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PURE-AIR

Professional Manufacturer of Fume Extractor, Dust Collector,
Explosion-proof Dust Collector, High Vacuum Cleaner.

www.pure-airtech.com



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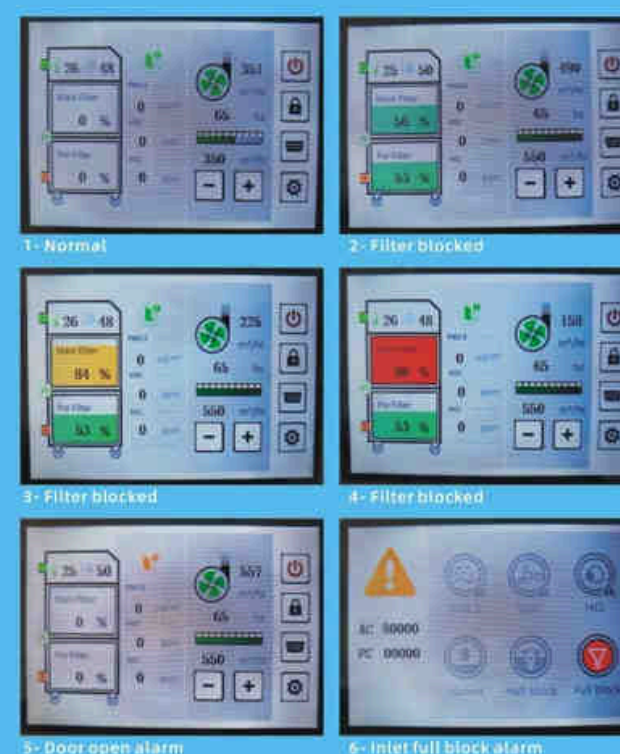
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NEW IQ2 intelligent control system
and IoT platform01 New IQ2 intelligent control system
(Patent No. ZL 201920337457.X)

- (1) High-contrast color touch screen for convenient real-time viewing of purifier operating data.
- (2) Automatic flow control. After setting the required air volume, the system will automatically control the fan to maintain the set air volume.
- (3) Monitor and display the blocking percentage of each layer of filters in real time, and different colors in different intervals.
- (4) The air inlet is blocked and alarmed. When the air volume at the air inlet is too low or blocked, the system will automatically alarm and stop.
- (5) High temperature alarm of main filter. When the temperature of the main filter layer exceeds the effective use temperature of the activated carbon, the system will alarm and stop automatically.
- (6) Safe operation monitoring. When the system detects that the main filter is not installed or installed incorrectly, the system will alarm and stop automatically.
- (7) It can be equipped with PM2.5, VOC, HCL and other sensors to monitor and display the outlet air quality in real time.
- (8) Three remote communication and control methods can be selected: I / O interface, RS485 and LORA, NB-IOT, GPRS wireless communication.
- (9) FS-IQ and FS-HP-IQ series models can be equipped with IQ2 intelligent control system.

02 New IoT Intelligent Environment Monitoring and Governance Platform (Software Certificate Registration No. 2019SR0467182)

- (1) B / S mode IoT cloud platform, convenient for viewing data.
- (2) A variety of wireless sensors can be connected to perform real-time monitoring and early warning of indoor and outdoor environments.
- (3) The fume extractor can be connected, and the status of it can be known at any time through the computer / mobile phone.
- (4) The environmental monitoring data can be connected to the local environmental protection department system.

■ Laser Marking & Coding Fume Extractor

🔧 Applications:

laser marking, engraving, scribing, coding, etc.

🔧 Features and benefits:

- Small body, low running noise, equipped with casters, easy to move;
- TS-IQ, TD-IQ, FS-IQ series are equipped with low power consumption, maintenance-free, large air volume brushless fans, stable operation and long service life. TS-LD-HP-IQ series is equipped with high negative pressure brushless fan, with large suction power;
- It can realize air volume adjustment, LCD display can check the air volume and gear of the machine;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of fumes, odor and harmful gases. Can be equipped with special filter element to purify fumes and harmful gas from PVC material;
- Smoke and dust filtering efficiency is up to 99.7%@0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

🔧 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



FS-IQ SERIES

PA-700FS-IQ PA-1500FS-IQ
PA-2000FS-IQ PA-3000FS-IQ



FS-HP-IQ SERIES

PA-400FS-HP-IQ PA-500FS-HP-IQ
PA-1000FS-HP-IQ PA-1500FS-HP-IQ



TS-LT-HP-IQ SERIES

PA-400TS-LT-HP-IQ PA-1000TS-LT-HP-IQ
PA-1500TS-LT-HP-IQ



FS SERIES

PA-700FS PA-1000FS
PA-1500FS

★ Please check detailed parameters in P15-P17.

■ Laser Cutting and Engraving of Non-metals Fume Extractor

🔧 Applications:

Laser cutting and engraving of acrylic, plastic, paper, wood, plywood, density board, rubber board, two-color board, polarizer and other materials.

🔧 Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- FS-IQ series is equipped with low power consumption, maintenance-free, large air volume brushless fan, stable operation and long service life. FS-HP-IQ series is equipped with high negative pressure brushless fan, with large suction power;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of smoke, odor and harmful gases. Can be equipped with special filter element to purify smoke and harmful gas from PVC material;
- Smoke and dust filtering efficiency is up to 99.7%@0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

🔧 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



TS-IQ SERIES

PA-300TS-IQ
PA-500TS-IQ



TD-IQ SERIES

PA-300TD-IQ
PA-500TD-IQ



TS-LD-IQ SERIES

PA-400TS-LD-IQ
PA-500TS-LD-IQ



TS-LD-HP-IQ SERIES

PA-400TS-LD-HP-IQ
PA-500TS-LD-HP-IQ

★ Please check detailed parameters in P15-P17.

■ Laser Cleaning, Scribing & Drilling Fume Extractor

🕒 Applications:

laser scribing of solar panels, laser cutting and drilling of circuit boards, laser etching, etc.

🔧 Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- Brushless fan with high negative pressure, large suction, stable operation and long service life;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of soot, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

🔧 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



SH/SA SERIES

PA-1000SH/PA-1000SA
PA-3600SH/PA-3600SA

PA-1500SH/PA-1500SA
PA-4500SH/PA-4500SA

PA-2400SH/PA-2400SA
PA-5000SA

CT SERIES

PA-6000CT
PA-10000CT

PA-8000CT
PA-12000CT

- Please check detailed parameters in P15-P17.

■ Laser Cutting, Welding & Cladding of Metals Fume & Dust Extractor

🕒 Applications:

laser cutting, welding and cladding of carbon steel, stainless steel, aluminum, copper plate and other metal materials.

🔧 Features and benefits:

- Special structure design, small body size, low running noise and movable;
- Dedicated aluminum alloy impeller and brand motor, perfect combination of negative pressure and flow. Stable operation, low failure rate and continuous operation;
- The electronic control element adopts thermal overload protection, phase loss and phase sequence protection, and high safety. And can achieve remote linkage control functions;
- It is equipped with TORAY polyester fiber coated filter cartridge, the dust filtration efficiency is up to 99.7% @ 0.3 microns (self-tested by our company);
- A fire blocking device and a dust box are installed at the air inlet to prevent sparks from contacting the filter cartridge and damage the coating layer on the surface of the filter cartridge to prolong the service life of the filter element;
- The SA and CT series models are equipped with a specially designed automatic rotating pulse back flushing device, which has a good dust cleaning effect;
- Special air duct and noise reduction design to reduce machine noise;
- Stainless steel cabinet can be customized according to customer requirements.

🔧 Working principle:

The high-performance fan generates negative pressure, sucks smoke and exhaust gas into the filter, and purifies it by imported material with high efficiency membrane filter cartridge before discharging.



TS-1Q SERIES

PA-500TS-1Q



LD-1Q SERIES

PA-500LD-1Q



TS-LD-HP-1Q SERIES

PA-400TS-LD-HP-1Q PA-1000TS-LD-HP-1Q
PA-1500TS-LD-HP-1Q

- Please check detailed parameters in P15-P17.

Manual & Automatic Soldering Fume Extractor

Applications:

Manual soldering, automatic soldering, immersion tin, manual repair of PCB boards, etc.

Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- Low power cotton maintenance brushless fan, stable operation and long service life;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of fumes, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



FS-HP-IQ SERIES

PA-1000FS-HP-IQ PA-1500FS-HP-IQ

• Please check detailed parameters in P15-P17.



FS-IQ SERIES

PA-3000FS-IQ

Wave Soldering & Reflow Soldering Fume Extractor

Applications:

Wave soldering, reflow soldering, selective soldering, etc.

Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- FS-IQ series is equipped with low power consumption, maintenance-free, large air volume brushless fan, stable operation and long service life. FS-HP-IQ series is equipped with high negative pressure brushless fan, with large suction power;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system comes with a filter clogged alarm function, prompting customers to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of smoke, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



TS-IQ SERIES

PA-300TS-IQ

TD-IQ SERIES

PA-300TD-IQ
PA-500TD-IQ

FS-IQ SERIES

PA-500FS-IQ PA-700FS-IQ
PA-1500FS-IQ PA-2000FS-IQ

FS-HP-IQ SERIES

PA-400FS-HP-IQ PA-500FS-HP-IQ
PA-1000FS-HP-IQ PA-1500FS-HP-IQ



Metal Processing Dust Collector

www.pure-airtech.com



Dust Collector for Cutting, Grinding, Polishing & Metal Welding

Applications:

Cutting, grinding, polishing, welding of carbon steel, stainless steel, aluminum, copper plate and other metal materials.

Features and benefits:

- Special structure design, small body size, low running noise and movable;
- Dedicated aluminum alloy impeller and brand motor, perfect combination of negative pressure and flow. Stable operation, low failure rate and continuous operation;
- The electronic control element adopts thermal overload protection, phase loss and phase sequence protection, and high safety. And can achieve remote linkage control and other functions;
- It is equipped with Toray polyester fiber coated filter cartridge, the dust filtration efficiency is up to 99.7% @ 0.3 microns (self-tested by our company);

Working principle:

The high-performance fan generates negative pressure, sucks smoke and exhaust gas into the filter, and purifies it by imported material with high efficiency membrane filter cartridge before discharging.

- A fire blocking device and a dust box are installed at the air inlet to prevent sparks from contacting the filter cartridge and damage the coating layer on the surface of the filter cartridge to prolong the service life of the filter cartridge;
- The SA and CT series models are equipped with a specially designed automatic rotating pulse back flushing device, which has a good dust cleaning effect;
- Special air duct and noise reduction design to reduce machine noise;
- Stainless steel cabinet can be customized according to customer requirements.

✓ Metal cutting, polishing & dust collector



SH/SA SERIES

PA-1500SH/PA-1500SA PA-2400SH/PA-2400SA PA-3600SH/PA-3600SA PA-4500SH/PA-4500SA PA-5000SA

- Please check detailed parameters in P15-P17.

✓ Mobile Welding fume extractor



SH-X/SA-X SERIES

PA-1000SH-X/PA-1000SA-X PA-1500SH-X/PA-1500SA-X
PA-2400SH-X/PA-2400SA-X

- Please check detailed parameters in P15-P17.

DA-X SERIES

PA-3600DA-X/PA-4500DA-X

✓ Polishing filtration table



DM-SA SERIES

PA-2400DM-SA PA-3000DM-SA



Inkjet Printing Fume Extractor

www.pure-airtech.com



Inkjet Printing, Sublimation printing Fume Extractor

Applications:

Large-format digital printing, UV printing, solvent ink printing, sublimation dye printing, etc.

Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- Brushless fan with high negative pressure, large suction, stable operation and long service life;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of smoke, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.



✓ Inkjet printing fume extractor



FS-HP-10 SERIES

A-500FS-HP-10 PA-1000FS-HP-10 PA-1500FS-HP-10

- Please check detailed parameters in P15-P17.

✓ Sublimation printing fume extractor



FSD-HP-10 SERIES

PA-400FSD-HP-10 PA-800FSD-HP-10 PA-1200FSD-HP-10

- Please check detailed parameters in P15-P17.

■ Composite & Metal 3D Printing Fume Extractor

🔍 Applications:

3D printing of metal materials, composite materials, etc.

🔍 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



🔍 Features and benefits:

- Small body, low running noise, casters installed, easy to move;
- Low power consumption, maintenance-free brushless fan, stable operation and long service life;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function, prompting to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of smoke, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.



🔍 Composite material 3D printing fume extractor



FS-10 SERIES

PA-500FS-10

PA-1500FS-10

🔍 Metal material 3D printing fume extractor



TS-10-10 SERIES

PA-500TS-10-10

PA-1500TS-10-10

• Please check detailed parameters in P15-P17.

■ Desktop Nail Dust Collector

🔍 Applications:

Nail polish, smear, baking, etc.

🔍 Working principle:

- Small body and low noise, can be placed directly on the manicure table;
- Low power consumption, maintenance-free brushless fan, stable operation and long service life;
- Equipped with ergonomic sanding vacuuming table. Can be used alone or installed on the manicure table;



TS-10 SERIES

PA-150TS-10 + Vacuum table

🔍 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.

- Multi-stage large-capacity filters to ensure efficient purification of dust, odor and harmful gases;
- The filter element is easy to replace and can be replaced separately, which reduces the use cost;
- Stainless steel cabinet can be customized according to customer requirements.



■ Beauty Salon Mobile Smoke Purifier

🔍 Applications:

Beauty, hairdressing, etc.

🔍 Working principle:

- Small body, low running noise, casters installed, easy to move;
- Low power consumption, maintenance-free brushless fan, stable operation and long service life;
- It can realize air volume adjustment, LCD display screen can check the air volume and gear of the machine in real time;
- The control system has a filter clogged alarm function to prompt customers to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine.
- Multi-stage large-capacity filters to ensure efficient purification of smoke, odor and harmful gas;



TS-10 SERIES

PA-300TS-10



TD-10 SERIES

PA-300TS-10 + Vacuum table

🔍 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.

- Smoke and dust filtering efficiency is up to 99.7% @ 0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.
- Equipped with high-quality universal adjustment to support smoking bamboo tube and large-caliber transparent smoking hood to ensure efficient smoke and odor.



■ Tooth Transplantation & Restoration Dust Collector

🔍 Applications:

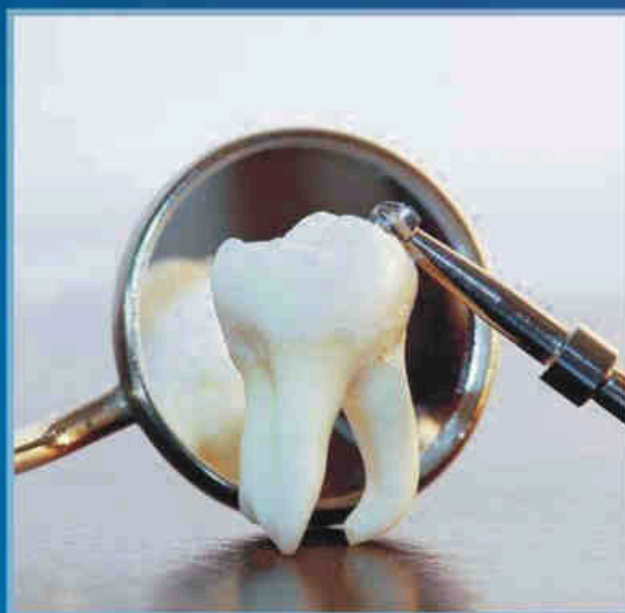
Dental transplantation and restoration, denture restoration and finishing, etc.

🔍 Features and benefits:

- Metal frame structure design, small body size, low running noise, equipped with casters, easy to move;
- TS-IQ series is equipped with low power consumption, maintenance-free, large air volume brushless fan, stable operation and long service life. TS-LD-HP-IQ series is equipped with high negative pressure brushless fan, with large suction power;
- It can realize air volume adjustment, LCD display can check the air volume and gear of the machine;
- The control system has a filter clogged alarm function to prompt customers to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of dust, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7%@0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

🔍 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



TS-LD-HP-IQ SERIES

PA-400TS-LD-HP-IQ

PA-500TS-LD-HP-IQ

PA-1000TS-LD-HP-IQ

PA-1500TS-LD-HP-IQ

• Please check detailed parameters in P15-P17.

■ Denture CNC Grinding Dust Collector

🔍 Applications:

CNC machining, grinding, etc. of dentures.

🔍 Features and benefits:

- Metal frame structure design, small body size, low running noise, equipped with casters, easy to move;
- Brushless fan with high negative pressure, large suction, long service life and stable operation;
- It can realize air volume adjustment, LCD display can check the air volume and gear of the machine;
- The control system has a filter clogged alarm function to prompt customers to replace the filter in time;
- Equipped with a wireless remote control to facilitate remote operation of the machine. Can also configure remote linkage start-stop interface;
- Multi-stage large-capacity filters to ensure efficient purification of dusts, odor and harmful gas;
- Smoke and dust filtering efficiency is up to 99.7%@0.3 microns (self-tested by our company), which can be discharged indoors;
- The filter element can be replaced separately, which reduces the use cost of the filter element, and it is more convenient to maintain and replace the filter element;
- Stainless steel cabinet can be customized according to customer requirements.

🔍 Working principle:

The high-performance brushless fan generates negative pressure, sucks smoke and exhaust gas into the purifier, and then discharges it after purification by a multi-stage filter.



TS-IQ SERIES

PA-300TS-IQ

PA-500TS-IQ

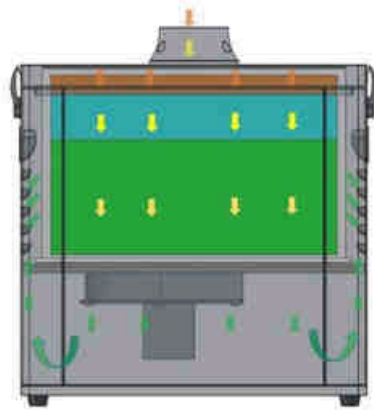


TS-LD-HP-IQ SERIES

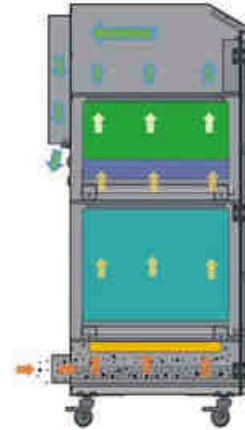
PA-400TS-LD-HP-IQ

• Please check detailed parameters in P15-P17.

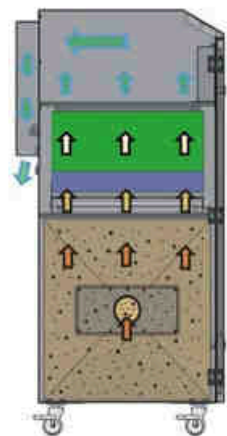
Purification Schematic



TS-IQ/TD-IQ Series
purification schematic



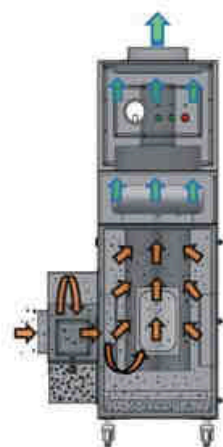
FS-IQ/FS-HP-IQ/FSD-HP-IQ/FS-IQ2 Series
purification schematic



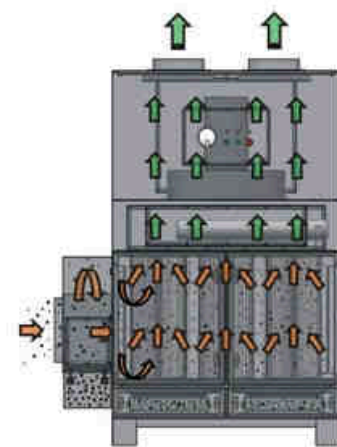
TS-LD-IQ/TS-LD-HP-IQ Series
purification schematic



TS-LT-HP-IQ Series
purification schematic



SH/SA/DH/DA, SH-X/SA-X/DH-X/DA-X
Series purification schematic



CT Series
purification schematic

Detailed Parameters

TS-IQ / TD-IQ Series					
Model	PA-150TS-IQ	PA-300TS-IQ	PA-300TD-IQ	PA-500TS-IQ	PA-500TD-IQ
Max Air Flow	150 m³/h	300 m³/h	2*150 m³/h	500 m³/h	2*250 m³/h
Max Pressure	2000 Pa	2500 Pa		3200 Pa	
Input Power	0.08 KW	0.2 KW		0.35 KW	
V / F	110V / 220V, 50-60HZ				
Filter Type	F5 Filter pad (190*190*20mm)	F5 Filter pad (180*350*20mm)			
	F8 deep pleat filter (190*190*50mm)	F8 deep pleat filter (180*350*50mm)			
	H13 deep pleat filter (200*200*200mm)	H13 deep pleat filter + Gas filter (190*360*210mm)			
Noise	≤51 dBA	≤55 dBA	≤56 dBA	≤60 dBA	≤62 dBA
Machine Size	240*380*257mm	250*430*412mm		310*520*515mm	
Net Weight	10 kg	15 kg	17 kg	22 kg	24 kg
Inlet Diameter	50 mm	50 mm / 75 mm			

FS-IQ Series					
Model	PA-400FS-IQ	PA-500FS-IQ / PA-700FS-IQ	PA-1500FS-IQ	PA-2000FS-IQ	PA-3000FS-IQ
Max Air Flow	400 m ³ /h	500 m ³ /h / 700 m ³ /h	1500 m ³ /h	2000 m ³ /h	3000 m ³ /h
Max Pressure	3200 Pa	3200 Pa / 3800 Pa	3800 Pa	4000 Pa	3800 Pa
Input Power	0.35 KW	0.35 KW / 0.6 KW	1.1 KW	2.0 KW	2.2 KW
V / F	110V / 220V, 50-60HZ				
Filter Type	F5 Filter pad (200*300*20mm)	F5 Filter pad (350*400*20mm)	F5 Filter pad (350*400*20mm)	F5 Filter pad (400*500*20mm)	F5 Filter pad 2*(350*400*20mm)
	F8 deep pleat filter (300*300*200mm)	F8 deep pleat filter (410*410*300mm)	F8 deep pleat filter (430*430*300mm)	F8 deep pleat filter (500*600*300mm)	F8 deep pleat filter 2*(430*430*300mm)
	H13 deep pleat filter (293*293*50mm)	H13 deep pleat filter (403*403*50mm)	H13 deep pleat filter (423*423*50mm)	H13 deep pleat filter (493*593*50mm)	H13 deep pleat filter 2*(423*423*50mm)
	Gas filter (300*300*140mm)	Gas filter (410*410*140mm)	Gas filter (430*430*140mm)	Gas filter (500*600*140mm)	Gas filter 2*(430*430*140mm)
Noise	≤63 dBA	≤66 dBA	≤68 dBA	≤70 dBA	≤72 dBA
Machine Size	385*457*852mm	475*577*1081mm	550*700*1188mm	670*770*1203mm	1110*700*1193mm
Net Weight	50 kg	80 kg / 85 kg	110 kg	142 kg	205 kg
Inlet Diameter	50 mm / 75 mm	75 mm / 100 mm	100 mm / 150 mm	150 mm / 200 mm	2*150 mm

FS-IQ2 Series			
Model	PA-550FS-IQ2	PA-800FS-IQ2	PA-2000FS-IQ2
Max Air Flow	550 m ³ /h	800 m ³ /h	2000 m ³ /h
Max Pressure	3600 Pa	3800 Pa	4000 Pa
Input Power	0.6 KW	1.1 KW	2.0 KW
V / F	110V / 220V, 50-60HZ		
Filter Type	F8 deep pleat filter (410*410*300mm)	F8 deep pleat filter (430*430*300mm)	F8 deep pleat filter (500*600*300mm)
	H13 deep pleat filter (403*403*50mm)	H13 deep pleat filter (423*423*50mm)	H13 deep pleat filter (493*593*50mm)
	Gas filter (410*410*140mm)	Gas filter (430*430*140mm)	Gas filter (500*600*140mm)
Noise	≤66 dBA	≤68 dBA	≤70 dBA
Machine Size	475*577*1081mm	550*700*1188mm	670*770*1203mm
Net Weight	88 kg	115 kg	145 kg
Inlet Diameter	100 mm	100 mm / 150 mm	150 mm / 200 mm

F5-HP-IQ Series				
Model	PA-400FS-HP-IQ	PA-500FS-HP-IQ	PA-1000FS-HP-IQ	PA-1500FS-HP-IQ
Max Air Flow	400 m ³ /h	500 m ³ /h	1000 m ³ /h	1500 m ³ /h
Max Pressure	9600 Pa	9600 Pa	9600 Pa	9600 Pa
Input Power	1.1 KW	1.1 KW	2.1 KW	3.0 KW
V / F	110V - 220V, 50-60HZ			
Filter Type	F5 Filter pad (350*400*20mm)	F5 Filter pad (400*500*20mm)		
	F8 deep pleat filter (410*410*300mm)	F8 deep pleat filter (500*600*300mm)		
	H13 deep pleat filter (403*403*50mm)	H13 deep pleat filter (493*593*50mm)		
	Gas filter (410*410*140mm)	Gas filter (500*600*140mm)		
Noise	≤65 dBA	≤66 dBA	≤68 dBA	≤70 dBA
Machine Size	475*577*1081mm		670*770*1203mm	
Net Weight	75 kg	115 kg	117 kg	119 kg
Inlet Diameter	75 mm / 100 mm	75 mm / 100 mm	100 mm / 125 mm	150 mm / 200 mm

FSD-HP-IQ Series			
Model	PA-400FSD-HP-IQ	PA-800FSD-HP-IQ	PA-1200FSD-HP-IQ
Max Air Flow	400 m ³ /h	800 m ³ /h	1200 m ³ /h
Max Pressure	9600 Pa	9600 Pa	9600 Pa
Input Power	1.1 KW	2.1 KW	3.0 KW
V / F	110V-220V, 50-60HZ		
Filter Type	G4 Sponge filter (500*500*100mm)		
	F8 deep pleat filter (500*600*200mm)		
	H13 deep pleat filter (493*593*50mm)		
	Gas filter (500*600*140mm)		
Noise	≤66 dBA	≤68 dBA	≤70 dBA
Machine Size		670*770*1203mm	
Net Weight	115kg	117kg	119 kg
Inlet Diameter	75 mm / 100 mm	100 mm / 125 mm	150 mm / 200 mm

FS Series			
Model	PA-700FS	PA-1000FS	PA-1500FS
Max Air Flow	700 m ³ /h	1000 m ³ /h	1500 m ³ /h
Max Pressure	2000 Pa	2300 Pa	2500 Pa
Input Power	0.55 KW	0.75 KW	1.1 KW
V / F	110V / 220V, 50 / 60HZ		
Filter Type	F5 filter pad (500*520*20mm)		F5 filter pad (550*550*20mm)
	F8 deep pleat filter (425*445mm*8bags)		F8 deep pleat filter (475*475mm*8bags)
	H13 deep pleat filter (410*410*96mm)		H13 deep pleat filter (430*430*96mm)
	Gas filter (410*410*140mm)		Gas filter (430*430*140mm)
Noise	≤70 dBA	≤72 dBA	≤75 dBA
Machine Size	570*500*1450mm	570*500*1450mm	600*550*1470mm
Net Weight	84 kg	86 kg	103 kg
Inlet Diameter	100 mm / 150 mm	100 mm / 150 mm	150 mm / 200 mm

TS-LD-IQ Series					
Model	PA-400TS-LD-IQ	PA-500TS-LD-IQ / PA-700TS-LD-IQ	PA-1500TS-LD-IQ	PA-2000TS-LD-IQ	PA-3000TS-LD-IQ
Max Air Flow	400 m ³ /h	500 m ³ /h / 700 m ³ /h	1500 m ³ /h	2000 m ³ /h	3000 m ³ /h
Max Pressure	3200 Pa	3200 Pa / 3800 Pa	3800 Pa	4000 Pa	3800 Pa
Input Power	0.35 KW	0.35 KW/0.6 KW	1.1 KW	2.0 KW	2.2 KW
V / F	110V / 220V, 50-60HZ				
Filter Type	F8 Organ filter bag (300*350mm)	F8 Organ filter bag (500*500mm)	F8 Organ filter bag (500*600mm)	F8 Organ filter bag (500*600mm)	F8 Organ filter bag 2*(500*500mm)
	H13 deep pleat filter (293*293*80mm)	H13 deep pleat filter (403*403*80mm)	H13 deep pleat filter (423*423*80mm)	H13 deep pleat filter (493*593*80mm)	H13 deep pleat filter 2*(423*423*80mm)
	Gas filter (300*300*120mm)	Gas filter (410*410*120mm)	Gas filter (430*430*120mm)	Gas filter (500*600*120mm)	Gas filter 2*(430*430*120mm)
Noise	≤62 dBA	≤65dBA/≤66dBA	≤68 dBA	≤70 dBA	≤71 dBA
Machine Size	435*457*861mm	525*577*1040mm	600*700*1143mm	720*770*1153mm	1110*700*1143mm
Net Weight	35 kg	68 kg / 70 kg	91 kg	118 kg	165 kg
Inlet Diameter	50 mm / 75 mm	75 mm / 100 mm	100 mm / 150 mm	150 mm / 200 mm	2*150 mm

TS-LD-HP-IQ Series				
Model	PA-400TS-LD-HP-IQ	PA-500TS-LD-HP-IQ	PA-1000TS-LD-HP-IQ	PA-1500TS-LD-HP-IQ
Max Air Flow	400 m ³ /h	500 m ³ /h	1000 m ³ /h	1500 m ³ /h
Max Pressure	9600 Pa	9600 Pa	9600 Pa	9600 Pa
Input Power	1.1 KW	1.1 KW	2.1 KW	3.0 KW
V / F	110V-220V, 50-60HZ			
Filter Type	F8 Organ filter bag (450*450mm)	F8 Organ filter bag (500*600mm)		
	H13 deep pleat filter (403*403*80mm)	H13 deep pleat filter (493*593*80mm)		
	Gas filter (410*410*120mm)	Gas filter (500*600*120mm)		
Noise	≤65 dBA	≤66 dBA	≤68 dBA	≤70 dBA
Machine Size	525*577*1040mm	720*770*1153mm	720*770*1153mm	720*770*1153mm
Net Weight	68 kg	108 kg	110 kg	112 kg
Inlet Diameter	75 mm / 100 mm	75 mm / 100 mm	100 mm / 125 mm	150 mm / 200 mm

TS-LT-HP-IQ Series			
Model	PA-400TS-LT-HP-IQ	PA-1000TS-LT-HP-IQ	PA-1500TS-LT-HP-IQ
Max Air Flow	400 m ³ /h	1000 m ³ /h	1500 m ³ /h
Max Pressure	9600 Pa	9600 Pa	9600 Pa
Input Power	1.1 KW	2.1 KW	3.0 KW
V / F	110V-220V, 50-60HZ		
Filter Type	Natural ore powder(4kg)	Natural ore powder (8kg)	
	High efficiency PTFE filter cartridge (325*450mm)	High efficiency PTFE filter cartridge (300*450mm)	
	Gas filter (410*410*140mm)	Gas filter (500*600*140mm)	
Noise	≤66 dBA	≤68 dBA	≤70 dBA
Machine Size	475*577*1333mm	670*770*1383mm	670*770*1383mm
Net Weight	110 kg	135 kg	150 kg
Inlet Diameter	75 mm / 100 mm	100 mm / 125 mm	150 mm / 200 mm

SH/SA Series						
Model	PA-1000SH / SA	PA-1500SH/SA	PA-2400SH/SA	PA-3600SH/SA	PA-4500SH/SA	PA-5000SA
Max Air Flow	1000 m³/h	1500 m³/h	2400 m³/h	3600 m³/h	4500 m³/h	5000 m³/h
Input Power	1.1 KW	1.5 KW / 2.2KW		3.0 KW / 4.0KW		5.5 KW
V / F	1-Phase, 220V, 50HZ	3-Phase,380V, 50HZ		3-Phase,380V, 50HZ		3-Phase,380V, 50HZ
Filter Type	High efficiency PTFE filter cartridge	High efficiency PTFE filter cartridge		High efficiency PTFE filter cartridge		High efficiency PTFE filter cartridge
	(1pc*325*450mm)	(1pc*325*650mm)		(2pcs*325*650mm)		(4pcs*325*650mm)
Noise	≤68 dBA	≤70 dBA/≤72 dBA		≤73 dBA/≤75 dBA		≤78 dBA
Machine Size	530*830*1421mm	620*900*1818mm		720*1050*1893mm		872*1242*2013mm
Net Weight	120 kg	145 kg / 150kg		185 kg / 195kg		230 kg
Inlet Diameter	150 mm	150 mm		200 mm / 250 mm		250 mm / 300 mm

Remark: SH-X / SA-X, DH-X / DA-X parameters are same as above machines.

CT Series				
Model	PA-6000CT	PA-8000CT	PA-10000CT	PA-12000CT
Max Air Flow	6000 m ³ /h	8000 m ³ /h	10000 m ³ /h	12000 m ³ /h
Input Power	7.5 KW	2 * 4.0KW	2 * 5.5KW	2 * 7.5KW
V / F	3-Phase, 380V, 50HZ			
Filter Type	High efficiency PTFE filter cartridge (6pcs*325*650mm)		High efficiency PTFE filter cartridge (8pcs*325*650mm)	
Noise	≤75 dBA	≤78 dBA	≤80 dBA	≤85 dBA
Machine Size	952*1682*2084mm		978*2089*2210mm	
Net Weight	600 kg	650 kg	750 kg	850 kg
Inlet Diameter	300 mm / 350mm	300 mm / 350mm	400 mm / 500 mm	400 mm / 500 mm

▼ Filters

A F5 Medium efficiency filter



F5 filter Pad



F5 Aluminum frame filter

B F8 Medium efficiency filter



F8 Aluminum frame filter bag



F8 Galvanited frame filter



F8 Organ filter bag

C H13 HEPA filter



H13 Aluminum frame filter



H13 Galvanited frame filter

D Gas filter



Galvanited frame Gas filter

E High efficiency filter cartridge



High efficiency wood fiber filter cartridge



High efficiency polyester anti-static filter cartridge



TORAY High efficiency PTFE filter cartridge

▼ Accessories



Grey bellows (φ150mm)



Black PU pipe (φ50mm)



Black PU pipe (φ100mm)



Black Bamboo tube (Φ50mm)



Black Bamboo tube (φ75mm)



Round acrylic exhaust hood



Round Silicone exhaust hood