

CKU Series

High airflow dust collectors for flying particulates. Use adapted to cleanrooms Class 100 000 to 10 000. The users have to optimize the suction solution and the nozzle for a high performance suction.



LOW PRESSURE DUST COLLECTORS FOR FLYING PARTICULATES



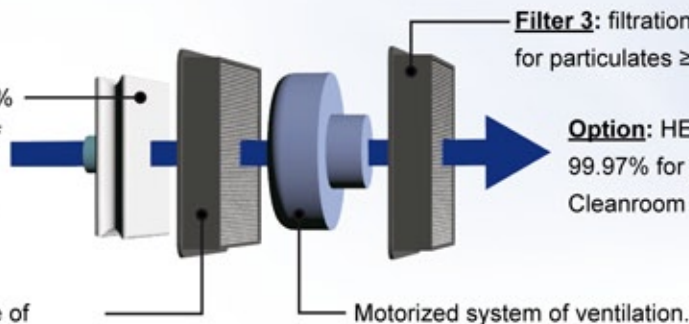
Specifications

- Very compact, light, silent (54 to 73 dB).
- Can be placed in narrow area, easy to be integrated.
- 24h-a-day use without any risk of overheating.
- Adaptable to any kind of environment.
- Capacity of prefilter: 2.5 to 8 liters.
- Possibility to collect precious particulates thanks to a prefilter bag.

Suction system

Filter 1 (prefilter): filtration rate of 95% for particulates $\geq 45\mu$. Replacement of the prefilter without direct contact in order to avoid any leak of particulates.

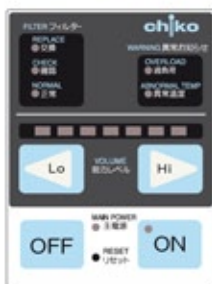
Filter 2: filtration rate of 99% for particulates $\geq 0.3\mu$.



Filter 3: filtration rate of 99% for particulates $\geq 0.3\mu$.

Option: HEPA filter (filtration rate of 99.97% for particulates $\geq 0.3\mu$). Cleanroom Class 10 000 ~ 100.

Control panel



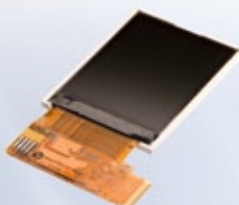
1. Indicator of filters saturation.
2. Signal of anomaly: overloading, abnormal temperature (automatic interruption of the dust collector).
3. Speed regulator with 7 levels.
4. Stop/Start.
5. Bouton Reset.

Synchronization plug



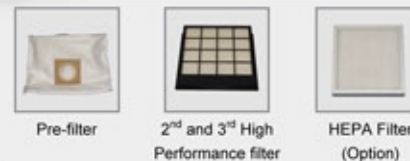
1. Synchronisation plug for a remote control.
2. The use of the synchronization will hold the control panel.
3. Option: 3 or 5 meters of wire with male connection.

Applications

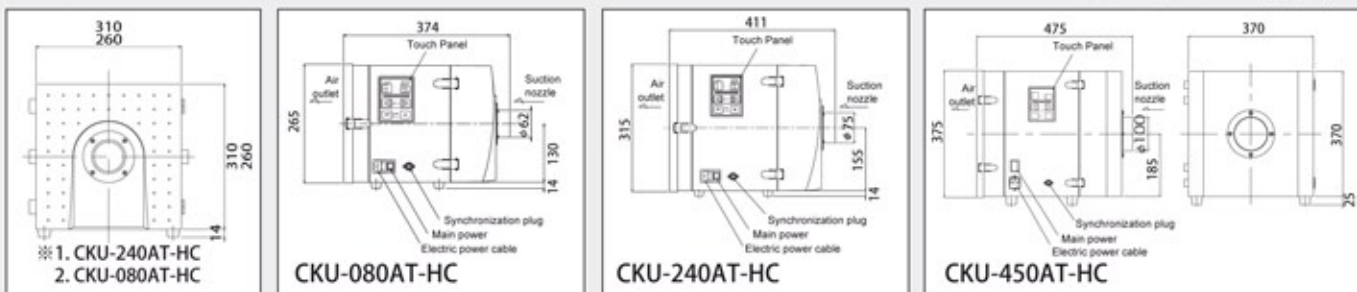


- Adapted for productions requiring microprecision: particles from cutting, drilling, sharpening, fettling, shooting...
- Capture of dust when cleaning by blowing.
- Suction of particulates when checking the products manufacturing before assembling.
- Elimination of particulates generated by the movement and the friction by devices used during the manufacturing of products.

CKU-080AT-HC-CE
CKU-240AT-HC-CE
CKU-450AT-HC-CE



Diagram



Technical specifications

Reference	Power	Voltage	Frequency	Intensity	Maximal air flow	Maximal static pressure	Maximum noise level
CKU-080AT-HC	150W	100V-240V	50/60Hz	2.6A	3.3m ³ /min	1.4kPa	54-61dB
CKU-240AT-HC	250W	100V-240V	50/60Hz	3.9A	4.0m ³ /min	2.05kPa	54-68dB
CKU-450AT-HC	450W	100V-240V	50/60Hz	8.2A	7.0m ³ /min	2.9kPa	58-73dB

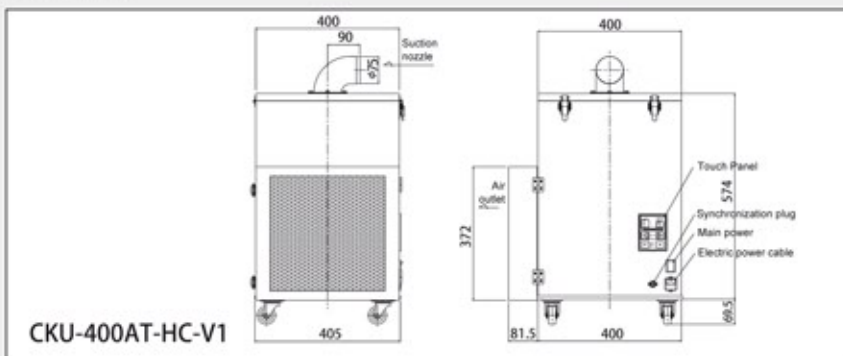
Reference	Internal diameter	Touch Panel	Synchronization	Cleanroom	Weight	Dimensions (L×W×H)
CKU-080AT-HC	φ 65 × 1	○	○	○	14.5kg	337 × 260 × 275
CKU-240AT-HC	φ 75 × 1	○	○	○	19.0kg	374 × 310 × 324
CKU-450AT-HC	φ 100 × 1	○	○	○	30.5kg	422 × 370 × 395

Filters

Reference	Filter 1	Filter 2	Final filter	HEPA (Option)
CKU-080AT-HC	FB-25	CHF-2525-50	CHF-2525-50	HEP-2525-50
CKU-240AT-HC	FB-30	CHF-3030-50	CHF-3030-50	HEP-3030-69
CKU-450AT-HC	FB-700-22	CHF-3535-70	CHF-3535-70	HEP-3535-69

CKU-400AT-HC-V1

Diagram



Technical specifications

Reference	Power	Voltage	Frequency	Intensity	Maximal air flow	Maximal static pressure	Maximum noise level
CKU-400AT-HC-V1	450W	100V-240V	50/60Hz	8.2A	7.0m ³ /min	2.85kPa	65-73dB

Reference	Internal diameter	Touch Panel	Synchronization	Cleanroom	Weight	Dimensions (L×W×H)
CKU-400AT-HC-V1	φ 75 × 1	○	○	○	40.0kg	490 × 400 × 649

Filters

Reference	Filter 1	Filter 2	HEPA Filter	Activated carbon
CKU-400AT-HC-V1	FB-40	CHF-3535-70	HEP-3535-69	—

Examples of applications

