



PACIFIC TRINETICS
CORPORATION

FUME EXTRACTOR

Factory Air Optimization
Solution



- High-efficiency turbo fan to ensure high airflow and pressure.
- Five levels of control for wind velocity.
- A specially designed, thickened carbon filter that is highly efficient in absorbing VOCs.
- Four levels of filtration to ensure long-lasting use of the filters and effective removal of odors and particles of different sizes.
- Low-noise design.

PTC FUME EXTRACTOR

PTC's FE series smart filtration system boasts a high degree of operational reliability and filtration efficiency, making it ideal for a wide range of applications, such as reflow ovens, selective soldering, welding, and more. Additionally, this series is highly customizable with different types of function modules, making it well-suited for complex situations and applications.

The system incorporates a high-efficiency turbofan, ensuring consistent airflow and pressure. This feature, combined with feedback from the system, allows for automatic adjustment of the airflow rate to ensure optimal filtration results. Moreover, the integrated VOC gas sensor provides accurate data, protecting personnel health and safety better.



OVERVIEW

- High-efficiency turbo fan
- Five levels of control for wind velocity.
- A specially designed, thickened carbon filter
- Four levels of filtration
- Low-noise design.
- Easy to use, state-of-the-art user interface

Typical Applications

- Reflow Ovens
- Wave Soldering Machines
- Hand Soldering
- Robot Extraction
- Gluing
- Potting
- Conformed Coating



FE Series Smart Filtration System

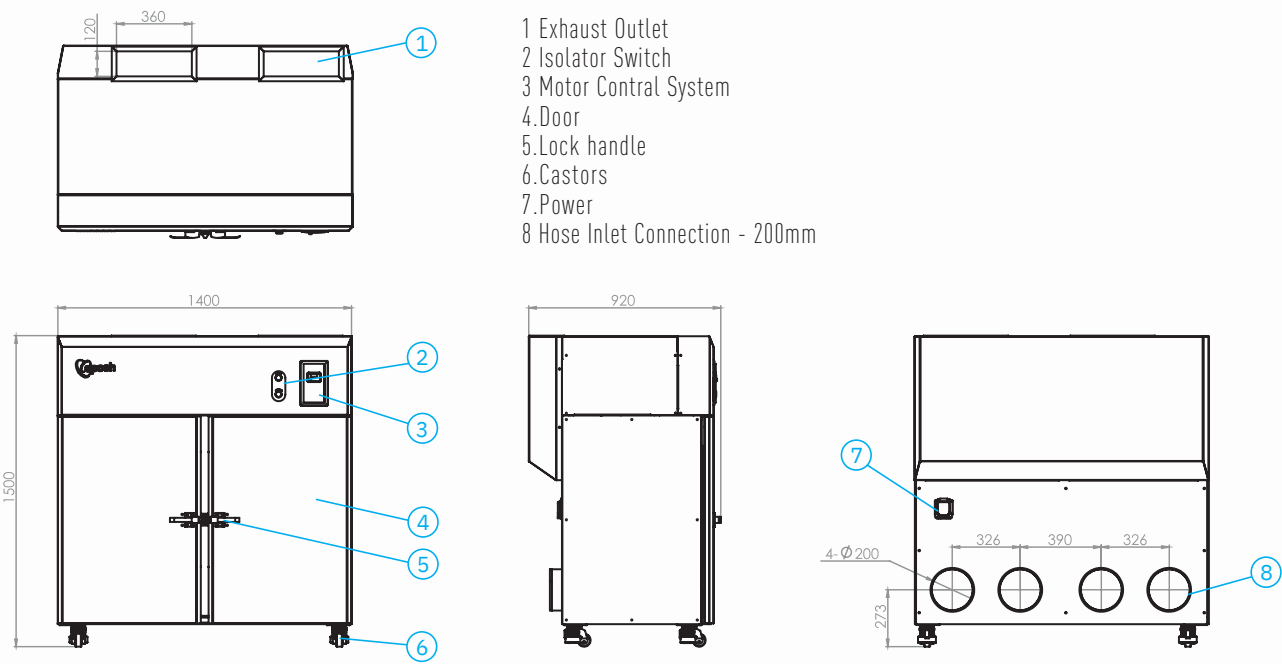
TECHNICAL DATA

	FE0001	FE0002
SIZE (H X W X D)	1500 X 1412 X 903	1500 X 800 X 903
Airflow	1300 m3/hr	650 m3/hr
Power	1.5 kW	0.75 kW
Voltage	380 Vac / 50Hz	380 Vac / 50Hz
Weight	360 kg	200 kg
Filtering Effect	0.3µm,99.97%	0.3µm,99.97%

FILTER SPECIFICATIONS

	FILTER EFFICENCY	MEDIA
Pre Filter	G3(>5µm)	Non-woven fabric, Nylon
Intermediate Filter	F7(1~5µm)	Non-woven fabric, Glass fibre
HEPA Filter	H13 (0.3µm) VOC	Glass fibre
Activated Carbon	adsorption	Active carbon granule (ACG)

TECHNICAL SPECIFICATIONS



Filters can be ordered directly from PTC Sales. If you have specific applications or requirements, please don't hesitate to contact us for further assistance.

OPTIONS

Smart filtrations system

Automatic flow control system

Remote controller

Auto reminder for filter change

ABOUT US

Pacific Trinetics Corporation (PTC) has been dedicated to providing innovative, state-of-the-art process equipment and automation systems for the electronics industry since 1987.

A U.S. company headquartered in California's Silicon Valley PTC is globally renowned for its equipment quality and durability in the multilayer electronic components industry. From large established names to startups to laboratories in the academia users of our equipment manufacture LTCC, HTCC, MLCC, MLPC, MLI, MLV, and Solid-State Li Batteries.

PTC's Process and Factory Automation Division builds on years of experience, partnering with industry leaders to streamline and automate production facilities towards becoming smart factories. PTC's expertise in automation, IoT and Big Data analysis has helped companies excel in Industry 4.0.

Address: 2383 Bering Drive, San Jose, CA 95131 USA

E-mail: info@ptchips.com

Tel: (510) 556-1164

Fax: (510) 556-1525

Website: www.ptchips.com

Revised: 01/30/24

Information in this datasheet is subject to change without notice. Equipment specifications should be confirmed with the PTC sales team, your local authorized PTC sales representative or distributor, or the factory prior to purchase.