

FILTRATEC FILTRATION by CIF

ASSEMBLY



HACCP

REACH

Standard remote control

THE AUTONOMOUS STATIONS OF THE FILTRATEC RANGE

Discover the Filtratec® range, a range of high performance stations for the extraction and filtration of soldering fumes, acid and solvent vapors.

It has been developed for all applications in the field of electronic wiring as well as for etching machines using iron perchloride (Acids).

Each station includes a standard HEPA filter + Neutrafil 2 speeds and a powerful and very quiet turbine (<52 dbA).

A wireless remote on/off control is standard on all models.



Classe HEPA: ≥ H13*

* Selon la norme UNE-EN 1822-1 : 2020
Filtre 99,98% des particules MPPS comprises entre 0,12 et 0,25 µm



**ACIDES
ACIDS**



**FUMES
FUMES**

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--------------------|
| Powerful turbine | 255 m3/h |
| Microfilter efficiency (HEPA) | >99.98 % |
| Gas filter efficiency (Neutrafil) | > 95 % |
| Standard on/off remote control | Oui |
| 2 suction speeds | de série |
| 2 speeds of aspiration | < 52 dbA |
| External dimensions L x W x H | 307 x 307 x 410 mm |
| Net weight | 10 Kg |
| Power | 140 W |
| Power supply | 230 V - 50/60 Hz |

APPLICATIONS :

- Welding fumes
- Bacteria
- Pollen
- Tobacco fumes
- Asbestos dusts
- Household dusts
- Acids
- Solvents
- Deodorization
- Mechaptans
- NOX
- H2S
- SOx
- VOCs

SERIES

| Application | A-SERIES | | | | | F-SERIES | | | |
|-----------------------|-------------------------------------|--------------------------------------|--|------------------------------|-------------------------------|-------------------------------------|--------------------------------------|------------------------------|-------------------------------|
| | ACID & SOLVENT VAPORS | | | | | FOR WELDING FUMES & SOLVENTS | | | |
| Reference | I51065.1 | I51023.1 | I51062.1 | I51024.1 | I51024.2 | I51024.2 | I51061.2 | I51101.2 | I51102.1 |
| Type of filter | A | | | | | F | | | |
| Variant | 1 outlet (delivered without arm) | 2 outlets (delivered without arm) | Station delivered with 1 connection kit for chemical etching machine | Station delivered with 1 arm | Station delivered with 2 arms | 1 outlet (delivered without arm) | 2 outlets (delivered without arm) | Station delivered with 1 arm | Station delivered with 2 arms |
| Pre-filter reference | X500013 | | | | | X500013 | | | |
| Main filter reference | I54060 | | | | | I54061 | | | |
| Cover reference | I51033 (Ø 75mm) | | | I51036 | | I51036 | | | |



FILTRATION UNIT ACID VAPORS 1 OUTLET
I51065.1



FILTRATION UNIT ACID VAPORS 2 OUTLETS
I51023.1



STATION WITH 1 CONNECTION KIT FOR CHEMICAL ETCHING MACHINE
I51062.1



FILTRATION UNIT SOLDERING FUMES 1 OR 2 OUTLETS
I51024.2
I51061.2



FILTRATION UNIT ACID VAPORS, SOLDERING FUMES AND SOLVENTS WITH 1 ARM
I51024.1
I51101.2



FILTRATION UNIT ACID VAPORS, SOLDERING FUMES AND SOLVENTS WITH 2 ARMS
I51024.2
I51102.1

| Application | FT SERIES | | |
|----------------------------|-------------------------------------|--------------------------------------|---|
| | DESIGNED FOR BENCHTOP REFLOW OVENS | | |
| Reference | I51060.1 | I51025.1 | I51025.F1 |
| Type de filtre | F | | |
| Variant | 1 outlet (delivered without arm) | 2 outlets (delivered without arm) | Station livrée avec 1 kit connexion Four série FT |
| Pre-filter reference | X500013 | | |
| Main filter HEPA reference | I54061 | | |
| Cover reference | I51033 (Ø 75mm) | | |



THE FILTRATEC FILTER



**HEPA*
H13
FILTER**

* According to UNE-EN 1822-1: 2020
Filters 99.98% of MPPS particles between 0.12 and 0.25 µm

- HEPA filter, filters 99.98% of MPPS particles (between 0.12 and 0.25 µm)
- Very quiet < 52 dbA
- Quick change filter
- Versatile; fumes, solvents & acids
- For the treatment of 70 to 250 m³/h

SIZE OF THE PARTICLES IN THE AIR

| | |
|----------------|----------------|
| Welding fumes | 0.3 - 0.001 µm |
| Bacteria | 20 - 0.2 µm |
| Pollen | 100 - 10 µm |
| Tobacco smoke | 1.0 - 0.01 µm |
| Asbestos dust | 10 - 0.3 µm |
| Household dust | 20 - 0.001 µm |

Note: the human eye only perceives particles whose size is between 2.0 and 100 µm

| Filter | Reference |
|--|----------------|
| Pre-filter | X500013 |
| Aids and solvents vapors filter - type A | I54060 |
| Filtre fumées de soudure et solvants - type F | I54061 |

Section A

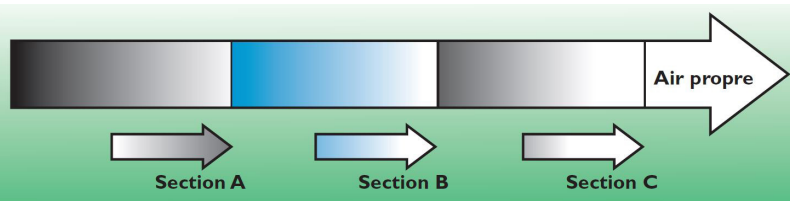
The pre-filter cleans the polluted air of the largest particles

Section B

HEPA filter for fine particles such as soldering fumes (0.3 - 0.001 µm)

Section C

Filter composed of Neutrafil which is a mixture of activated carbon (50%) and potassium permanganate (50%). This mixture allows to capture and neutralize quickly even the finest chemical substances.



BOOTH / CABIN



Extraction booth CAB 8050

Great visibility of the chamber, removable transparent top visor. Connects with 1 outlet filtration stations.

Réf. I43510

CONNECTION KITS



Kit, standard nozzle + self-supporting arm

Réf. X700010



Standard diamond-shaped nozzle

Réf. X700009



Self-supporting arm

Réf. X700006

ARMS AND NOZZLES



Filtratec connection kit for ovens FT03 / FT05 (without filtration)

Réf. I43316



Special acid connection kit for CIF etching machines (without filtration)

Réf. I43213