



**IBIX**



## Airnodust

Airnodust 2000 Standard

Airnodust 3000 Standard

# Airnodust



**Airnodust** is an  
**Air extractor**

**Air no dust**  
Vacuums and filters air

# FILTERING SYSTEMS

Hepa (High Efficiency Particulate Air filter)

H13 / H14 99,95% - 99,995% of particles  $\geq 0,2 \mu$

EN 1822

Made of filtering materials such as fiberg glass.

It stops, fine dust, virus, bacteria, germs, dangerous organic particles, radioactive particles.

Coronavirus is  $> 0,08 < 0,16$  micron.

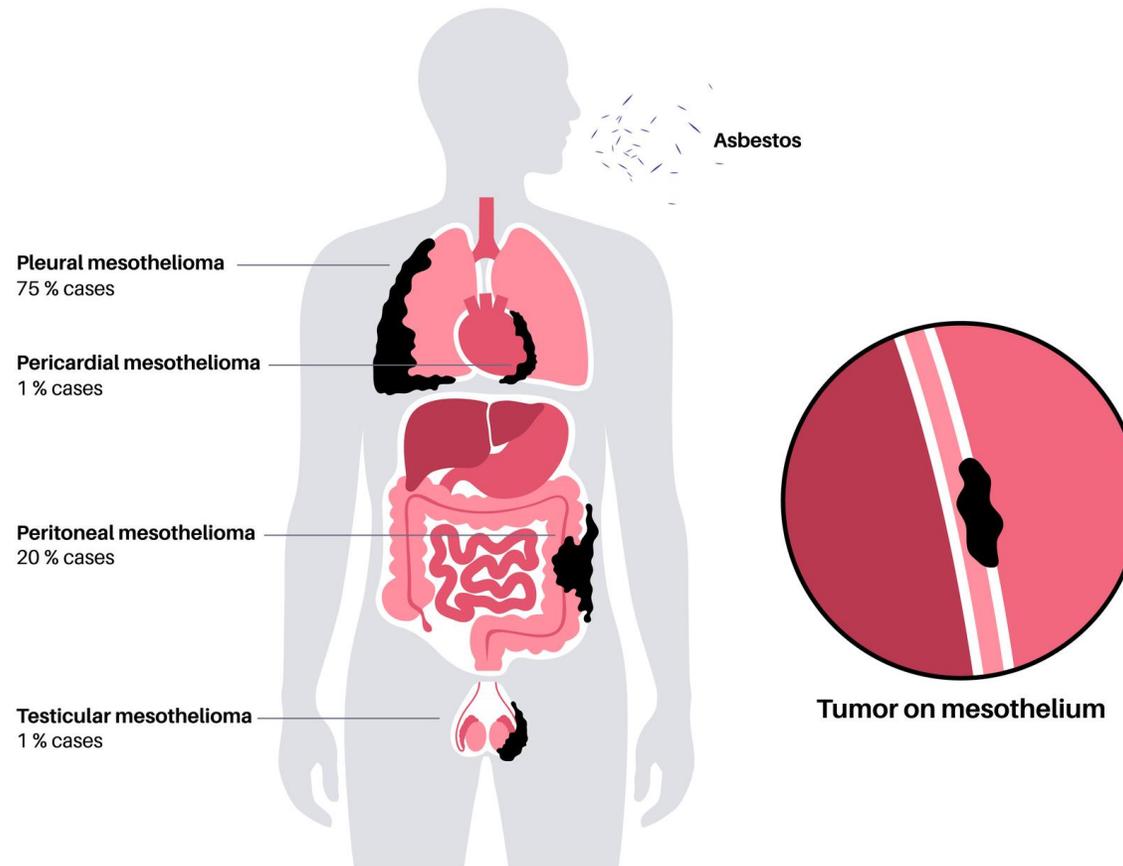
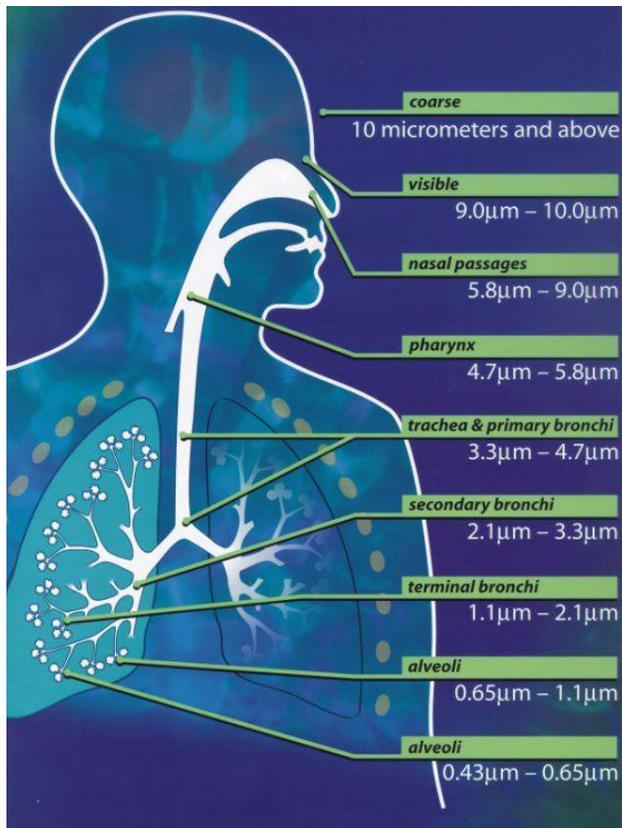
Suitable Filtering system against Corona is H17, and it stops il 99,999999% of partícels  $\geq 0,12 \mu$ .

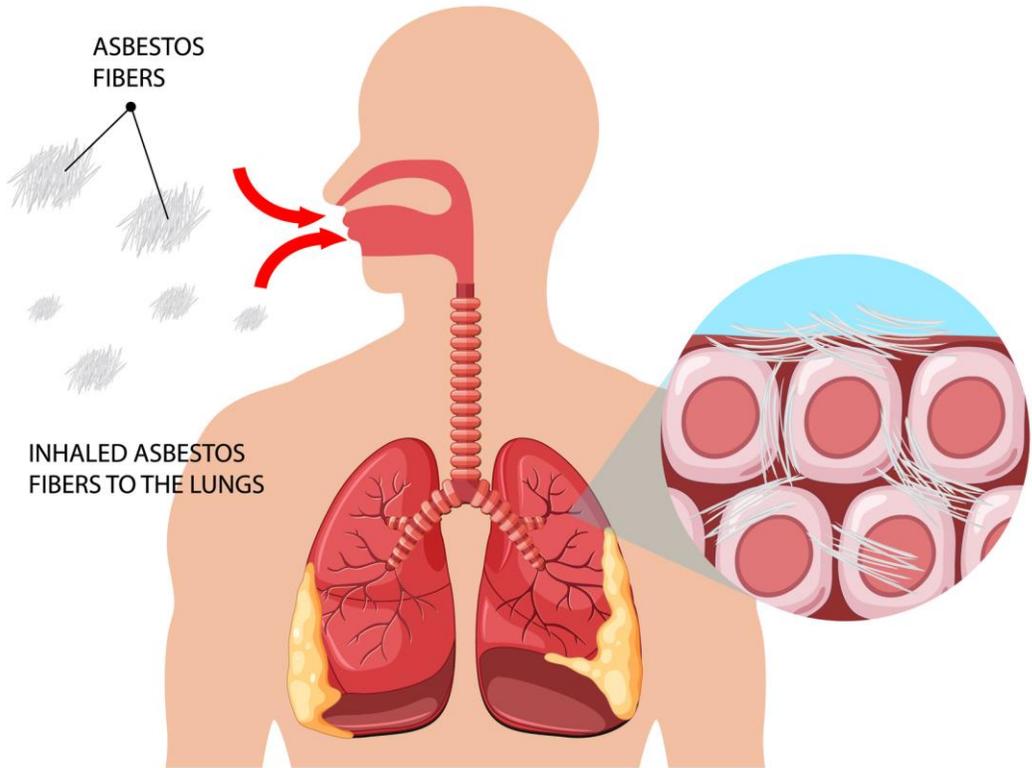
Asbestos particles are:  $3 \mu$ .

Dimensions of hair (section):  $70 \mu$ .



Particle size – Lungs deposition





# ASBESTOS

Mesothelioma is a Lungs cancer often caused by prolonged exposition to Asbestos particles. Survival rate after 5 years is less than 10%.

TEST CERTIFICATE  
PRUFFPROTOKOL  
Rapport D'ESSAI

According EN10204 par 3.1



*Manufactured in EUROPE*

Article number Artikelnummer Reference d'article	<b>AU619</b>	Serial-No. Serien-Nr.	<b>202310999-1 1</b>	
Filter group Filtergruppe Groupe du filtre	Description and dimensions Bezeichnung und Abmessungen Reference du filtre et dimensions			
<b>HICAP 5000</b>	<b>610 X 610 X 292</b>			
Filter classification Filterklassifizierung Classification du filtre	Velocity Geschwindigkeit Vitesse (m <sup>3</sup> /hr)	Resistance Druckverlust Perte du charge (Pa)	Efficiency Wirkungsgrad Efficacite (%)	Scan test Scan test Teste du fuite
<b>H13 to EN1822</b>	<b>5000</b>	<b>375</b>	<b>99.95</b>	<b>YES</b>
Aerosol Aerosol	<b>DEHS</b>			
Additional notes Weitere Angaben Renseignements additionnels				
Date / Datum / Date:		Signature / Unterschrift / Signature:		

We hereby certify that the item described above complies with the terms of the order / contract.

Wir bestätigen, daß die Lieferung den Vereinbarungen des Auftrags / Vertrags und der Auftragbestätigung entspricht.

Nous certifions par la presente que les article decrit ci-dessus est en conformite avec les termes de la commande.

We certify that the filter has passed the required control tests and we guarantee the minimum efficiency specified according to EN1822

Wir bestätigen, daß dieser Filter die enfordlichen Tests durchlaufen hat und den vorgeschriebenen minimalen Wirkungsgrad nach EN1822 nach weist.

# POCKET FILTER



Category: F5

Definition: Pocket filter for particle size:  $\geq 0,5 \mu$

It Stops particles up to 10 microns

PM10 =  $10 \mu$



# Intermediate filters

EU3/G3

EU4/G4

>80%

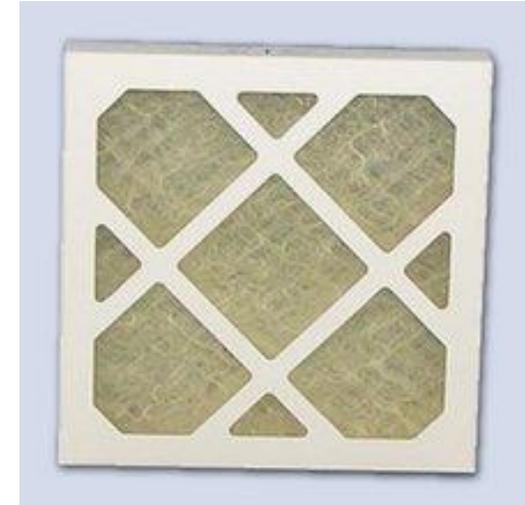
90%

Made of fiberglass

DIN 24185 / EN 779

G3: it stops 80% of particles up to 10  $\mu$ , and it stops 10% of particles size: 1  $\mu$

G4: It stops 90% of particles up to 10  $\mu$ , and it stops 25% of particles size: 1  $\mu$



# Air no dust 2000

	<b>230 V</b>
<b>Nominal Flow rate without hoses and filters</b>	3000 m <sup>3</sup> /h
<b>+ filter H13 / H14</b>	2500 m <sup>3</sup> /h
<b>+ filter (EU4) ( pocket filter)</b>	2300 m <sup>3</sup> /h - 2000 m <sup>3</sup> /h
<b>Volt</b>	230 V
<b>Power</b>	2,6 A
<b>Engine absorbtion</b>	0,385 kW
<b>Electrica l cable</b>	H07RN-F 3G1,5
<b>Protection class</b>	I
<b>Protection</b>	IP 54
<b>Filtering sytem</b>	3 level
<b>HEPA Filter</b>	According to EN 1822 class H13/H14

# Air no dust 3000

	<b>230 V</b>
<b>Nominal Flow rate without hoses and filters</b>	6000 m <sup>3</sup> /h
<b>+ filter H13 / H14</b>	4600 m <sup>3</sup> /h
<b>+ filter (EU4) ( pocket filter)</b>	4200 m <sup>3</sup> /h - 3600 m <sup>3</sup> /h
<b>Volt</b>	230 V
<b>Power</b>	5,5 A
<b>Engine absorbtion</b>	0,75 kW
<b>Electrica l cable</b>	H07RN-F 3G1,5
<b>Protection class</b>	I
<b>Protection</b>	IP 54
<b>Filtering sytem</b>	a tre stadi
<b>HEPA Filter</b>	secondo EN 1822 classe H13/H14

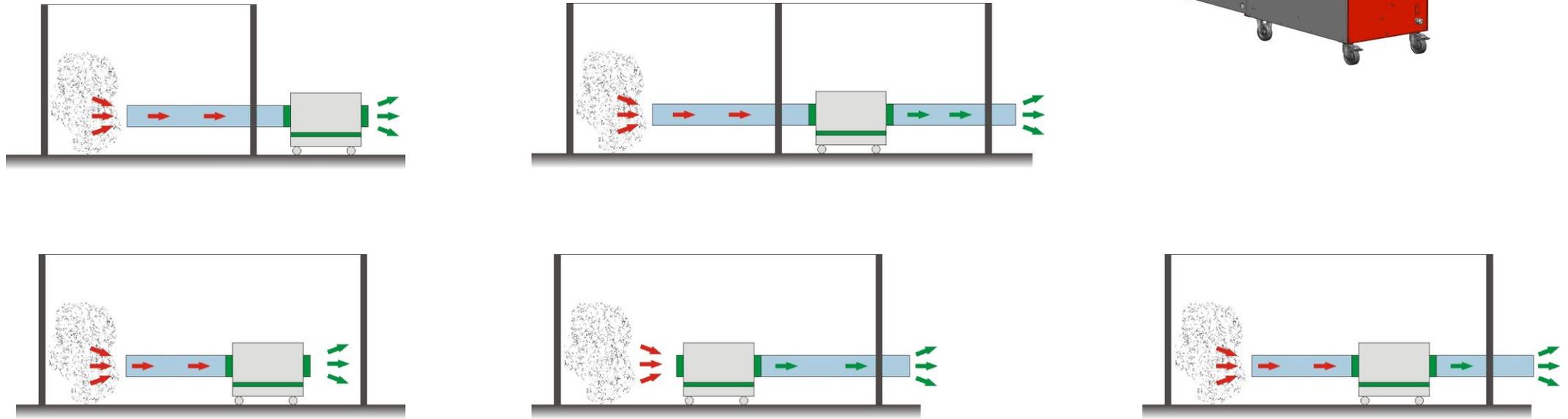
# Strengths Airnodust vs competitors

- Components sealed hermetically 100% + all parts are laser welded.
- Light and portable.
- Main structure is made of metal and not plastics.
- Low loss of power after prolonged work and with clogged filters.
- In case of power shock, restarting is slow and gradual.
- Manovrability
- Specific software for management of different functions.

# Airnodust

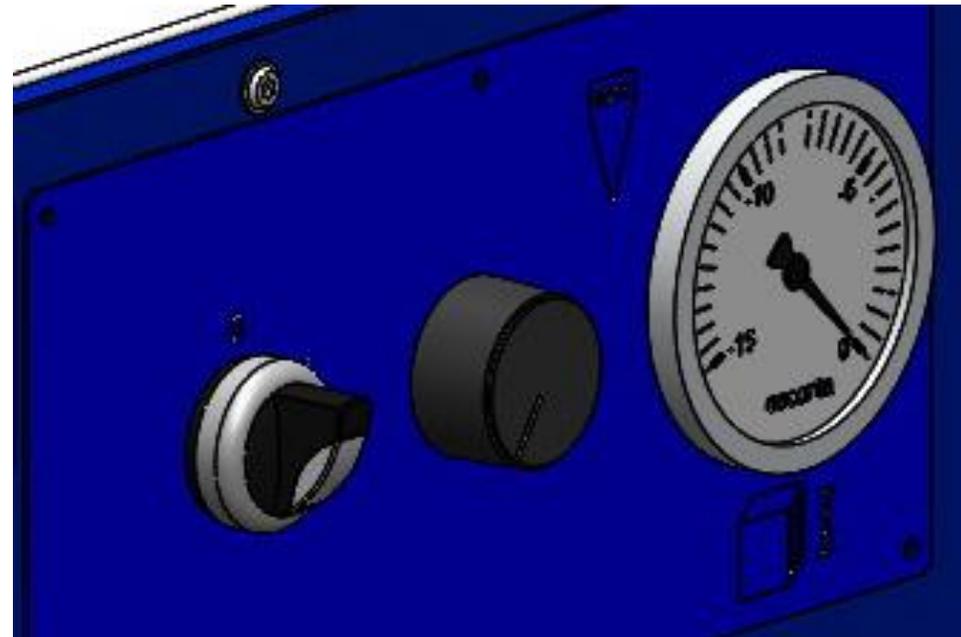
	<b>Airnodust 2000</b>	<b>Airnodust 3000</b>
<b>Exhaust hose</b>	300 mm x 10 m	<b>450 mm x 10 m</b>
<b>Suction hose</b>	300 mm x 10 m	<b>450 mm x 10 m</b>
<b>Lenght</b>	745 mm	<b>845 mm</b>
<b>Width</b>	410 mm	<b>718 mm</b>
<b>Height</b>	790 mm	<b>790 mm</b>
<b>Weight- Snap Filter included.</b>	<b>45 kg – 68 Kg</b>	<b>66 kg – 94 Kg</b>

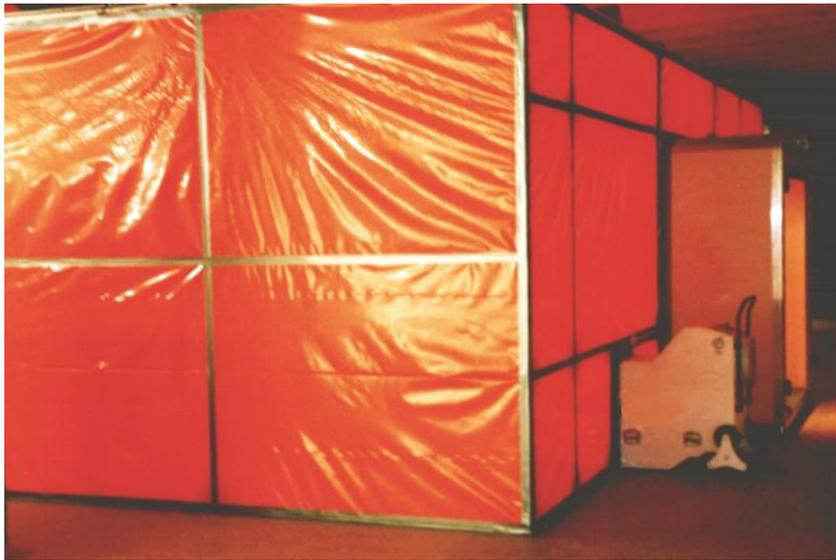
# HOW IT WORKS:



# How it works

1. Airnodust is equipped with regulator of suction power and volume of air
2. It must be connected to the power line.
3. Turn it on
4. Vacuum (negative pressure) in the system can be adjusted.
  - ⇒ Vacuum too high: Open air door or decrease the vacuum %.
  - ⇒ Vacuum too Low: Close air door or increase the vacuum %.



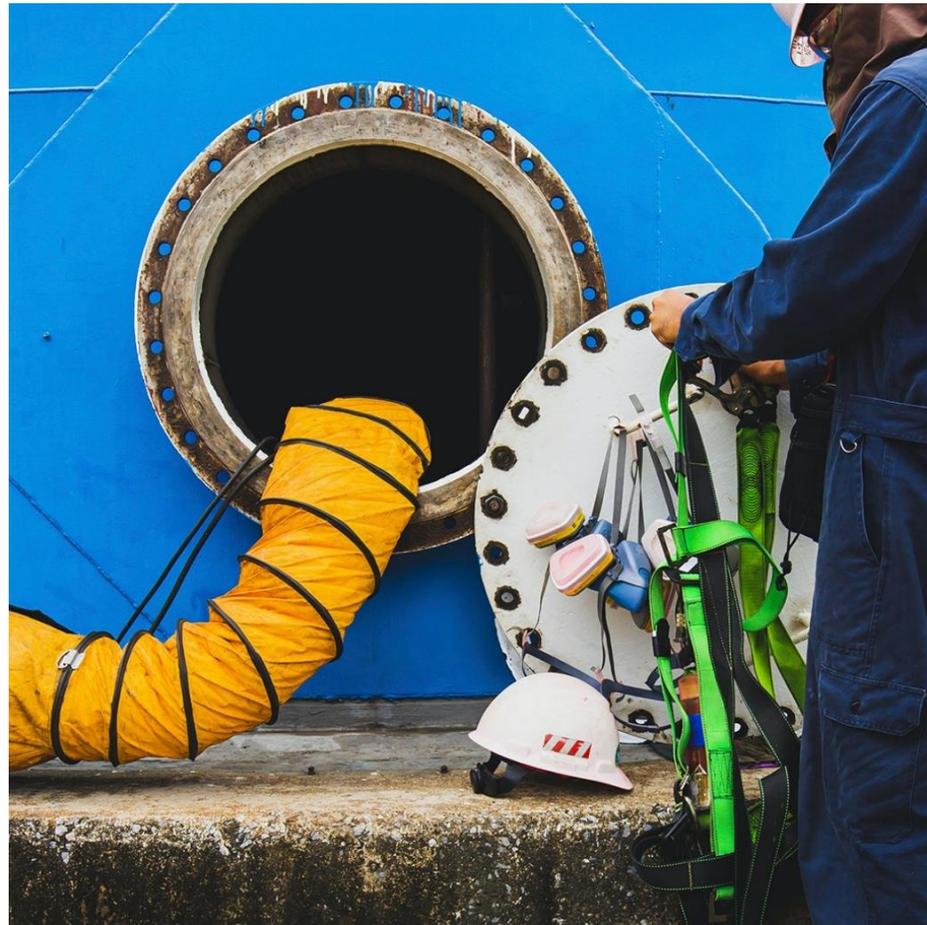












# FILTRATION THROUGH ACTIVATED CARBONS



## FILTRATION THROUGH ACTIVATED CARBONS

- Airnodust can be used to clean ambient from odors, gas, fumes, Poisons, gases, acides and other dangerous gases.
- Treatment with activated carbons
- Filtering unit with activated carbons can be installed in the Airnodust replacing the standard HEPA filter. It can also put inside the SNAP unit.
- Activated carbons take time to filter air. Therefore, Airnodust cannot be used over 50% of their nominal flow rate.

# FILTRATION THROUGH ACTIVATED CARBONS



## Filtrazione tramite carboni attivi



# FILTRATION THROUGH ACTIVATED CARBONS

ACTIVATED CARBONS														
AREA OF APPLICATIONS	dust carbs		granuls Carbons				Pellets Carbons					Special Carbons		
	DETH90	DECW20	DEK48S	DEK835	DEK814	DEC46	DESIL15		DESIL40		DESC40	DESC44	DEAG03	DEJ42
COD.								AU113	AU1448	AU2576	AU 1261			AU1463
Air purifications from gases and odors						●			●		●			
Biogas											●			●
Gas from Exhaustpipe	●											●		
Removal o condensate oils			●											
Removal of chlorine				●	●									
Removal of paints		●												
Gas from Oil processing														
Galvanic process	●					●	●							
Food processing in general	●	●												
Glycerine			●											
Pharmaceutical production in general	●	●												
Solvents						●					●	●		
Tobacco Smokes							●							
Potassium Cynaide										●				
Welding gases											●			
hydrogen sulfide														●
Hydrocarbons								●			●			

# FILTRATION THROUGH ACTIVATED CARBONS

## ACTIVATED CARBONS AND FILTERING UNITS

Art.	Description	Dim.	Material	Imballo	Pricelist
BO2365	Activated carbons Cell	305x305x294 mm	alluminio	1 Pz	753,56 €
BO2366	Activated carbons Cell	305x610x294 mm	alluminio	1 Pz	<b>1.039,10 €</b>
BO2367	Activated carbons Cell	610x610x294 mm	alluminio	1 Pz	1.726,12 €
BO2368	Activated carbons Cell	610x910x294 mm	alluminio	1 Pz	2.413,20 €
AU1261	Price per Kg of Activated carbons			1 bag of 25 Kg	12,31 €
Listino	01/23				