

INDUSTRIAL AIR CLEANERS

KIEKENS AIR CLEANERS

AC 40 / 80 / 120

for an improved environment

The **KIEKENS AC** range of industrial air cleaners are highly suited for cleaning and purifying the air in a room or enclosed area. High capacity performance competently handles highly polluted or large areas. Various filtration levels including high efficiency particulate filters for fine dusts and hazardous contaminants provide health protection as well as a safe and productive working environment.



The possible applications include many industrial uses where dry airborne particles and contaminants are to be removed from the environment, or to further enhance the air quality:

- fine mechanical and optical production rooms and areas
- cleanrooms and computer/electronics processing rooms
- laboratories and research centres
- pharmaceutical and food production areas
- construction or powder mixing areas with high volume of dust / fine particles / hazardous contaminants

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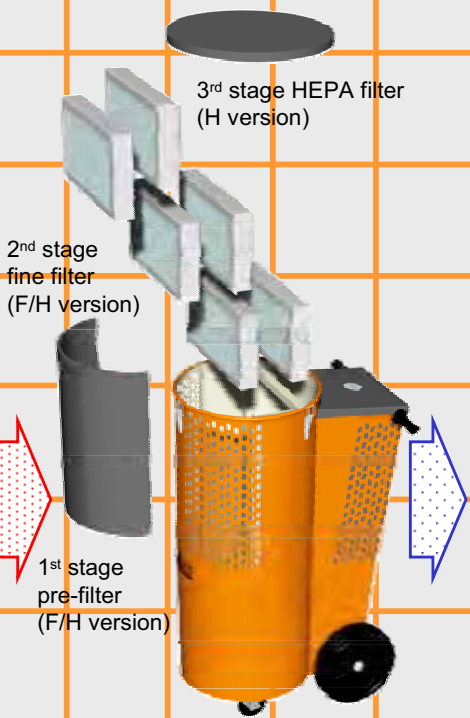
AC 40 / 80 / 120 (F/H)

The KIEKENS AC air cleaners are very robust yet compact cleaners with large air handling capacities for industrial applications. They provide up to three stages of filtration using high quality exchangeable, multi-configurable filter cartridges. They are safe and reliable operation for various industrial dust control and decontamination applications.



Features:

- 3 different capacities to choose from depending on room size and air cleaning requirements
- Wide suction grille for even and consistent extraction of polluted air
- Long running maintenance free powerful IP55 rated industrial blowers
- Convenient 1 phase power requirements for use in any location
- Available in 2 versions:
 - **F**: 2-stage filtration for fine dusts, 98-99% efficiency for 3-5 microns size
 - **H**: 3-stage filtration with HEPA filters for extra fine dusts, smoke particles, hazardous contaminants and bacteria, with up to 99.95% efficiency for particles > 1 micron and down to 0.3 microns size
- Flow controls allow adjustment of suction strength (continuously variable)
- Filter status warning light to indicate filter condition
- Compact and mobile frame for easy movement and positioning
- 2-way exhaust outlet option allows diffuse recirculation of the filtered clean air or channelling out of the room via a Ø160mm outlet



Multiple stage filtration. Different filter configurations possible. Easy access, easy filter change.



Filter status warning light is standard.



Extraction strength by a powerful and maintenance free continuous running industrial blower. With flow-control by means of a variable speed setting for fine adjustments.



Each Aircleaner is equipped with 2 exhaust output possibilities:
(a) directly returned to the room through the exhaust grille; or,
(b) channelled through a Ø 160 mm port for external hose connection. Selection is by means of a convenient 2-way valve.



SPECIFICATIONS	AC 40	AC 80	AC 120
motorpower [W]	180W	370W	750W
voltage [V]*	230V	230V	230V
cable length [m]	10m	10m	10m
max air volume [m ³ /h]**	300-400	600-800	900-1200
app. room area [m ²]***	60-80	120-160	180-240
F Versions	Stage 1-2		
prefilter area [m ²]	0.14m ²	0.25m ²	0.35m ²
fine-filter area [m ²]	2.3m ²	4.6m ²	6.9m ²
fine-filter filterclass	F7		
H Version	Stage 3		
HEPA filter area [m ²]	2.5m ²	5.0m ²	7.5m ²
HEPA filterclass	H13		
noise level [dB(A)]	65dB(A)	67dB(A)	71dB(A)
weight [kg]	40kg	55kg	69kg
dimensions l x w x h [mm]	715x550x680	735x550x975	775x550x1280
* other voltages on request ** depending on filter configuration.			
*** estimate only; subject to dust qty/movement, cleaner location, room volume/shape			
use of odour reducing filter may lower effective coverage and extraction distance			

Options & accessories

- Several configurations of pre-, fine- and HEPA-filters are possible, depending on requirements
- Exhaust hose for channelling exhaust air out of the working area



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