

Note:

Due to the continuous improvement of products, the details of the equipment may need to be adjusted for technology or other reasons without prior notice. Please make the object as the standard.



Foshan Boton Air Technology Co.,Ltd.

No.2, Xingda Road, A Zone, Technological Industrial Park, Shishan Town,
Nanhai District, Foshan, Guangdong, China

Tel 86-757-82516910 Fax 86-757-82516920



COMMERCIAL KITCHEN
**ELECTROSTATIC
PRECIPITATOR**

Foshan Boton Air Technology Co.,Ltd.

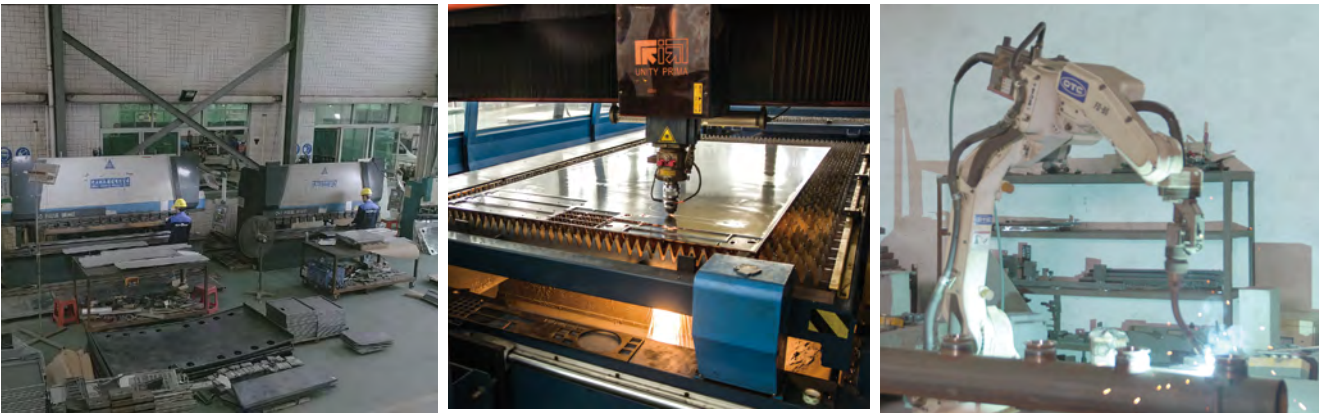
WELCOME TO BOTON

Foshan Boton Air Technology Co., Ltd. is a professional manufacturer of electrostatic precipitators for industrial and commercial applications. We take great pride in the products we design and manufacture to provide our customers with solutions for air pollution problems. Our electrostatic air cleaners are mainly applied to oily exhaust from commercial kitchens, food factories, coffee roasters, CNC machine workshops, electronics, rubber and PVC products industries. Take the quality of life and carry on the tradition of elaborate manufacture. Always keep the passion for the customer, provide sincere services and ensure that the customer is always the first beneficiary. Continue to invest in research and development, reward the progress and highly praise the achievement.



Efficient Air Pollution Solution

Boton believes in treating our customers with respect and faith. We provide air filter equipment with highly cost-effective, highly efficient, and of good quality. Boton goes all out to provide fresh and clean air for the family, business, and factory manufacturing environments.



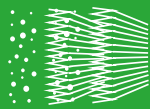
Professional Team

Boton management and engineering team has been dedicated to the electrostatic precipitator business for more than sixteen years who is sure to be able to offer expert service on design, manufacturing, installation, operation and after-sales.

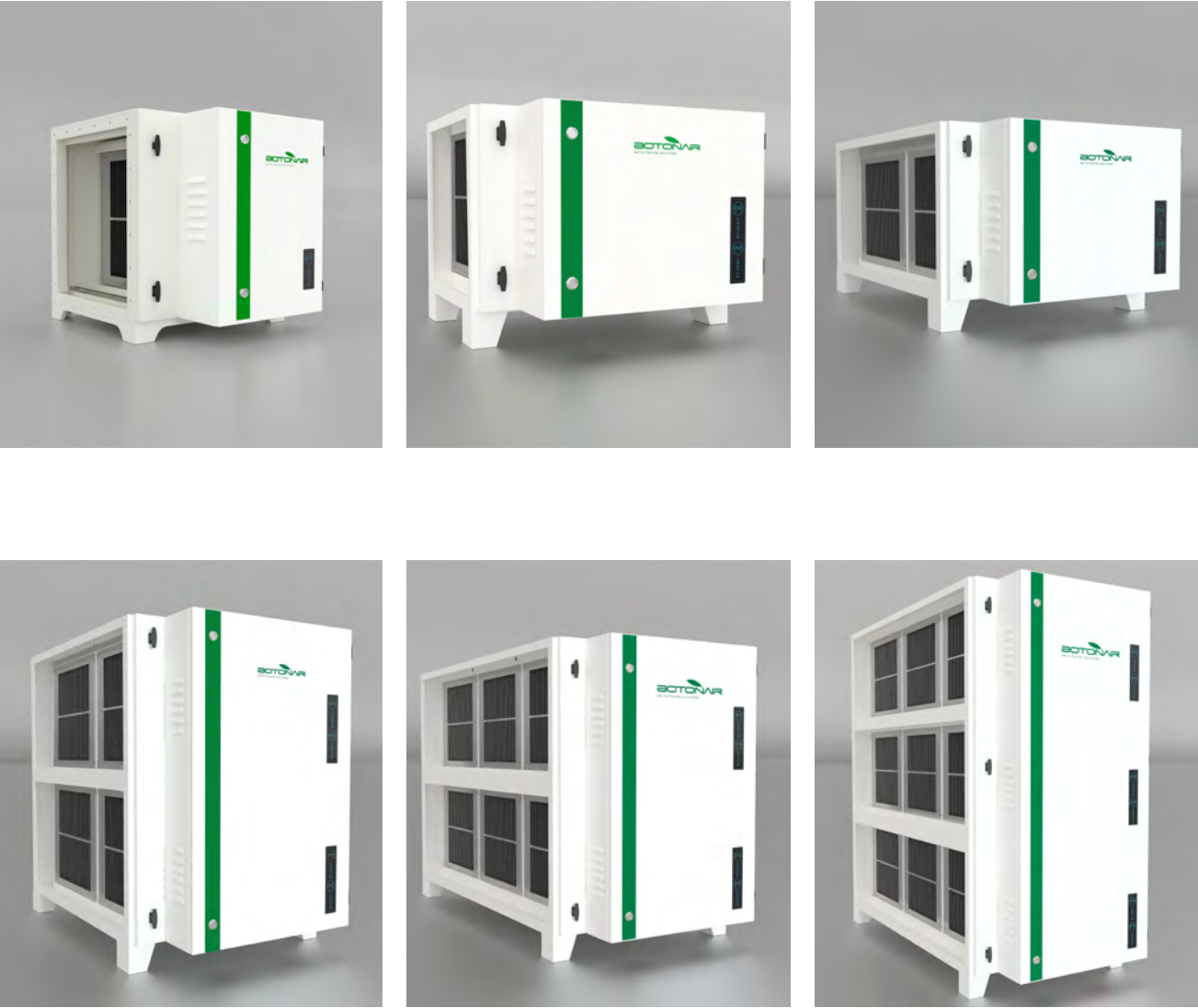


Constant Progress

With growing concerns about exhaust pollution while complying with local legislation, BotonAir has been working closely with our customers and listening to their advice to constantly refine and improve electrostatic precipitator performance.



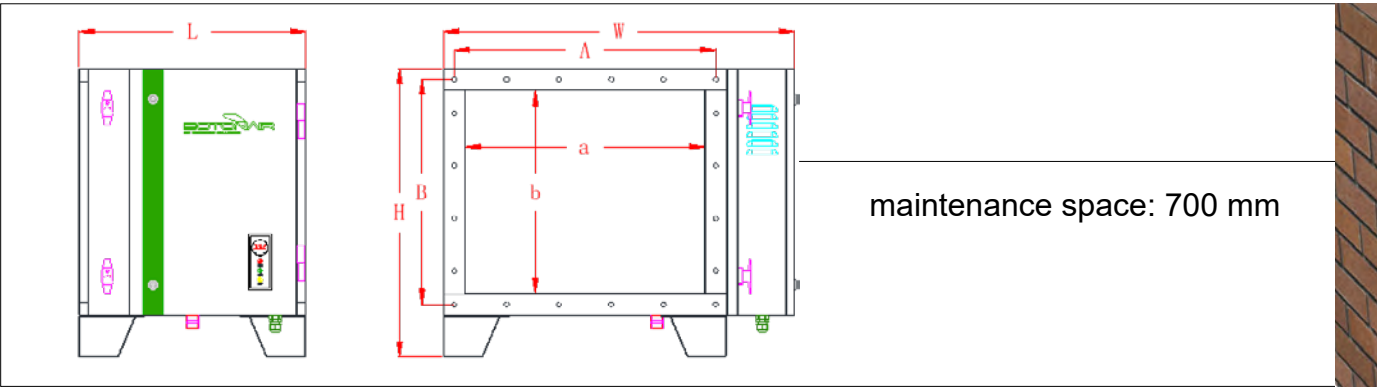
Electrostatic Precipitator



Parameter

Environment · Human · Technology

Model	Airflow (m³/h) 90% efficiency	Airflow (m³/h) 98% efficiency	Size (LxWxH,mm)	Flange Hole Size (AxB,mm)	Vent Size (AxB,mm)	Weight (KG)	Rated Power (w)
DP-B2000	2000	1500	520*565*660	360*515	310*465	43	60
DP-B3000	3000	2000	520*695*660	490*515	440*465	49	80
DP-B4000	4000	3000	520*805*660	600*515	550*465	55	100
DP-B6000	6000	4000	850*695*660	490*515	440*465	77	160
DP-B8000	8000	6000	850*805*660	600*515	550*465	89	200
DP-B12000	12000	8000	850*1227*660	1022*515	972*465	131	320
DP-B16000	16000	10000	850*1447*660	1242*515	1192*465	155	400
DP-B20000	20000	12000	850*1097*1195	892*1050	842*1000	231	560
DP-B24000	24000	16000	850*1227*1195	1022*1050	972*1000	252	640
DP-B28000	28000	20000	850*1337*1195	1132*1050	1082*1000	275	720
DP-B32000	32000	24000	850*1447*1195	1242*1050	1192*1000	300	800
DP-B40000	40000	28000	850*1862*1195	1657*1050	1607*1000	373	1040
DP-B48000	48000	32000	850*2082*1195	1877*1050	1827*1000	419	1200
DP-B56000	56000	40000	850*1752*1730	1547*1585	1497*1535	519	1440
DP-B64000	64000	48000	850*1862*1730	1657*1585	1607*1535	553	1560



Structure



Intelligent Control System
The intelligent control system is provided with power overload, high voltage output open circuit, electrostatic cells short circuit, and power state control technology, at the same time it can track and query the running state, PCB anti-interference and digital high voltage current display.

Intelligent High Voltage Power
The intelligent high-voltage power supply is developed based on the MCU technology with high anti-interference ability. It adopts the unique constant current and voltage-limiting technology for control. It adopts epoxy resin potting to ensure a more stable power output, more powerful voltage output and better efficiency.

Pre-filter
To capture the big particles and disperse the air

Stainless steel filtrating cell
Standardized modules and arbitrarily combined into different air volumes. It has the characteristics of low energy consumption, high filtration efficiency, small size, light weight, and easy to clean.

Installation Layout



① Indoor Installation

According to the site condition, the ESP filters can be installed above the worktop or in the ceiling

② Outdoor Installation

The ESP filters can be installed on the ground. Multistage filtration enables low-altitude emission.

③ Outdoor Installation

Installed on the roof

Application

- commercial kitchen cooking exhaust gas
- food factory waste gas & grease
- coffee roaster smoke
- welding and soldering fume





DP-Y Series



Commercial Electrostatic Precipitator Kitchen Hood



air inlet

Air inlet direction can be chosen according to the kitchen condition

Air divider

To capture the big particles and disperse the air

Electrostatic cell

Air flows direction can be chosen according to the kitchen condition

UV light

Optional for UV light to filter the cooking odor

Low noise fan

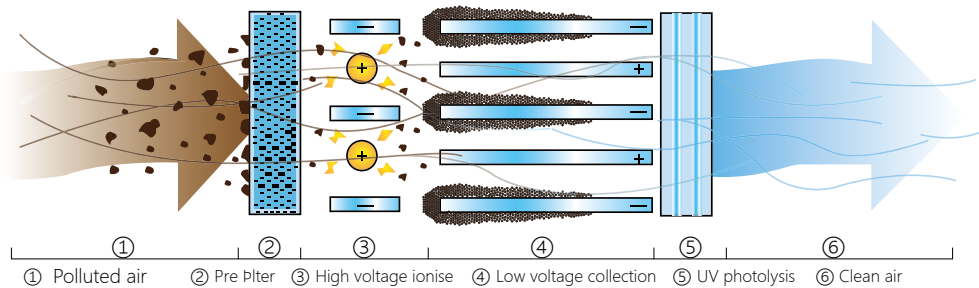
Built-in low-noise fan and arbitrary choice for air outlet

LED Lighting



Intelligent Control Panel
Stainless Steel Material

Working Principle



Flexible Air Outlet

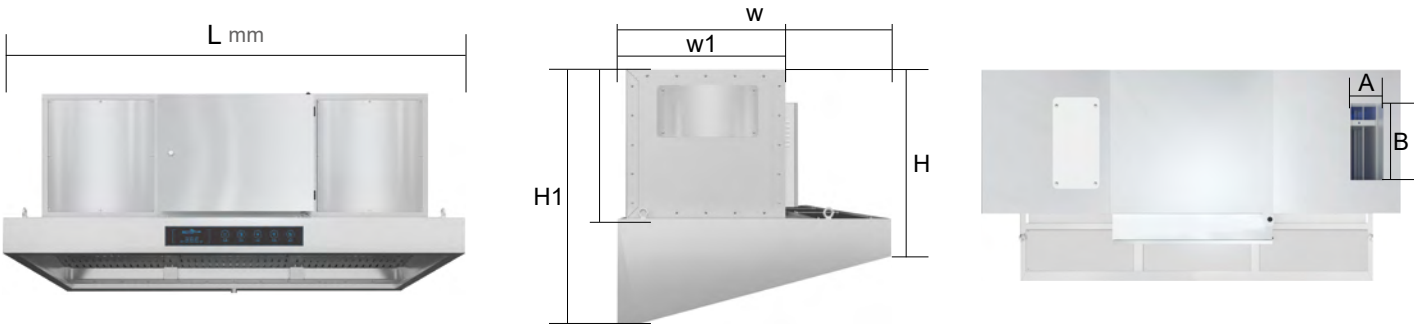
Modular combination
Ease of installation & maintenance



Parameter

Parameter

Environment · Human · Technology



Model

Airflow(m³/h)
90% efficiency

Size
(LxWxH,mm)

Other Size
(W1/H1,mm)

Vent Size
(AxB,mm)

Weight
(KG)

Fan Rated
Power
(w)

Rated Power
(w)

DP-Y1600	3000	1600*1100*750	800/1020	300*150	155	750	80
DP-Y1800	3500	1800*1100*750	800/1020	300*150	160	750	80
DP-Y2000	4000	2000*1100*750	800/1020	300*150	195	1100	160
DP-Y2200	4500	2200*1100*750	800/1020	300*150	200	1100	160
DP-Y2400	5000	2400*1100*750	800/1020	300*150	210	1100	160

