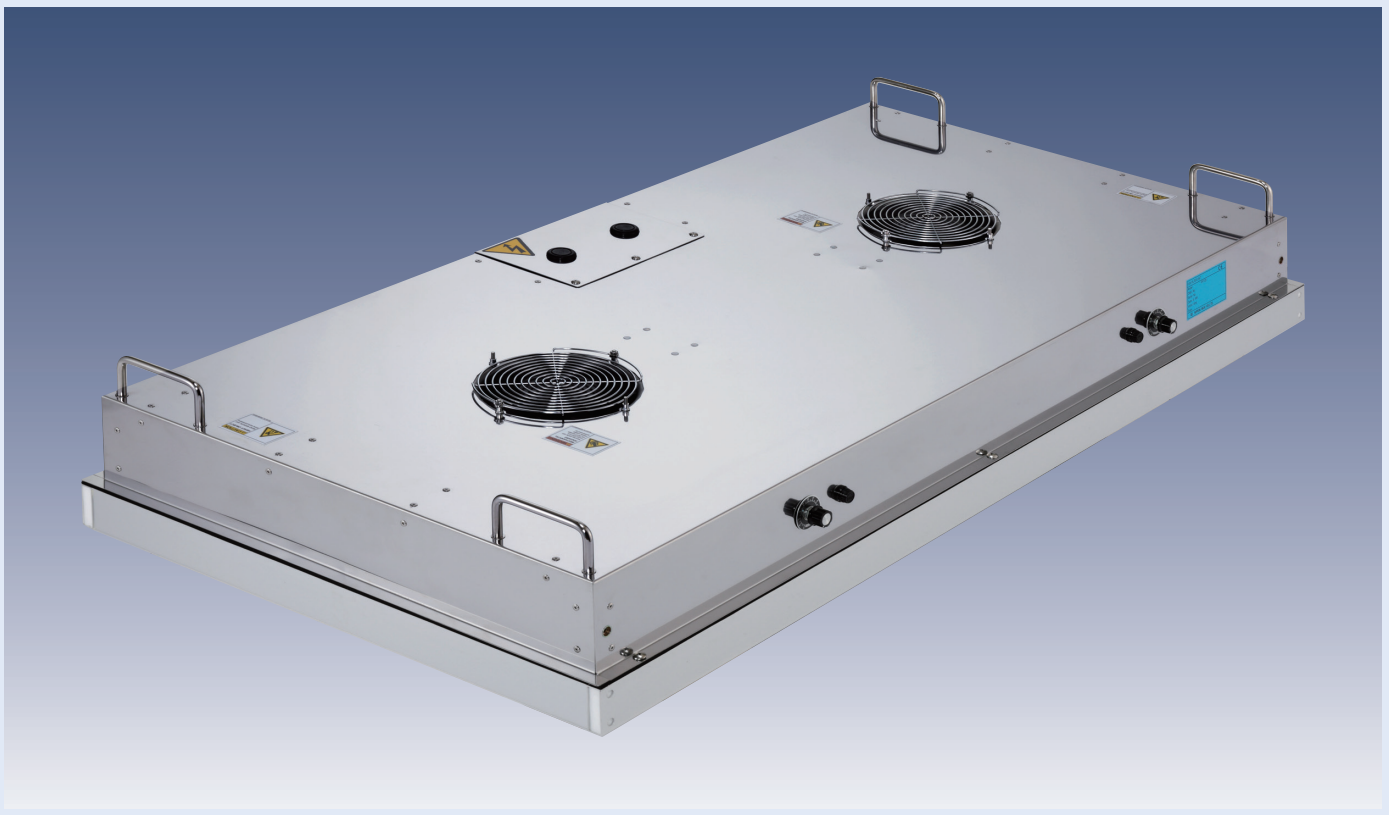


Support CE Marking

## Equipment Use

# ULTRA THIN FAN FILTER UNIT (PFT-CE)



## Features

(1) Compliant with CE marking\*1. The compatible directives\*2 are as follows.

- Machinery Directive (2006/42/EC): Mechanical safety
- EMC Directive (2014/30/EU): Electromagnetic compatibility

(2) This product can be installed in a narrow place.

(3) Air flow control and operating status output (pulse output) functions as standard, and optimal for incorporation into various types of equipment.

\*1: This device is for mounting onto machinery, and is compliant with CE marking while receiving power supply from the host machine. When using the PFT-CE on its own, note that it is not compliant with CE marking.

\*2: The Low Voltage Directive (2014/35/EU) is not within the applicable scope.

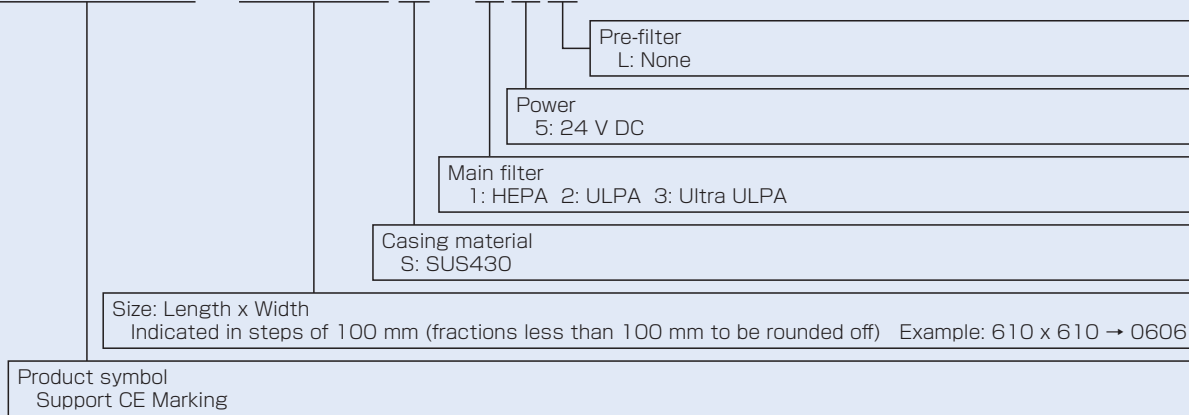
- Applicable scope of the Low Voltage Directive: 50 – 1,000 V AC, 75 – 1,500 V DC
- Power of the super-thin fan filter unit (PFT-CE): 24 V DC

## Application

Semiconductor / liquid crystal manufacturing equipment, Inspection equipment, etc.

Description of Type

PET-CE-0606S-15L



Standard Specifications

Module		610×610			610×1220			
Model		PFT-CE-0606S-15L	PFT-CE-0606S-25L	PFT-CE-0606S-35L	PFT-CE-0612S-15L	PFT-CE-0612S-35L	PFT-CE-0612S-35L	
Outer dimensions	Width	610mm	610mm		610mm	610mm		
	Length	610mm	610mm		1220mm	1220mm		
	Depth	152mm	167mm		152mm	167mm		
Composition	Casing	SUS430						
	Blower	Axial flow fan, 1 unit			Axial flow fan, 2 units			
	Filter	Grade	HEPA	ULPA	Ultra ULPA	HEPA	ULPA	Ultra ULPA
		Particle collection rate	Low organic, low-boron 99.99% or more (0.3µm, PSL)	Low organic, low-boron 99.9995% or more (0.1µm, PSL)	Boron-free 99.99995% or more (0.1µm, PSL)	Low organic, low-boron 99.99% or more (0.3µm, PSL)	Low organic, low-boron 99.9995% or more (0.1µm, PSL)	Boron-free 99.99995% or more (0.1µm, PSL)
		Spec	UL compliant product, with Faceguard					
	Accessories	Fittings: 4 pcs.						
Rated airflow	10 m³/min. (variable)			20 m³/min. (variable)				
External static pressure	120Pa	100Pa	150Pa	120Pa	100Pa	150Pa		
Power supply	24 V DC							
Current value	Apporox. 6 A			Apporox. 12 A				
Weight	Apporox.10 kg	Apporox.11 kg		Apporox.17 kg	Apporox.18 kg			
Remarks	(1) This device is for mounting onto machinery, and is compliant with CE marking while receiving power supply from the host machine. The applicable directives are as follows. (a) Machinery Directive (2006/42/EC) (b) EMC Directive (2014/30/EU) (2) The airflow can be controlled with an air flow control knob located on the side of the main body. (3) 2 pulses/rotation can be outputted according to the rotation frequency of the blower.							

The catalog is subject to change without any prior notice.



Creating comfortable environments

NIPPON MUKI CO., LTD.

Head Office:  
Nissin Ueno Bldg., 5-1-5, Higashi-ueno, Taito-ku, Tokyo, 110-0015, Japan Tel.+81-3-6860-7501

Tohoku Office:  
Sompo Japan Sendai KY Bldg., 3-10-19, Chuo, Aoba-ku, Sendai, Miyagi, 980-0021, Japan Tel.+81-22-266-7531

Osaka Office:  
GROZ-BECKERT Bldg., 4-6-16, Hirano-machi, Chuo-ku, Osaka, 541-0046, Japan Tel.+81-6-6201-3751

Chubu Office:  
Nagoya Joho Center Bldg., 2-2-17, Sakae, Naka-ku, Nagoya, Aichi, 460-0008, Japan Tel.+81-52-202-9911

Kyushu Office:  
ND Bldg., 1-4-1, Daimyo, Chuo-ku, Fukuoka City, 810-0041, Japan Tel.+81-92-715-1651

Hiroshima Office:  
Otemachi Center Bldg., 2-8-5, Otemachi, Naka-ku, Hiroshima, 730-0051, Japan Tel.+81-82-248-3920

NIPPON MUKI (SUZHOU) CO., LTD.:  
No.116 Changyang Street, SIP, Suzhou, 215126, China Tel.+86-521-6507-7780

<http://www.nipponmuki.co.jp/>