



PRODUCT CERTIFICATION  
BODY

**CEPROM<sup>®</sup> S.A.**

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## CERTIFICATE OF CONFORMITY

No. 4144-CI-32025

Technical File No. 4144-CI-32025/ DGPA-2025001-A1

<b>Applicant:</b> <b>DONGGUAN PURE-AIR TECH CO., LIMITED</b> 5th Floor, Building A, Han's Tech City, Dalingshan, Dongguan, China.	<b>Manufacturer:</b> <b>DONGGUAN PURE-AIR TECH CO., LIMITED</b> 5th Floor, Building A, Han's Tech City, Dalingshan, Dongguan, China.
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### Description of product:

Product: **FUME EXTRACTOR**

Model: **See Annex**

Reference standards: **EN ISO 12100:2010, EN 60204-1:2018**

Based on our assessment we confirm that the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

### **Machinery Directive 2006/42/EC**

The manufacturer shall affix the CE marking to each product that is in conformity with those described in this Certificate, after completion of the EC Declaration of Conformity and in accordance with the above directive.

The manufacturer must ensure the assessment of conformity with internal controls on the manufacture of the above product, in accordance with Annex VIII of 2006/42/EC Directive;

The assessment activity for the product described in this Certificate of Conformity was carried out in compliance with Scheme 1a, cf. EN ISO/IEC 17067:2013 with Assessment Report and doesn't belong to the products listed in Annex IV of 2006/42/EC Directive which is under harmonised European Union product legislation.

This Certificate of Conformity was issued on voluntary basis of manufacturer and is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

**Annex: Product identification - 5 pages**

**Issuing Date: 30.06.2025**

**Expiry Date: 29.06.2030**



**EUROPEAN UNION**  
Satu Mare, Romania

**GENERAL MANAGER**

*eng. Cristian SOPONOS*



**CEPROM-CERT Manager**

*eng. Vasile ZELE*

E.S.

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ANNEX  
to the Certificate of Conformity no. 4144-CI-32025

## PRODUCT IDENTIFICATION

The Product:

**FUME EXTRACTOR**

\*models:

*PA-F200s, PA-F250s, PA-F350s, PA-F250d, PA-F350d, PA-FS300, PA-FS400, PA-FS400i, PA-FS500, PA-FS500i, PA-FS700i, PA-FS800, PA-FS800i, PA-FS1600, PA-FS1600i, PA-FS2400, PA-FS2400i, PA-FGS800, PA-FGS800i, PA-FGS1600, PA-FGS1600i, PA-FGS2400, PA-FGS2400i, PA-D250, PA-D350, PA-D500, PA-D700i, PA-D800, PA-D800i, PA-D1600, PA-D1600i, PA-D2400, PA-D2400i, PA-DS400, PA-DS400i, PA-DS500, PA-DS500i, PA-DS800, PA-DS800i, PA-DS1600, PA-DS1600i, PA-DS2400, PA-DS2400i, PA-DFS800, PA-DFS800i, PA-DFS1600, PA-DFS1600i, PA-DFS2400, PA-DFS2400i*

\*manufactured by:

**DONGGUAN PURE-AIR TECH CO., LIMITED.**

\*headquarters address: *5th Floor, Building A, Han's Tech City, Dalingshan, Dongguan, China.*

\*place of manufacture: *5th Floor, Building A, Han's Tech City, Dalingshan, Dongguan, China.*

\*domain of use: *This product is used on medium power laser cutting, engraving, marking, coding and welding equipment to filtrate laser fume & toxic gas.*

Technical File content:

- *General description of the product;*
- *General drawing and drawings of the control circuits;*
- *Full detailed drawings required to check the conformity;*
- *The documentation on risk assessment;*
- *The list of standards used;*
- *Technical report giving the results of the test;*
- *Instruction manual;*
- *Declaration of conformity;*
- *The internal measures implemented to ensure product conformity with MD and LVD.*

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## PRODUCT IDENTIFICATION

The Product: **FUME EXTRACTOR**

\*constructive and functional characteristics:

Model	M.U.	PA-F200s	PA-F250s	PA-F350s	PA-F250d	PA-F350d
Airflow	m <sup>3</sup> /hr	200	250	350	200	350
Pressure	Pa	2700	2800	3700	2700	3700
Rated power	kW	0.105	0.2	0.35	0.2	0.35
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz				
Filter	Pre filter	-	F5 pad (95%@1um)			
			F8 deeppleat filter (95%@0.9um)			
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)			
			Treated activated carbon			
Noise level *	dB(A)	< 55	< 60	< 63	< 60	< 63
Dimensions (WxDxH)	mm	270x250x351	430x250x412	520x310x515	430x250x412	520x310x515
Weight	kg	7	14.5	20.5	15	21
Inlet size	mm	50 / 75				
Cabinet construction	-	Powder coated mild steel / Brushed stainless steel				

Model	M.U.	PA-FS300	PA-FS400 PA-FS400i	PA-FS500 PA-FS500i	PA-FS700i	PA-FS800 PA-FS800i
Airflow	m <sup>3</sup> /hr	300	400	500	700	800
Pressure	Pa	3700	8000	10000	10000	10000
Rated power	kW	0.35	1.0	1.1	1.3	1.3
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz				
Filter	Pre filter	-	F8 deeppleat filter (95%@0.9um, surface media area 12m <sup>2</sup> - 30m <sup>2</sup> approx)			
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)			
			Treated activated carbon (Weight 12-30kgs approx)			
Noise level *	dB(A)	< 58	< 60	< 60	< 62	< 63
Dimensions (WxDxH)	mm	560x310x635	400x482x1030	500x562x1040	500x562x1040	
Weight	kg	35	50	83	86	86
Inlet size	mm	50 / 75	75 / 100	75 / 100	100 / 125	100 / 125
Cabinet construction	-	Powder coated mild steel / Brushed stainless steel				

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## ANNEX

to the Certificate of Conformity no. 4144-CI-32025

## PRODUCT IDENTIFICATION

**The Product: FUME EXTRACTOR**

\*constructive and functional characteristics:

Model		M.U.	PA-FS1600 PA-FS1600i	PA-FS2400 PA-FS2400i
Airflow		m <sup>3</sup> /hr	1600	2400
Pressure		Pa	10000	10000
Rated power		kW	2.3	3.5
Input voltage / Frequency		-	90v-110v / 210-257v, 1ph, 50/60Hz	
Filter	Pre filter	-	F8 deeppleat filter (95%@0.9um, surface media area 12m <sup>2</sup> - 30m <sup>2</sup> approx)	
	Main filter	-	H14 deeppleat filter (99.997% @0.3um) Treated activated carbon (Weight 12-30kgs approx)	
Noise level *		dBA	< 65	< 68
Dimensions (WxDxH)		mm	670x769x1356	750x907x1341
Weight		kg	185	205
Inlet size		mm	150	200
Cabinet construction		-	Powder coated mild steel / Brushed stainless steel	

Model		M.U.	PA-FGS800 PA-FGS800i	PA-FGS1600 PA-FGS1600i	PA-FGS2400 PA-FGS2400i
Airflow		m <sup>3</sup> /hr	800	1600	2400
Pressure		Pa	10000	10000	10000
Rated power		kW	1.3	2.3	3.5
Input voltage / Frequency		-	90v-110v / 210-257v, 1ph, 50/60Hz		
Filter	Pre filter	-	PTFE cartridge filter with natural mineral powder		
	Main filter	-	H14 deeppleat filter (99.997% @0.3um) Treated activated carbon (Weight 12-30kgs approx)		
Noise level *		dBA	< 62	< 65	< 68
Dimensions (WxDxH)		mm	500x597x1439	670x834x1705	750x907x1698
Weight		kg	128	210	241
Inlet size		mm	100 / 125	150	200
Cabinet construction		-	Powder coated mild steel / Brushed stainless steel		

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## PRODUCT IDENTIFICATION

The Product: **FUME EXTRACTOR**

\*constructive and functional characteristics:

Model	M.U.	PA-D250	PA-D350	PA-D500	PA-D700i	PA-D800 PA-D800i
Airflow	m <sup>3</sup> /hr	250	350	500	700	800
Pressure	Pa	2700	3700	10000	10000	10000
Rated power	kW	0.2	0.35	1.1	1.3	1.3
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz				
Filter	Pre filter	-	F8 accordion filter bag (95%@0.9um)			
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)			
Noise level *	dBa	< 55	< 60	< 65d	< 62	< 63
Dimensions (WxDxH)	mm	520x360x555			500x597x1296	500x597x1296
Weight	kg	22	23.5	25	86	86
Inlet size		50 / 75		75 / 100	100 / 125	100 / 125
Cabinet construction		Powder coated mild steel / Brushed stainless steel				

Model	M.U.	PA-D1600 PA-D1600i	PA-D2400 PA-D2400i
Airflow	m <sup>3</sup> /hr	1600	2400
Pressure	Pa	10000	10000
Rated power	kW	2.3	3.5
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz	
Filter	Pre filter	-	-
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)
Noise level *	dBa	< 65	< 68
Dimensions (WxDxH)	mm	670x794x1570	750x907x1564
Weight	kg	180	200
Inlet size	mm	150	200
Cabinet construction	-	Powder coated mild steel / Brushed stainless steel	

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## PRODUCT IDENTIFICATION

The Product: **FUME EXTRACTOR**

\*constructive and functional characteristics:

Model	M.U.	PA-DS400 PA-DS400i	PA-DS500 PA-DS500i	PA-DS800 PA-DS800i	PA-DS1600 PA-DS1600i	PA-DS2400 PA-DS2400i
Airflow	m <sup>3</sup> /hr	400	500	800	1600	2400
Pressure	Pa	8000	10000	10000	10000	10000
Rated power	kW	1.0	1.1	1.3	2.3	3.5
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz				
Filter	Pre filter	-	F8 accordion filter bag (95%@0.9um)			
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)			
			Treated activated carbon (Weight 12-30kgs approx)			
Noise level *	dBA	< 58	< 60	< 63	< 65	< 68
Dimensions (WxDxH)	mm	400x482x941	550x562x1091	550x562x1091	720x769x1389	800x907x1374
Weight	kg	45	72	75	164.5	201
Inlet size	mm	50 / 75	75 / 100	100 / 125	150	200
Cabinet construction	-	Powder coated mild steel / Brushed stainless steel				

Model	M.U.	PA-DFS800 PA-DFS800i	PA-DFS1600 PA-DFS1600i	PA-DFS2400 PA-DFS2400i
Airflow	m <sup>3</sup> /hr	800	1600	2400
Pressure	Pa	10000	10000	10000
Rated power	kW	1.3	2.3	3.5
Input voltage / Frequency	-	90v-110v / 210-257v, 1ph, 50/60Hz		
Filter	Pre filter	-	Flame retardant PTFE cartridge filter	
	Main filter	-	H14 deeppleat filter (99.997% @0.3um)	
			Treated activated carbon (Weight 12-30kgs approx)	
Noise level *	dBA	< 62	< 65	< 68
Dimensions (WxDxH)	mm	500x597x1439	670x834x1705	750x907x1698
Weight	kg	121	200	237
Inlet size	mm	100 / 125	150	200
Cabinet construction	-	Powder coated mild steel / Brushed stainless steel		

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