



Fume extractor especially designed for SMT Reflow Oven and Wave Soldering Machine

Model No. QB-DX-3000



【Application】

QB-DX3000 are the fume hood systems specially designed by our company for laser cutting, machining, SMT reflow oven, wave soldering and other working areas, providing good purification effect by treating dust, smoke fog and high concentration waste gas in these places.

【Feature】

1. Brushless motor, characterized by low noise and high revolution, stable operation, long service life, low power consumption, high efficiency(maintenance free and zero consumables).
2. Vortex fan design, characterized by fatigue resistance, smooth running, low noise, large air volume, high suction and high efficiency.
3. Stepless speed regulator installed for remote control of air volume.
4. Multiple filter design to ensure thorough filtration of toxic or hazardous substances and protect human and environmental health.
5. All filter elements are replaceable, which both extends the service life of filtering cores and reduces their operation cost.
6. Easy installation and environment fit
7. CE certified, safe and reliable.
8. National air quality testing certification.
9. All metal frame construction, resisting strong impact and vibration.
10. Casters on bottom for easy movem

【Specifications】

Model No.	QB-DX3000
Subatmospheric pressure	2500Pa
System flow (include filter system)	435m ³ /h
Input power	350W
Air Inlet flange on the Fume extractor	φ90mm flange
Duct Set	ø100mm x 3 m x 1pc (ESD-safe), PPR



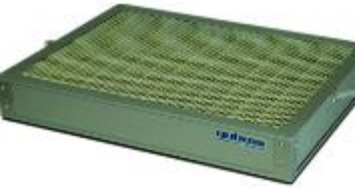

Filtering efficiency(adjust by knob)	99.97% 0.3 μm
Noise level	< 60dB
Input voltage	AC 110-220V
Dimensions	550(L) x 415(W) x 920(H)mm
Weight	52.5Kg

【 Packing list 】

Product	Packing List	Quantities	Remark
DX3000	Main unit	1set	
	Flexible hose (1.5m)	1pce	
	Stainless steel hose clamp	2pcs	
	Power cord	1pc	
	Primary-efficiency sponge filter	5pcs	One is installed in your unit
	F8 primary-efficiency filter cartridge	1pc	
	Glass-fiber filter cartridge	1pc	
	Activated-carbon filter cartridge	3pcs	
	User guide	1pc	
	Warranty card	1pc	

【 Optional Accessories 】

***The time interval to replace consumables depends on actual situation and the smoke and dust concentration and their total volume are factors to determine the time for replacement. If replacement of consumable materials is needed for your equipment, please replace low-, medium- and high-efficient filter cartridges in sequence.

Item Name	Item No.	Description	Pictures
F8 primary-efficiency filter cartridge	QF435	1. Used to remove large particles 2 Use cycle:2 to 5 month.	
Primary-efficiency sponge filter	QC432	1. Used to remove medium and large particles, 2. Use cycle:1 week to 3 month.	



Glass-fiber filter cartridge	QP435	1. Used to remove smaller particles 2. Use cycle: 2 to 5 month.	
Activated-carbon filter cartridge	QT435	1. Used to absorb poisonous and harmful gas and smell . 2. Use cycle: 3 to 8 month.	
Stainless steel hose clamp	ø100mm /ø110mm	Used to fix the connection between pipe and inlet flange	
Flexible hose	ø100mm /ø110mm	Used to connect the filter's main pipe or air outlet	

Model codification:

Q – means series; B – Glass fiber; P – PP filter cartridge; T – Activated carbon; F – F8 dust-collecting filter cartridge; C – Primary sponge filter

All figures stand for the first number of filter cartridge's length, width and height.

For example ,QT435 means the cartridge size is L400XW300XH500mm

Fume extractor working principles:

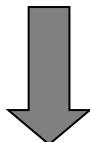
1. Smoke and dust + Poisonous and harmful gas

→



2. Primary-efficiency filter (to remove large oxide particles)

→

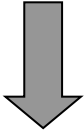


]

3. Intermediary-efficiency filter (to remove oxide particles of about 50um)

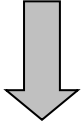


→



4. High-efficiency filter (to remove oxide particles of about 0.3um)

→



5. Activated-carbon filter (to remove poisonous and harmful gas)

→



6. Clean air.