a constant amount of air into the hood, if the inlet pressure is in-between 0,4 - 1,0 MPa.

The unit in its latest version is equipped with an adjustment knob for regulation of air flow. The control knob can be locked into any position so that the set airflow will not vary. The minimum flow is limited to 120 l/min.

A more efficient sound absorber contributes to noise reduction.



Technical specification:	CA Pressure	CA Pressure Flow control
Air flow – adjustable:	120 - 300 l/min	120 - 300 l/min
Weight:	200 g	250 g
Noisiness:	max. 61 dB	max. 61 dB
Filter efficiency:	*P3	*P3
Certification:	EN 1835 LDH2	EN 1835 LDH2

\*in use with Clean-air Pressure Conditioner

## Clean-air Pressure Conditioner

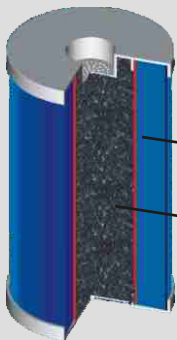
Two stage stationary pressure air preparation plant. The device is made of a strong metal container with high capacity combined filter inside. In first stage the air passes through HEPA particle filter with efficiency at P3 level, in the second through the inner part with with activated chargecoal. The filter removes solid particles, fine oil and water aerosols, oil fumes and odours. Filter does not remove carbone monoxide which can be present in the pressured air if the compressor maintenance is neglected.

The inlet quick coupling allows a single-handed assemble of the device to the airline distribution, outlet piece is prepared to connect up to two workers with CA Pressure unit. Checking pressure gauge measures the outlet pressure value.

Weight incl. filter:	aprox. 6,80 kg
Dimensions (height/ max.diameter):	38 / 20 cm
Min. inlet pressure:	0,4 MPa
Max. inlet pressure:	1,0 MPa
Connectors:	quick couplings Standard compatible with Rectus and Ceyn 320 1x inlet, 2x outlet



## Combined filter



Weight: 500 g  
Dimensions (height, diameter): 19,5 x 11 cm

Structure:  
particle filtr  
activated carbon

## Hoses for pressured air - Linking hoses between CA Pressure and CAP Conditioner

### spiral hose

length: 10 m  
work. pressure < 2 MPa  
weight: 0,60 kg



### standard hose

length: 10 m  
work. pressure < 2 MPa  
weight: 2,10 kg



## Connection scheme

compressed air supply → CA Pressure Conditioner → linking hose → CA Pressure unit with belt → headpiece with hose

