Powerful suction and quiet operation. Air-purifying fume extractor for easy line changes

Model No. QB-DX1001 & QB-DX1002

【 Application】

QB-DX1001 & QB-DX1002 are the filtering system designed by our company especially for electronic soldering tin, tin-furnace immersion smog treatment, widely used for electronic appliances and chemical experiments. Machine body is light and handy, easily for movement and can be used upon simple installation.

【 Feature】

1. Integrated design of machine structure, high quality metal plate baking varnish technology, high intensity, good impact resistance
2. It can be used upon connection, being installed easily and conveniently and operated easily.
3. It is equipped with smart control panel, making operation simple; digital display makes running status mastered at real time.
4. Stepless speed regulating through touch-button makes air quantity adjusted at will.
5. Equipped remote-control unit realizes remote operation.
6. Sensitive and effect “Filter element blocking warning system” — automatically give acousto-optic warning if the filter element is blocked for 10 seconds, prompting users to change filter and avoiding unnecessary consumption.
7.Smoke filtering system is lower than the use-cost of “Pipeline exhaust system” in use-cost, better in smoke-absorbing effect and higher value-preserving rate. It can avoid discharging indoor cold air (or warm air), keep the cleanliness of indoor air, save energy and beautify the environment.
8. “High-Pressure Mass-Flow Centrifugal Fan” with two applied patents—— low noise, small vibration, stable running, long life-span, low electricity consumption, high efficiency (Zero maintenance and zero consumables of DC brushless motor spare parts).
9.Specially-designed alloy eddy current wind wheel is featured by fatigue-resistance, stable running, low noise, large air volume and high efficiency.
10.Multistage filtering design guarantees the thorough harmful matters iltering in smog.
Preliminary-effect, medium effect and main filtering elements can be changed independently. Not only does this designing form lengthen the using-span of filters, but also lowers the using cost of filters.
11.Smoke-absorbing wind pipe with two patents has good stationarity. It can be used upon connection, changed in direction and positioned randomly. The length of pipeline can be controlled conveniently and fast. Other smoke-absorbing pipeline shall not be paved additionally.
12.Smoke-absorbing covers with two patents adopts high-quality silicon rubber can resist airflow to some extent, avoiding the effect of air to smoke-absorbing effect and resisting the 400℃
high- temperature without damage.

【Specifications】

Model No.	QB-DX1001	QB-DX1002
Subatmospheric pressure	900Pa	1200Pa
System flow (include filter system)	235m³/h	2 x150m³/ h
Input power	80w	200W
Duct Set	ø75mm x 1.4 m x 1pc, PVC	ø75mm x 1.4 m x 2pcs, PVC
Filtering efficiency(adjust by knob)	0.3μ m99.97%	0.3μ m99.97%
Noise level	＜52dB	＜52dB
Input voltage	AC 110V 1PH ;AC220V 1PH	AC 110V 1PH;AC220V 1PH
Dimensions	420(L) x 250(W) x 410(H)mm	420(L) x 250(W) x 410(H)mm
Weight	12.5Kg	14.5kg

【Packing list】

Product	Packing List	Quantities	Remark
QB-DX1001 QB-DX1002	Main unit	1set	
	Bamboo tube or bobbin	1pcs	With the square cover
	Power cable	1pc	
	Primary-efficiency sponge filter	5pcs	One is installed on the machine,four pcs in the box
	PP Intermediary-efficiency filter cartridge	1pc	Installed on the machine
	Activated-carbon filter cartridge	1pcs	Installed on the machine
	User manual	1pcs	
	Warranty card	1pcs	

【Optional Accessories】

Item Name	Item No.	Description	Pictures
Primary-efficiency sponge filter	QC316	Used to remove medium and large particles.	
Intermediary-efficiency filter cartridge	(DX1001, DX1002) QP315	Used to remove smaller particles	
High efficiency filter	(DX1001, DX1002) QT312	Can remove more than 0.3 micron particles and other harmful gases	
Bamboo tube	φ75mm×1.4m	Stackable pipe length, universal positioning adjustment	

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】

Fume extractor working principles:

1. Smoke and dust + Poisonous and harmful gas

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

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

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

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5. Clean air.