

## Eco line

### RELIABLE AND AFFORDABLE AIR FILTRATION

Eco Line range of carbon filters - Easy to install and super-reliable, the activated carbon inside each filter effectively removes all odours from your room whilst allowing your ventilation fans to work more efficiently than competitor carbon filters.



Filled with activated stone coal 1050 m<sup>3</sup>/h surface and dressed with F5 white pre-filter. For cleaning the incoming, outgoing or bypassing flow or air from bad smell using physical or chemical adsorption.

**Scope of application:** Hospitals, food-processing industry, chemical industry, public buildings, kitchens, office rooms, lavatories, crematories, butcher shops...

**Temperature:** Maximal flow of air temperature = 70°C

**Relative humidity:** Maximal flow of air humidity = 70%

### Which size carbon filter do I need?

Calculate your required carbon filter in just three easy steps. These calculations are based on changing the air in your room once every minute.

1. Measure the volume of air in your room by multiplying the length by the width by the height (in meters) of the room. E.g. A room measuring 3m x 4m with a ceiling height of 2m has an air volume of 3 x 4 x 2 = 24m<sup>3</sup>.
2. Multiply the air volume by 60. This gives you the amount of air you need to move each hour.
3. Select the filter(s) below where the total of each filter's maximum airflow exceeds the value you just calculated (2).

Associated with an exhaust air flow and diameter compatible, it prevents all odors out of your room, avoiding the intrusion of noise.

CODE	SIZES (flange x height)	MAX. AIRFLOW	OPTIMAL AIRFLOW	WEIGHT	QUANTITY PER PALLET
K2600 flat	100/125 x 135 mm	250 m <sup>3</sup> /h	200 m <sup>3</sup> /h	2.5 kg	132 pcs
K2601 flat	100/125 x 250 mm	440 m <sup>3</sup> /h	360 m <sup>3</sup> /h	3.6 kg	80 pcs
K2600 mini	100/125 x 180 mm	240 m <sup>3</sup> /h	160 m <sup>3</sup> /h	1.9 kg	192 pcs
K2600	100/125 x 250 mm	360 m <sup>3</sup> /h	240 m <sup>3</sup> /h	2.4 kg	144 pcs
K2601	100/125 x 400 mm	480 m <sup>3</sup> /h	360 m <sup>3</sup> /h	3.6 kg	96 pcs
K2602	150/160 x 400 mm	620 m <sup>3</sup> /h	475 m <sup>3</sup> /h	5.1 kg	60 pcs
K2603	150/160 x 650 mm	900 m <sup>3</sup> /h	700 m <sup>3</sup> /h	7.8 kg	45 pcs
K2604	200 x 500 mm	1000m <sup>3</sup> /h	780 m <sup>3</sup> /h	9.4 kg	36 pcs
K2605	200 x 750 mm	1300 m <sup>3</sup> /h	1000 m <sup>3</sup> /h	14.2 kg	27 pcs
K2606	250 x 750 mm	1500 m <sup>3</sup> /h	1100 m <sup>3</sup> /h	16.8 kg	14 pcs

The chart below shows just how efficient Prima Klima's Eco Line carbon filters are by demonstrating the "pressure drop" for each model. Pressure drop refers to the amount of air resistance created by the carbon filter.

