

BIOBASE®



Clean Room Lab Furniture

2018

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BIOBASE CHINA

About Us

BIOBASE, is a leading specialist in the design and construction of Clean Operating Room, ICU, P2/PCR/HIV laboratories, PIVAS and purification engineering as well a specialized integrated business entity engaged in Purification Equipment, Purification Engineering, Purifying Air-Conditioning System and Special Products for clean rooms, providing one-stop service from design, production, installation & commissioning, and inspection-acceptance. With well-qualified management team, high level R & D technicians, excellent construction team, BIOBASE has developed business across the world. Following the business philosophies of "To survive on quality, to develop on the technology" and of "Market-guided, and service-oriented", BIOBASE is committed to provide the users with full-scale, diverse and wide-ranging services.

Certificates



ISO 9001



ISO 18001



ISO 14001



EN 12469



NSF 49



MET(UL)



CE-Biological Safety Cabinet



CE-Laminar Flow Cabinet



CE-Fume Hood



CE-Class I Biosafety Cabinet

山东省青年创业孵化基地

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BIOBASE 博科

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Clean Room Project

Clean room is a local air purification equipment to provide high-clean environment, is a clean room which the most quickly and easily create. Clean shed main consist of cabinet, fan, prefilter and HEPA filter, damping layer, lamps and other components. It can be suspended, but also can be ground support, compact structure, easy to use. Can use single or multiple connections to compose of banded clean area.

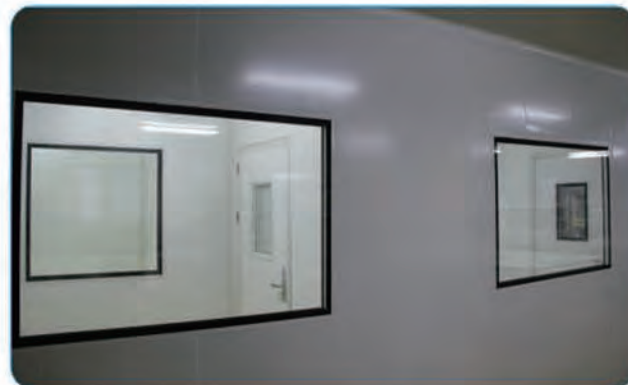


DECONTAMINATION SYSTEM

Quality determines the success or failure

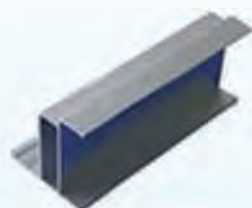
BIOBASE







HJ5018



HJ5002



HJ5016



HJ5015



HJ7504


HJ5012
HJ5022

HJ5012
HJ3805


HJ5008



HJ6401



Plastic Floor


HJ2501
HJ2502


2*3 Door Fittings



HJ004



HJ5005



HJ003



HJ5010



HJ5009



Heavy Duty Beam



HJ8002



Earth Beam

Manual plate series

Features:

1. Wide range of applications
2. product diversification
3. Physical and chemical properties
4. Construction and installation convenience

Polyurethane color steel sandwich plate series

Thermal conductivity is small, when the density of 0.03kg/m^3 , the thermal conductivity of $63\text{J}/(\text{m}^*\text{h}^*\text{k})(15\text{cal}/\text{m}^*\text{h}^*\text{k})$

Specification: Thickness: 50, 75, 100, 150

Model: H plate(Width: 1200), Enterprise board(Width: 1175)

Rock wool color steel sandwich panel series

Model: H type, Q type



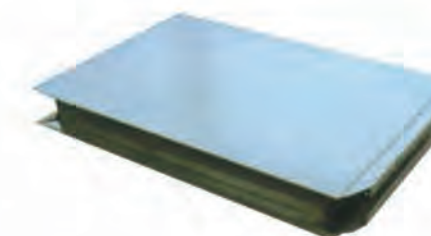
Handmade rock wool magnesium board



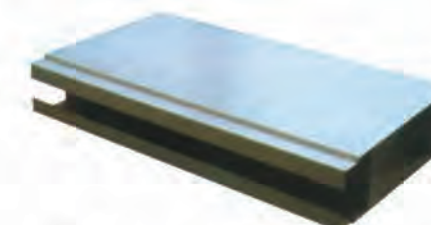
Handmade rock wool board



Handmade honeycomb glass magnesium board



Mechanism of EPS board



Mechanism of rock wool board



Large window color plate doors



Small window color plate doors



Stainless steel central air window



Stainless steel door



Hollow window color plate doors



Double open color plate doors



Hollow sealing window

Electrophoresis sealing window

Paint sealing window



Industrial fast door is fast lifting barrier-free doors, fast opening speed of up to 1.0-2.0m / s, is the ordinary shutter doors several times. Main function is to keep warm, moisture, dust, pest control, noise, so that the workshop to maintain constant temperature, humidity, clean working environment. Used in food, medical, electronics, rubber, chemical, automotive, textile, logistics, machinery and other fields.



PVC Sheet Floor

Thicknes: 1.5-2.5mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Laboratory/Office/Hospital/School
 Specification: 300*300mm



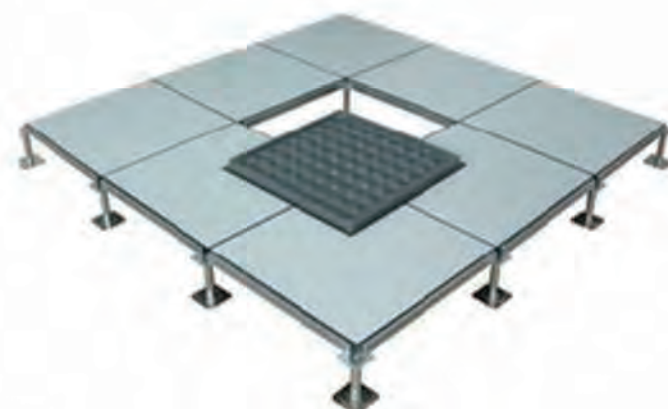
PVC Sheet Floor

Thicknes: 1.5-2.5mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Laboratory/Office/Hospital/School
 Specification: 1800-2000*10000-20000mm



PVC Overhead Anti-static Ventilation Floor

Thicknes: 30-35mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Clean Room/Electrical Laboratory
 Specification: 600-600mm



PVC Overhead Anti-static Floor

Thicknes: 30-35mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Equipment Room/Electrical Laboratory/
 Electrical Room
 Specification: 600-600mm



Glass Tiles Floor

Thicknes: 10-12mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Office/Corridor/
 Public Area
 Specification: 800-800mm

Polished Floor

Thicknes: 10-12mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Office/Corridor/
 Public Area
 Specification: 600-600mm

Glazed Tile Floor

Thicknes: 10-12mm(Adjustable)
 Color: According to the color of the sample shall prevail
 Application: Office/Corridor/
 Public Area
 Specification: 600-600mm

Epoxy Floor

Thicknes: 1.2-3mm(Adjustable)
 Color: According to the color card at random
 Application: Chemical Industry/
 Electronic Enterprise/
 Various Types of
 Laboratories
 Specification: In accordance with construction requirements





Fire Damper



Exhaust Duct



Electric Valve



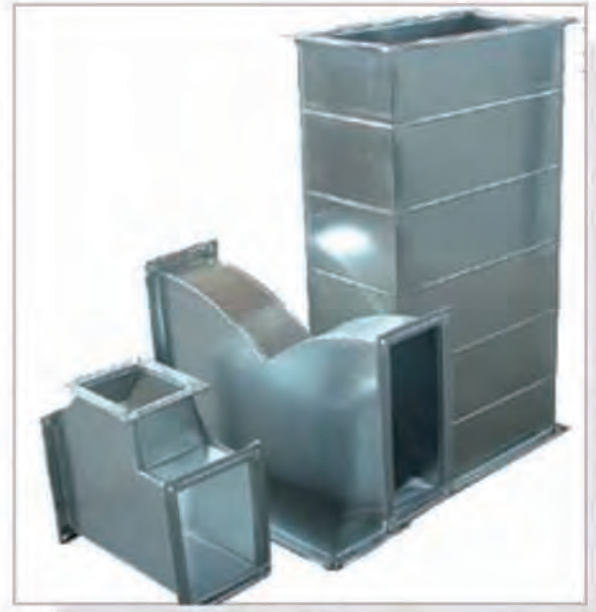
Round Valve



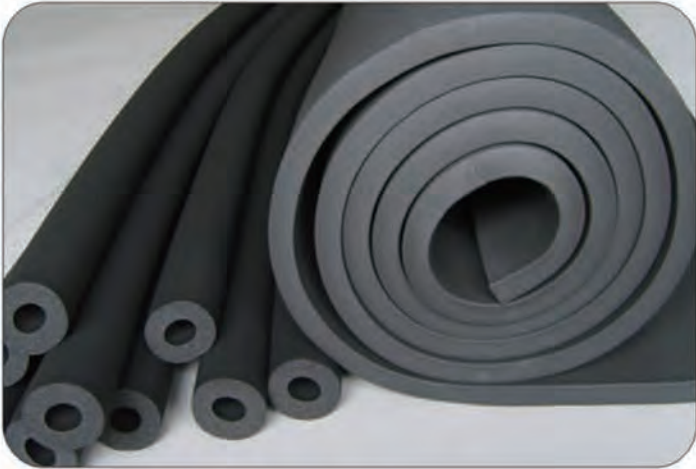
Check Valve



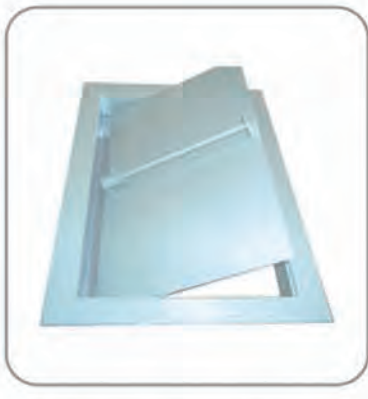
Control Valve



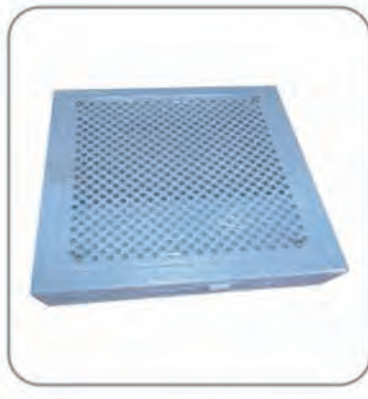
Back to the air pipe line



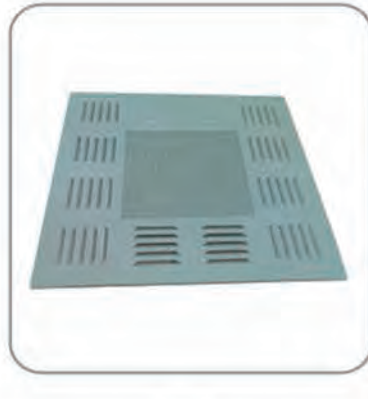
Insulating rubber plastic



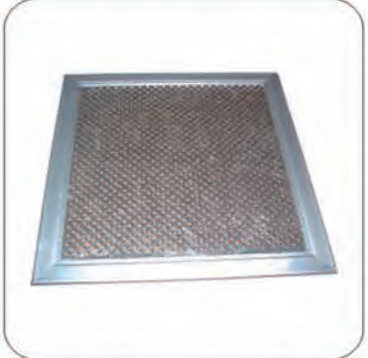
Excess Pressure Damper



Excess Pressure Damper



Air Outlet



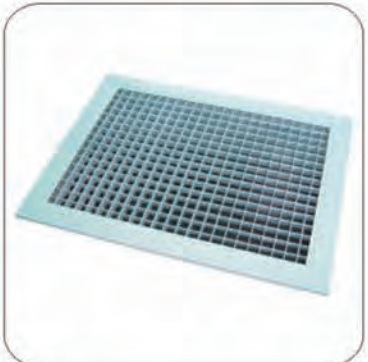
Return Air Window



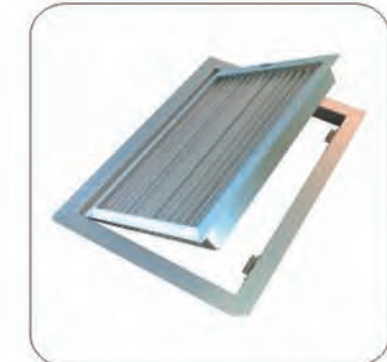
Air Diffuser



Return Air Inlet



Return Air Window



Return Air Window



Return Air Window



Fixed Louvers



Return Air Regulating Valve



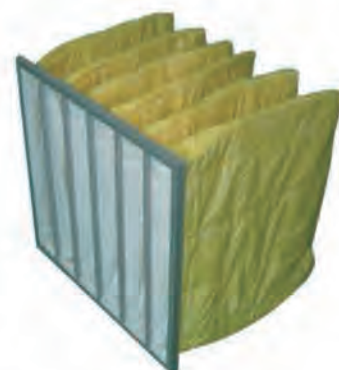
Return Air Window



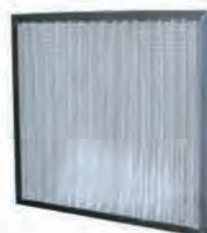
YGG(YGF) Filter



ZF Series Filter



Filter



Filter



Filter



Filter

Applicable to research and production departments of various process requirements, it can guarantee 100,000 cleanliness requirements.

Model	External Size(mm)	Rated air flow(m³/h)	Dust Holding(g/stand)	Initial resistance(Pa)	Filtration efficiency(%)
YGX-01	484×484×220	1000	180	≤69	≥96 Sodium Flame
YGX-02	726×484×220	1500	270		
YGX-03	968×484×220	2000	360		
YGX-04	610×610×150	1000	180		
YGX-05	915×610×150	1500	270		

MAF-type medium-efficiency air filter is suitable for air purification project with atmospheric pressure, normal temperature, trace acid, alkali and organic solvent. It is used as pre-filter of high efficiency air filter to reduce the load of air filter and prolong its service life.

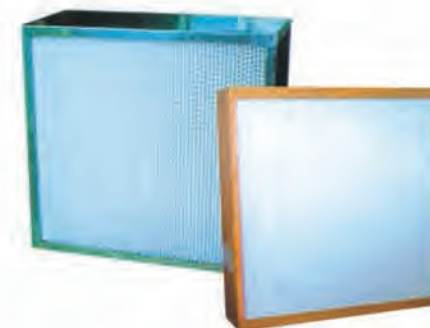
Filtration Area	3~3.5m²
Rated Air Flow	2000m³/h
Initial Resistance	34.33Pa(350mmH₂O)
Artificial Effect of Dust	85%
Dust Holding	720g

Model	External Size(mm)	Rated air flow(m³/h)	Initial resistance(Pa)	Efficiency(%)	Filter Type	Number of bags
ZF-13-2	495×295×600	1300	120	97% (Colorimetry)	F9 HTZ-03	4
ZF-22-2	495×495×600	2200				4
ZF-16-2	595×295×600	1600				6
ZF-27-2	595×495×600	2700				6
ZF-32-2	595×595×600	3200				6

Features:

1. Low pressure, high air volume
2. Long lasting
3. Widely used in primary air conditioning system filtration

Model	External Size(mm)	Rated air flow(m³/h)	Initial resistance(Pa)	Efficiency(Class)
CG4-8	295×295×45	800	80	90% (Gravimetric Method) G4
CG4-13	495×295×45	1300		
CG4-22	495×495×45	2200		
CG4-16	595×295×45	1600		
CG4-27	595×495×45	2700		
CG4-32	595×595×45	3200		



GK Series Filter



GKYS Series Filter



GKTL Series Filter



GKA Series Filter



GKB Series Filter

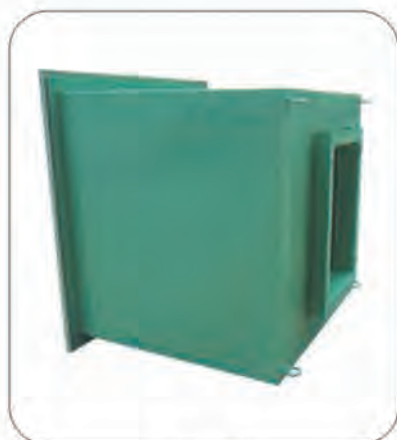
Model	External Size(mm)	Rated air flow(m³/h)	Dust Holding(g/stand)	Initial resistance(Pa)	Filtration efficiency(%)
GK-5A	320×320×220	500	400	Straight Diaphragm Structure ≤235.44 (24mm H₂O)	≥99.99
GK-7A	484×484×150	700	450		
GK-8A	600×600×150	800			
GK-10A	484×484×220	1000	500		
GK-10B	420×600×200		600		
GK-10C	610×610×150		500		
GK-10D	600×420×200	1200	750		
GK-12A	820×600×150		800		
GK-12B	560×600×200		900		
GK-13A	720×760×150		750		
GK-15A	630×630×220	1500	850		
GK-15B	726×484×220		1000		
GK-15C	915×610×150		1200		
GK-15D	820×600×200		1200		
GK-20A	968×484×220	2000	1400		
GK-20B			1800		
GK-22A	945×630×220	2200			
GK-30A		3000			

Model	External Size(mm)	Rated air flow(m³/h)	Dust Holding(g/stand)	Initial resistance(Pa)	Filtration efficiency(%)
GKYS-9A	484×484×70	900	226	≤245	Class A: ≥99.995
GKYS-13A	726×484×70	1350	339		
GKYS-18A	968×484×70	1800	452		
GKYS-13B	610×610×70	1300	360		
GKYS-19A	915×610×70	1900	540		Class B: ≥99.98
GKYS-15A	630×630×70	1500	383		
GKYS-22A	945×630×70	2250	574		
GKYS-30A	1260×630×70	3000	766		

Model	External Size(mm)	Rated air flow(m³/h)	Dust Holding(g/stand)	Initial resistance(Pa)	Filtration efficiency(%)
GKTL-9A	484×484×90	900	226	≤125 (12.8)	Class A: ≥99.995
GKTL-13A	726×484×90	1350	339		
GKTL-18A	968×484×90	1800	452		
GKTL-13B	610×610×90	1300	360		
GKTL-19A	915×610×90	1900	540		Class B: ≥99.98
GKTL-15A	630×630×90	1500	383		
GKTL-22A	945×630×90	2250	574		
GKTL-30A	1260×630×90	3000	766		

Item	Model	GKA-3S-C	GKA-5S-C	GKA-8S-C	GKA-12S-C	GKA-15S-C
External Size(mm)		305×610×150	460×610×150	610×610×150	820×610×150	915×610×150
		300	550	800	1200	1500
Efficiency(Sodium flame)		≥99.99%				
Initial resistance(Pa)		≤220Pa (22.4mmH₂O)				
		Relative Humidity≤100%				
Dust Holding(g/stand)		300	450	600	750	850
Weight(kg)		≈5	≈8	≈10	≈13	≈15

Item	Model	GKW-10S-G	GKW-7S-G
External Size(mm)		610×610×150	610×457×150
Rated Air Flow(m³/h)		1000	750
Dust Holding(g)		600	450
Operating Temperature		350℃ (Long-term use)	
Efficiency(Notation, 0.3μm)		≥99.99% (350℃)	
Initial Resistance		≤220Pa (22.4mmH₂O)	



Air outlet



Air outlet



Air outlet

GKF series of high-efficiency air-conditioning air outlet, the cold-rolled steel shell production, the surface electrostatic spray.

GKF series of high-efficiency air outlet used in the transformation and the new level of clean room as a terminal efficient filter device, was installed in the clean room ceiling, etc..

GKF series of efficient, sub-efficient and widely used for alterations and new levels of clean rooms.

Technical Parameters:

1. Purification efficiency: more than 99.99% efficient (sodium flame method)
sub-efficient greater than 99.99% (sodium flame method)
2. Initial resistance: high efficiency less than 235.44Pa
sub-efficient less than 69Pa

Model		Rated Air Flow(m³/h)	Hepa Filter Size W*H*D	External Size W*H*D	Air Inlet Pipe Dimensions A*B	Condole Top Hole Size C*D
Top air supply	Top air supply					
GKF-5 I A	GKF-5 II A	500	320×320×220	370×370×527	200×160	380×380
GKF-7 I A	GKF-7 II A	700	484×484×150	534×534×457	320×200	545×545
GKF-10 I A	GKF-10 II A	1000	484×484×220	534×534×527	320×200	545×545
GKF-10 I B	GKF-10 II B		610×610×150	660×660×457	320×250	670×670
GKF-15 I A	GKF-15 II A	1500	726×484×220	776×534×527	400×200	786×545
GKF-15 I B	GKF-15 II B		630×630×220	680×680×527	320×250	690×690
GKF-15 I C	GKF-15 II C		915×610×150	965×660×457	500×250	975×670
GKF-20 I A	GKF-20 II A	2000	968×484×220	1080×534×527	500×200	1030×545
GKF-20 I B	GKF-20 II B		1220×610×150	1270×660×457	630×250	1280×670
GKF-22 I	GKF-22 II	2200	945 ×630×220	995 ×680×527	500×250	1005×690
GKF-30 I	GKF-30 II	3000	1260×630×220	1310×680×527	630×250	1320×690



FFU



FFU

FFU fan filter unit can be modular connection, making the FFU widely used in clean rooms, ultra-clean table, clean production lines, assembly-type clean room and local one hundred applications. FFU has two kinds of early and efficient filter. Fan from the top of the FFU inhaled air and filtered through the early high-efficiency filter, clean air after the entire surface of the wind to 0.45m / s wind speed were sent.

Model	FFU
External Size(L*W*H)	1170×570×300
Air Volume(m³/h)	1800
Cleanliness	Class 100
High Efficiency Filter	99.999%@0.3μm
Noise	≤52dB
Material	New alloys
Power Supply	220V 50Hz
Consumption	0.17kw
Net Weight	28kg



PQ-800 SamplingVehicle



PQ-600 SamplingVehicle



PQ-800 SamplingVehicle(SS)



PQ-600 SamplingVehicle(SS)

Features:

1. Customized design is welcome.
2. Unique designed air duct effectively controls the noise.
3. Smooth transitions of wall and ground can eliminate the blind angle.
4. Differential pressure gauge is equipped to real-time monitor the filters.
5. Intelligent control mode and alarm system ensure the reliability of running.
6. Automatic changeable frequency system monitors the air velocity to ensure its stability in the work area.
7. Uniform flow design of main working area can protect the operators and prevent environmental pollution and cross contamination of products.

Technical Parameters:

Item	Model	PQ-800	PQ-600
External Size		930×715×1950 (L×W×H)	715×715×1950 (L×W×H)
Power Supply		220V±10% 50Hz	220V±10% 50Hz
Max Power Consumption		400W	400W
Purify the Workspace Size		820×600×1450 (L×W×H)	600×600×1450 (L×W×H)
Weight		100Kg	80Kg



Normal



Clean Type

Pass Box is used to transfer goods between rooms of different clean levels of clean room. It can reduce times of opening door, prevent the air convection between different rooms and minimize the pollution extent.

Model	Internal Size (L*W*H mm)	External Size (L*W*H mm)				Size can be customized according to requirements
		Mechanical Interlocking		Mechanical Interlocking		
		Normal	Clean Type	Normal	Clean Type	
CD-500	500x500x500	620x560x580	620x560x990	660x560x580	660x560x990	
CD-600	600x600x600	720x660x680	720x660x1090	760x660x680	760x660x1090	
CD-800	800x800x800	920x860x880	920x860x1290	960x860x880	960x860x1290	



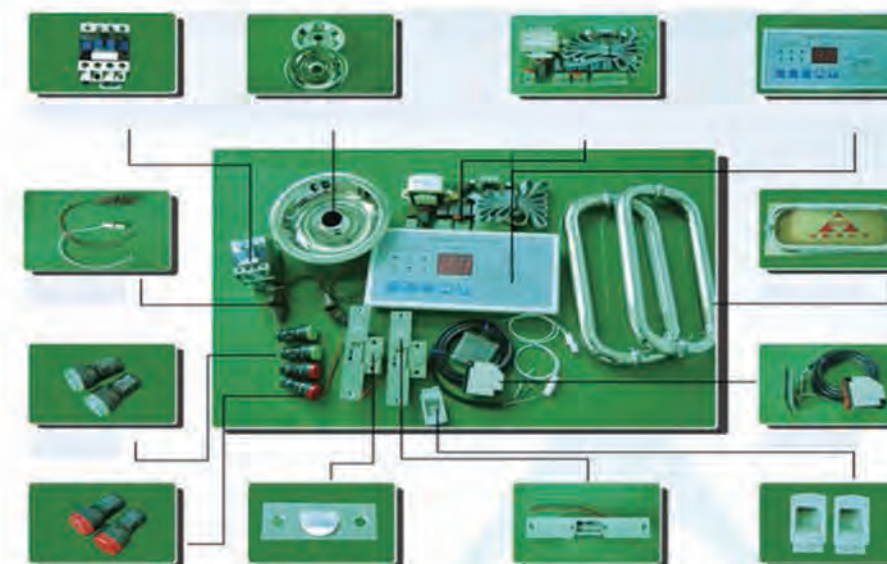
Double double blow



Single single blow



Double double blow



Wind leaching room is a necessary passage for person entering clean room in order to minimized the amount of particulate contaminant, achieve workplace strict clean purification standards. Personnel move through the air shower while particulate contaminants are blew off by the clean high speed air. So the duct cannot be brought into clean area.

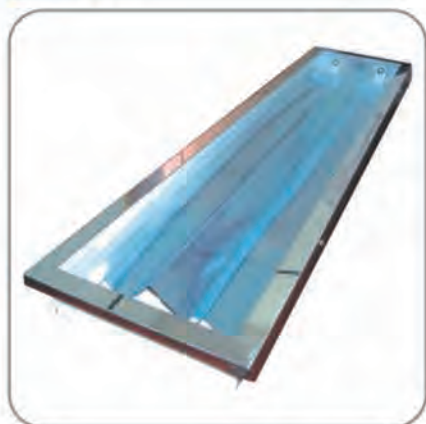
Features:

1. Photoelectric sensor, automatic blowing.
2. Designed with circulation wind to ensure the cleanness of shower area under non-shower status.
3. Double doors with electric interlock.
4. LED display with adjustable blowing time (0-99 min).
5. HEPA Filter, Class 100 cleanness.

Technical Parameters:

Parameter	Model	FLS-1A	FLS-1B	FLS-2A	FLS-3A	FLS-4A	FLS-5A
Applicable Number		one	one	two	three	four	channel-type
Wind leaching Time		0-99s (Adjustable)					
Number of Nozzles		12 sides	6 words	24 sides	36 sides	48 sides	60 sides
Nozzle Diameter		Material: chromium plated plastics, Stainless Steel. Φ32mm					
Nozzle Wind Speed		18±20% m/s					
Air Shower Size(W*D*H)		800×850×1900	800×850×1900	800×1600×1900	800×2400×1900	800×3200×1900	800×400×1900
External Size(W*D*H)		1600×955×2050	1250×955×2050	1600×1700×2050	1600×2500×2050	1600×3300×2050	1600×4100×2050
Power Supply		AC. 3N 380V/50Hz					
Consumption		1600W	800W	3200W	4800W	6400W	8000W
Filter Size		630×630×120					
Number of Filters		2	1	4	6	8	10
Filtration Efficiency		≥99.97%(≥0.5μm Dust)					
Note		If the box material for the steel structure, size width minus 100mm, the other unchanged					
Configuration		Common configuration: Into the closed, automatic hair, do not close out the door. Optional: photoelectric control, program control, electronic interlocking, relay interlock, behind closed doors					

■ Lamp



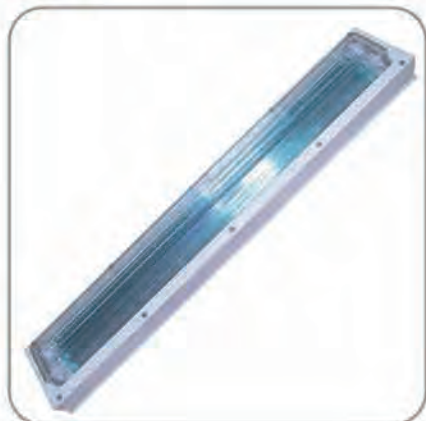
■ Fluorescent Lamp



■ Tear Lamp



■ Lamp



■ Bactericide Lamp



■ 20W Grille Lamp



■ Fluorescent Lamp



■ Tri-proof Light

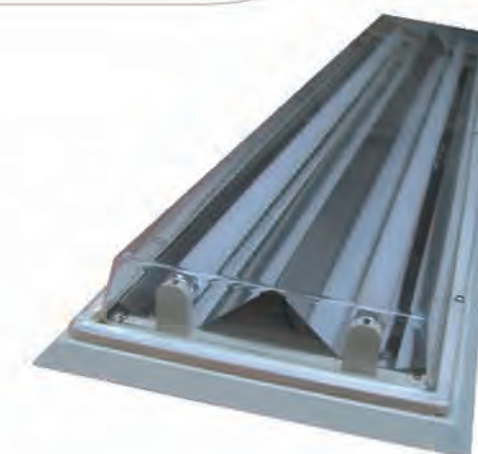


■ Indicator Lamp



■ Cleaning Luminaire

- ◆ Features: Transparent stainless steel frame, mirror full liner, transparent plexiglass ceiling purification lamp, strong illumination, reflective effect, stainless steel frame is not corroded, beautiful appearance, good sealing, anti-interference, no dust, easy Clean.



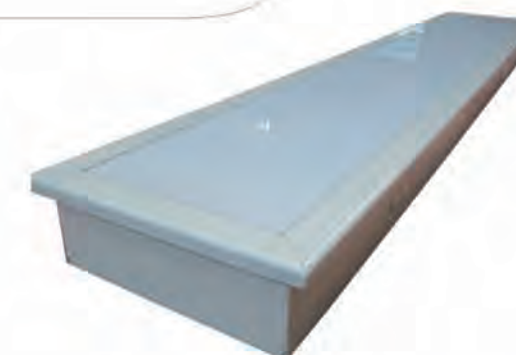
Model	Consumption	External Size		
		L	W	H
JHD40W×2/JH-03	40W×2	1300	240	65
JHD30W×2/JH-03	30W×2	1000	240	65
JHD20W×2/JH-03	20W×2	720	240	65

■ Cleaning Luminaire

- ◆ Features: Aluminum frame, milky plexiglass embedded purification lamp, good illumination, reflective soft, beautiful appearance, anti-interference, no dust, easy to clean.

- ◆ Power Supply: 220V

- ◆ Lamp-house's Power: 2*40W



Model	Consumption	External Size			Hole Size	
		L	W	H	L	W
JHD1×40W/JH-04	40W×1	1270	190	75	1245	165
JHD1×30W/JH-04	30W×1	960	190	75	935	165
JHD1×20W/JH-04	20W×1	655	190	75	635	165
JHD2×40W/JH-04	40W×2	1270	245	75	1245	220
JHD2×30W/JH-04	30W×2	960	245	75	935	220
JHD2×20W/JH-04	20W×2	655	245	75	635	220

Hand Sink



Sink



Shoe Cabinet



Hand Sink



Cleanout and Floor Drain



Ozone Generator



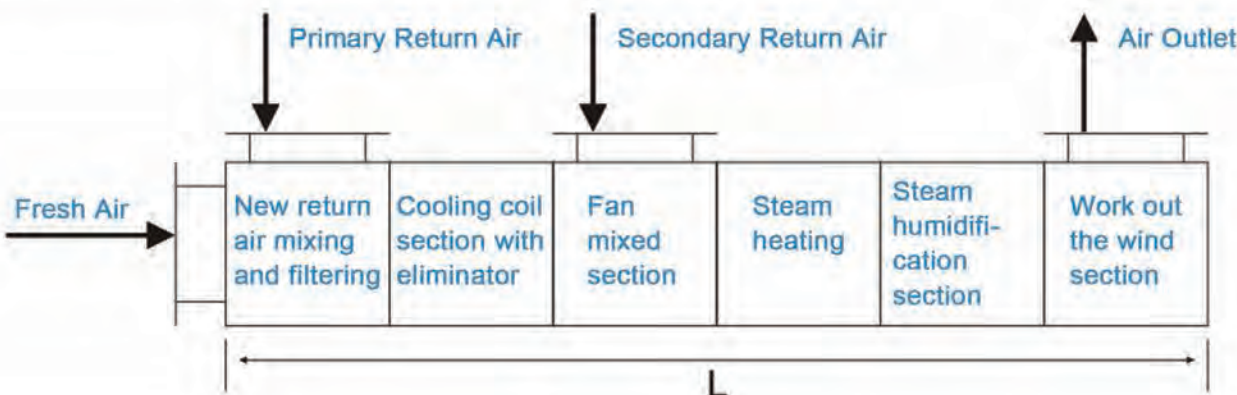
Differential Pressure Gauge



Temperature Hygrometer



Clean Hands Apparatus



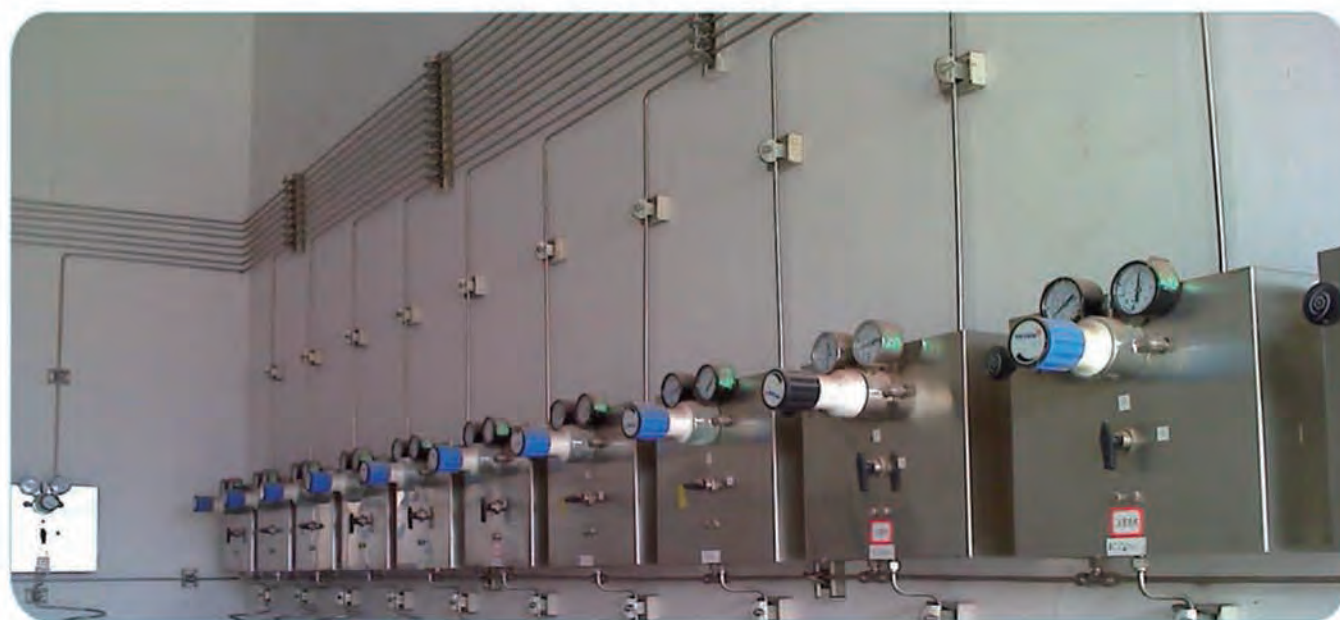
Modular Air Conditioning Purification Unit

ZKW series air conditioner adopts components, components factory, field combination, transportation, easy installation, the cabinet shell using composite color steel insulation board, sandwich layer for the flame-retardant polystyrene board, rust and corrosion resistance, excellent insulation properties.



Technical Parameters:

Model		ZKW-10	ZKW-20	ZKW-30	ZKW-40	ZKW-50	ZKW-60	ZKW-70	ZKW-80
Body		10000	20000	30000	40000	50000	60000	70000	80000
		58.15	116.28	174.42	232.56	290.75	384.84	407.05	465.12
		69.78	139.53	209.30	279.07	348.84	418.61	488.37	558.14
Section	High	1500	1700	2100	2300	2600	2700	2800	2900
	width	1580	1780	2180	2380	2680	2780	2880	2980
Fan	Model	KKF-450	KKF-630	KKF-710	KKF-900	KKF-900	KKF-1000	KKF-1000	KKF-1120
	Air volume scope(m³/h)	8255~16922	16411~25026	25115~36020	34030~45941	45941~57852	57038~69590	63438~75680	70548~88838
Conduit Joint	Cooling water to take over the nominal size(mm)	2 rows	Dg50	Dg50	Dg50	Dg65	Dg50	Dg50	Dg65
		4 rows	Dg50	Dg65	Dg65	Dg65	Dg65	Dg65	Dg80
		8 rows	Dg50	Dg65	Dg65	Dg65	Dg65	Dg65	Dg80
Conduit Joint	Water vapor heating over nominal size(mm)	Dg50	Dg50	Dg65	Dg80	Dg80	Dg100	Dg100	Dg100



Gas pipeline system has important position in modern laboratory. THE rationality of the designing will have a directly influence to the veracity of experimental result The professional and rational of gas pipeline system will reduce danger of laboratory, have a directly influence to the veracity of experimental result, can repair and maintain easily at the same time.

The lab work environment should insure the security of the personnels. Moving the gas cylinders out of the lab and then supplying the gases by the centralized supply system it can enhance the safety condition.



SUS-316L-BA



SUS-316L-LOK-U



SUS-316L-LOK-UT



LOK



LOK



SUS-316L-LOK



SUS-MAX25MP



SUS



1/8"-1/2"



1/4 "-1/8" SUS316L-LOK



1/4 "LOK-M20 SUS316L



1/4 "LOK-1/4" SUS316L-LOK



Cylinder Cabinet(Single bottle 500/Double bottle 900/
Three bottles 1200*450*1800mm)



Automatic ventilator / uninterrupted ventilation
Control: Pressure
Max Withstand Voltage: 25MP-250KG
Min Output: 0.1MP-1KG



Terminal panel



Leakage Alarm
Input Voltage: 220V-50HZ
Extended Output: Exhaust device
Detection Range: 0-100%
Tolerance Scope: $\pm 5\%$



First Stage Regulator
Max Output: 25MP-250KG
Min Input: 0.1MP-1KG



Secondary Regulator
Min Input: 0.1MP-1KG



The Online Pressure Gauge
Min Input: 0.1MP-1KG



Gas Cylinder Connection

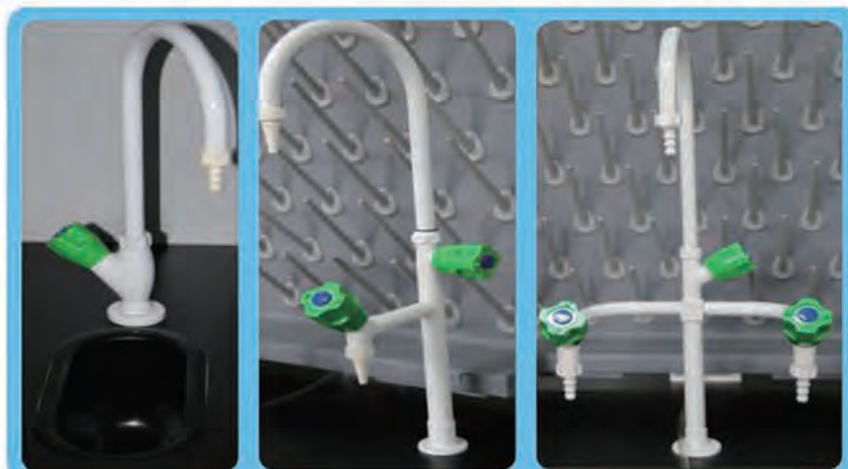
GAS TYPE	Molecular Formula	National Standard	CGA Connector	UHP-CGA	DIN	JIS
Helium	He	G5/8"-RHF	580	718	DIN6	22-R/23-R
Hydrogen	H ₂	W21.8-14LHF	350	724	DIN1	22-L
Hydrogen Chloride	HCl	G3/4"-RHF	330	634	DIN8	26-R
Hydrogen Fluoride	HF	G3/4"-RHF/ W21.8-14RHF	660/670	638	N/A	26-R
Hydrogen Sulfide	H ₂ S	G3/4"-RHF/ W21.8-14RHF	330	722	DIN5	N/A
Iso-Butane	I-C ₄ H ₈	M22*1.5-LHM	510	N/A	N/A	N/A
Krypton	Kr	G5/8"-RHF	580	718	DIN6	22-R/23-R
Methane	CH ₄	W21.8-14LHF	350	N/A	N/A	N/A
Methyl Chloride	CH ₃ Cl	G3/4"-RHF/ W21.8-14RHF	660	N/A	N/A	N/A
Natural Gas	Gas	W21.8-14LHF/ M22*1.5-LHM	350	N/A	N/A	N/A
Neon	Ne	G5/8"-RHF	580	718	DIN6	22-R/23-R
Nitric Oxide	NO	G3/4"-RHF/ W21.8-14RHF	660	N/A	N/A	N/A
Nitrogen	N ₂	G5/8"-RHF	580	718	DIN10	22-R/23-R
Nitrogen Trifluoride	NCI ₃	G3/4"-RHF/ W21.8-14RHF	330/670	640	DIN8	N/A
Nitrous Oxide	N ₂ O	G5/8"-RHF	326/660	712	DIN8	N/A
Oxygen	O ₂	G5/8"-RHF	540	714	DIN9	22-R/23-R
Phosphine	PH ₃	W21.8-14LHF	350	632	DIN1	N/A
Propane	C ₃ H ₈	M22*1.5-LHM	510	N/A	N/A	N/A
Silane	SiH ₄	G3/4"-RHF/ W21.8-14RHF	350	632	N/A	N/A
Silicon Tetrachloride	SiCl ₄	G3/4"-RHF/ W21.8-14RHF	330	636	N/A	N/A
Silicon Tetrafluoride	SiF ₄	G3/4"-RHF/ W21.8-14RHF	330	642	N/A	22-L
Sulfur Hexafluoride	SF ₆	G5/8"-RHF	590	716	DIN6	26-R
Tungsten Hexafluoride	WF ₆	N/A	670	638	DIN8	N/A
Xenon	Xe	G5/8"-RHF	580	718	DIN6	22-R

Note 1: 40L / 10L stainless steel valve standard G3 / 4-RH. Note 2: 10L the following standard gas valve standard W21.8-14RHF
Note 3: N / A is unknown

Gas Cylinder Connection

GAS TYPE	Molecular Formula	National Standard	CGA Connector	UHP-CGA	DIN	JIS
High Purity Gas		W21.8-14RHF	180	350		
Acetylene	C ₂ H ₂	Rolling blue	200/300/510	N/A	N/A	N/A
Air	Air	G5/8"-RHF	346/590	N/A	N/A	N/A
Ammonia	NH ₃	G1/2"-RHF	705	720	DIN6	22-R
Argon	Ar	G5/8"-RHF	580	718	DIN6	22-40/23-R
Arsine	AsH ₃	N/A	350	632	N/A	22-I
Boron Trichloride	BCl ₃	G3/4"-RHF/ W21.8-14RHF	660	634	DIN8	N/A
Boron Trifluoride	BF ₃	G3/4"-RHF/ W21.8-14RHF	330	642	DIN8	22-I
Butane	C ₄ H ₈	M22*1.5-LHM	510	N/A	N/A	N/A
Carbon Dioxide	CO ₂	G5/8"-RHF	320	716	DIN6	N/A
Carbon Monoxide	CO	W21.8-14LHF	350	724	DIN5	22-I
Cyclopropane	C ₃ H ₆	M22*1.5-LHM	510	N/A	N/A	N/A
Diborane	B ₂ H ₆	N/A	350	632	N/A	22-I
Dichlorosilane	CH ₃ SHCl ₂	N/A	678	636	DIN5	N/A
Diethylzinc	(CH ₃ CH ₂) ₂ Zn	N/A	510	726	N/A	N/A
Ethane	C ₂ H ₆	M22*1.5-LHM	350	N/A	N/A	N/A
Ethyl Chloride	C ₂ H ₅ Cl	G3/4"-RHF	510	N/A	N/A	N/A
Ethylene	C ₂ H ₄	M22*1.5-LHM	350	N/A	N/A	N/A
Ethylene Oxide	CH ₂ CH ₂ O	5/8"-RHF/ G3/4"-RHF	510	N/A	N/A	N/A
Germane	GeH ₄	N/A	350or660	632	N/A	N/A
Halocarbon11(116)		G3/4"-RHF	660	716	N/A	N/A
Halocarbon12		G3/4"-RHF	660	716	DIN6	N/A
Halocarbon14		G3/4"-RHF	320/580	716	DIN6	N/A

Note 1: 40L / 10L stainless steel valve standard G3 / 4-RH. Note 2: 10L the following standard gas valve standard W21.8-14RHF
Note 3: N / A is unknown



Body: Solid brass
Coating: High gloss epoxy powder, resistant to most chemicals, UV fading & heat
Ceramic headwork: 90° turn, 500,000 life cycles, water static pressure Max. 20 Bar
Handle: Ergonomic, high grade PP/ABS knob
Accessory: Detachable brass/ plastic serrated nozzle, water flow control outlet attachable

◆ Single-port Faucet ◆ Dual Port High and Low Leading ◆ Three Goose Neck Test Faucets



◆ Wet Gas Cock ◆ Wall Gas Cocker ◆ Pure Water Faucet ◆ Induction Faucet ◆ Hot and Cold Tap

Body: Solid brass
Coating: High gloss epoxy powder, resistant to most chemicals, UV fading & heat
Headwork: Needle valve
Handle: Ergonomic, high grade PP/ABS knob

Material: 304 Stainless steel
Headwork: Stainless steel valve
Finish: Matt finish

Material: Solid brass
Headwork: Needle valve
Finish: Nickel-plated

Material: Solid brass
Headwork: Needle valve
Finish: Nickel-plated



E Common experimental stool
F Common experimental stool
G Anti-static experimental stool
H Anti-static experimental stool



PEGBOARD

Material: High grade PP/stainless steel
Type: Single faced/double faced
Tray hole for water drainage
Detachable peg: Convenient for use
Installation: Panel mounted/deck mounted

Large: 54 pins 550*700*120mm
 Large: 27 pins 400*550*120mm



Remote Control

Body: Solid brass
Coating: High gloss epoxy powder, resistant to most chemicals, UV fading and heat
Ceramic headwork: 90° turn, 500,000 life cycles, water static pressure Max. 20 Bar
Handle: Ergonomic, high grade PP/ABS knob



A Extra large: 800*460*320mm



C Small: 440*340*280mm



D Cup Slot: 260*140*220mm



B Large: 550*450*310mm

PP Sink

Color: Black, grey
Material: High grade PP, resistant to most chemicals, such as Aqua Regia; Max. thickness to 7mm, do not distort
Finish: Matt finish on lip, resistant to scratch & consistent with most worktops finish
Accessories: High grade PP overflow, stopper, filter/PP Basket trap
 (All sinks are equipped with black basket trap)

Water Valve/Valve Knob Color Table

(According to the German DIN Standard 12920: 1995-10 standard)

DIN Standard 12920:1995-10 Recommendation Colour coding of Operating Handles

Media	Handle	Handle	Ring	Button	Text symbols
Cold Water		green	green	blue	
Hot water		green	green	red	
Distilled water		green	white	white	
Low pressure steam		green	red	red	
Vacuum		grey	grey	grey	
Compressed air		blue	blue	yellow	
Nitrogen		blue	green	green	
Argon		blue	grey	grey	
Helium		blue	grey	white	
Carbon dioxide		blue	blue	black	
Oxygen		blue	blue	blue	
Hydrogen (burning)		red	red	red	
Propane/Butane LPG(burning)		yellow	red	yellow	
Butane(burning)		yellow	blue	blue	
Propane (burning)		yellow	blue	red	
Acetylene (burning)		yellow	White	green	



Ground eyewash



Type:stainless steel
Emergency shower:304 stainless steel inlet pipe,s/s stay-open ball valve with s/s actuating arm s/s shower head
Eye wash:304 stainless steel inlet pipe, s/s stay-open ball valve with flag handle & s/s eye wash bowl
Spray head: Chemical resistant PP/Solid brass,built-in stainless steel filter to remove impurities from water
Foot treadle stainless steel available: Activating eye wash valve(Non-standard supply)



EMERGENCY SHOWER & EYE WASH

Type: Epoxy coated stainless steel
Coating:High gloss epoxy powder
Spray head:Chemical resistant PP/Solid brass,built-in stainless steel filter to remove impurities from water
Foot treadle stainless steel available:Activating eye wash valve (Non-standard supply)



EMERGENCY SHOWER & EYE WASH



Portable eyewash



Wall type eyewash



Desktop eyewash



Desktop eyewash



MS Series Magnesense @ Differential Pressure Transmitter is a very versatile transmitter for monitoring pressure and wind speed.

Stability: $\pm 1\% \text{F.S./Year}$
Temp. Range: $0-150^{\circ}\text{F}(-18-66^{\circ}\text{C})$
Pressure range: Maximum working pressure 1psi continuous;
Impact pressure: 100 psi



A Differential Pressure Transmitter



1 Remote Control

Ventilation cabinet controller used for ventilation cabinet in ternal electrical operating panel, and can output bit processor may receive the switch signal.



2 Point Processor

Little bit processor is mainly used for collecting fume hood controller output switch quantity statistical data, converts the received command signal transducer.



B Processor/PLC



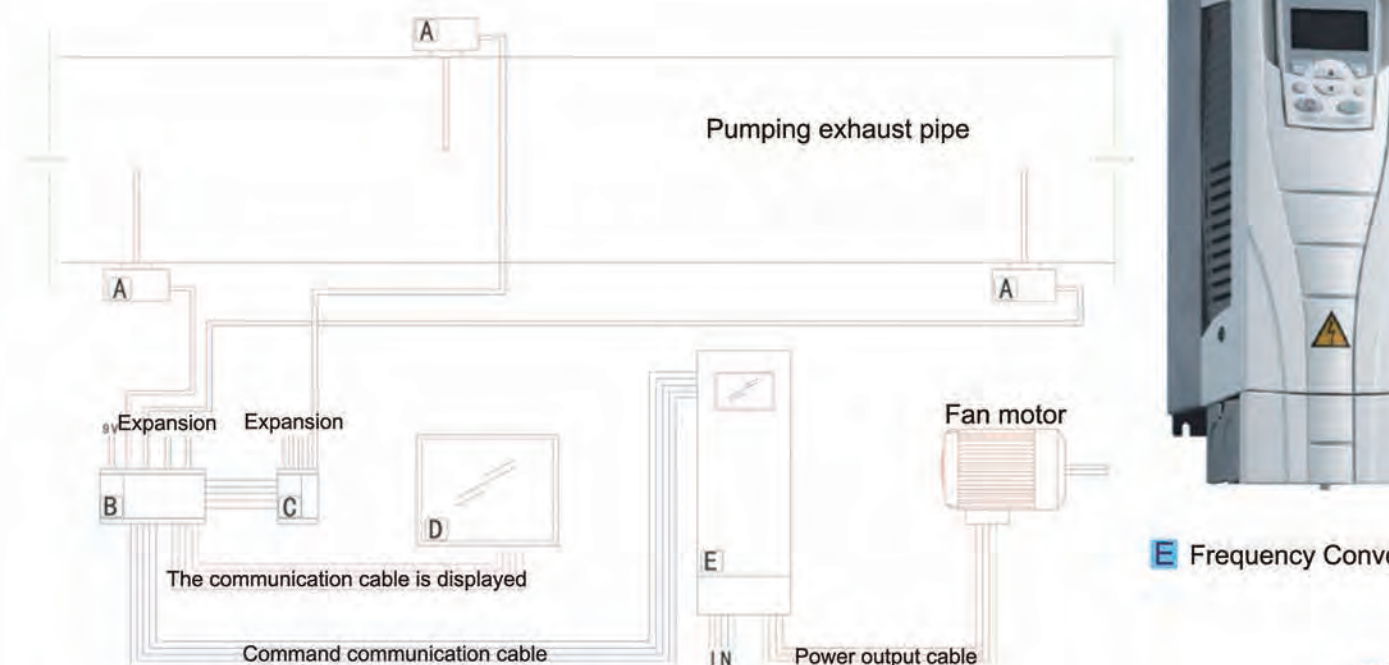
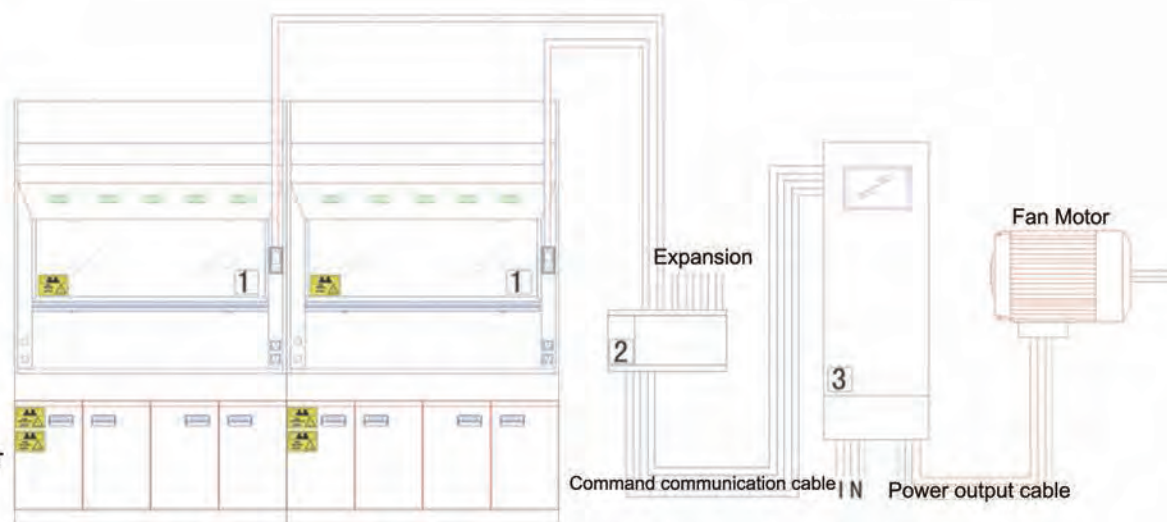
C Expansion Module



D Touch Screen/Man-machine Interface



3 Frequency Converter



E Frequency Converter



◆ FDT-type Fan
Form: Built-in motor
Material: Inner wall epoxy



◆ FDT-type Fan
Form: Lower the motor
Material: Inner wall epoxy



◆ FDT-type Fan
Form: Set the motor
Material: Inner wall epoxy

Size(NO.)	Power(kw)	Speed(r/min)	Volume Flow(m3/H)	Total Pressure(pa)
10	2.2	1400	3911-6580	542-334
12	3	1400	6600-11102	769-474
15	4	900	6910-11623	441-272
18	5.5	830	10697-17993	543-336
20	7.5	800	13137-22098	539-407
22	11	800	18701-31453	750-485
25	15	720	23394-39345	715-419
28	22	720	30562-51403	875-542
30	30	650	34947-58777	860-532
36	30	500	44990-74010	808-538
36	45	580	51280-85855	1086-723



◆ 4-72-type Fan
Form: C Type
Material: Glass fiber reinforced plastic



◆ 4-72-type Fan
Form: A Type
Material: PP

Size(NO.)	Power(kw)	Speed(r/min)	Volume Flow(m3/H)	Total Pressure(pa)
2.8A	0.75	1400	565-1178	288-126
3.6A	1.1	1400	1332-2534	393-247
4A	1.1	1450	2006-3700	501-329
5A	2.2	1450	3864-7728	790-502
6A	4	1450	6677-13353	1139-724
7A	7.5	1450	10602-21204	1550-984
6C	5.5	1600	7367-14734	1389-881
7C	5.5	1120	8189-16378	924-586
8C	7.5	1120	12224-22666	1207-887
10C	11	800	22312-31230	967-766
12C	15	630	30362-42498	863-684



◆ Electric air valve
Material: PVC
Specification: DN250

◆ Special hood fan
performance: 240m³/H
Specification: 220V-80W

◆ Fan
performance: 1400-2100m³/H
Specification: 220V-250W

◆ Anti-corrosion centrifugal fan
performance: see chart
Specification: see chart

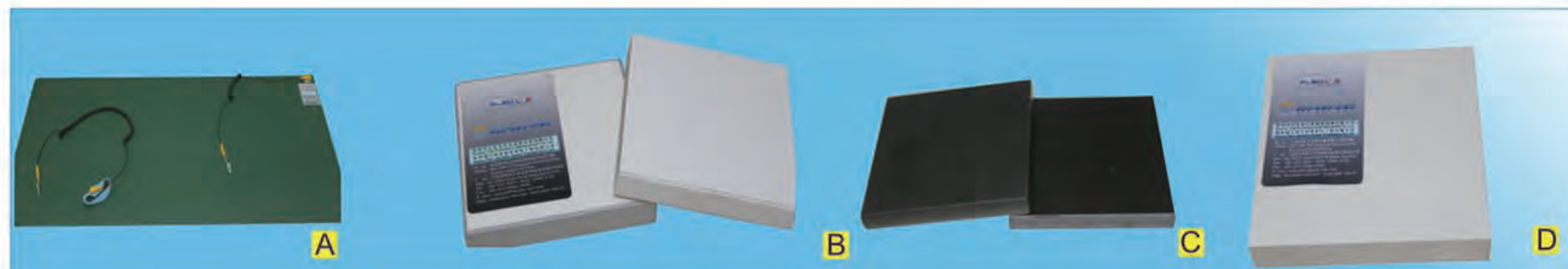
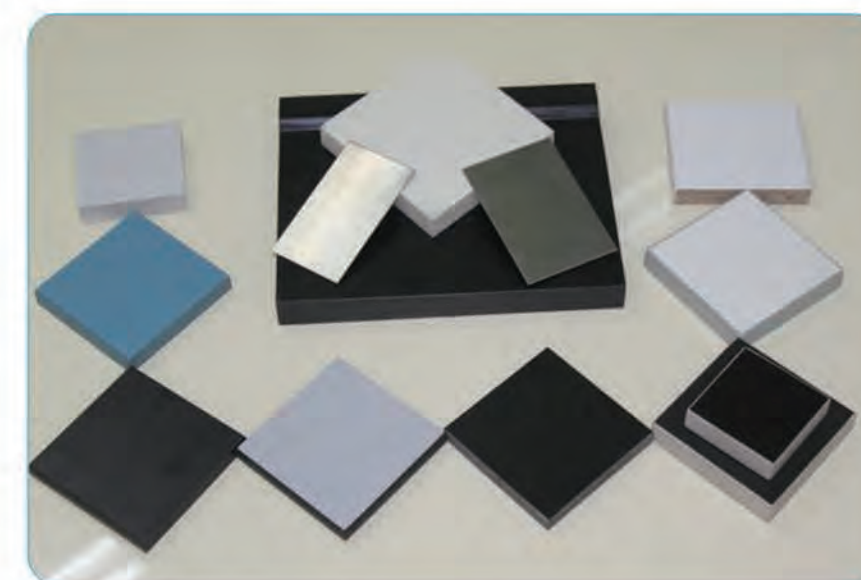
A Antistatic panel: application of the electronics laboratory, good anti-static function, can effectively prevent electrostatic harm so as to ensure that the experiment and experimental equipment safety.

B Melamine panel: applies to all equipment laboratory, in line with the E0 environmental protection standard.

C Solid physiochemical board: the application of the chemical laboratory, effective ability of acid and alkaline resistance, high temperature of about 120 degrees Celsius.

D The PP panel: application of the chemical laboratory, effective super acid and alkali resistance ability.

E The application of the chemical laboratory, effective resistance to strong acid and alkali, high temperature of about 600 degrees Celsius.



F Stainless steel panel: the application of the chemical laboratory, effectively resist acid and organic solvent, high temperature of about 200 degrees Celsius.

G Trespa: the application of the chemical laboratory, effectively resist acid and organic solvent, high temperature of about 120 degrees Celsius.

H Ceramic plates: application of the chemical laboratory, effectively resist acid and organic solvent, high temperature of about 1500 degrees Celsius.



WILSONART
INTERNATIONAL





■ **Specification:** Standard specification as follows, length is chosen by requirement, width of sidelined laboratory table and central one are 750mm and 1500mm in respectively, height 850mm. Non-standard specification can be made by requirement.

■ **Tabletop:** Using 16mm thick EPOXY tabletop, corrosion of strong acids and alkali, bearing high temperature of 600 degrees. Its edge thickened to 25mm. Or you can choose others, physiochemical board, tresspa, ceramic plate or stainless steel plate.

■ **Cabinet:** Using 1.2mm thick SPCC of Baosteel made, process CNC punch cutting, CNC bend to shape, surface coating 75 to 80um TIGER EPOXY resin powder corrosion resistance. Color can be chosen by PANTONE. In order to dismantle easily, they're all built up by independent cabinets.

■ **Panel:** Using 1.2mm thick SPCC of Baosteel made, process CNC punch cutting, CNC bend to shape, surface coating 75 to 80um TIGER EPOXY resin powder corrosion resistance. Color can be chosen by PANTONE. The upper edge portion of panels is down side 30mm.

■ **Drawer Slides:** Using the three ultra-quiet upscale rails of DTC.

■ **Hinge:** Door panel are the damped buffer hinge

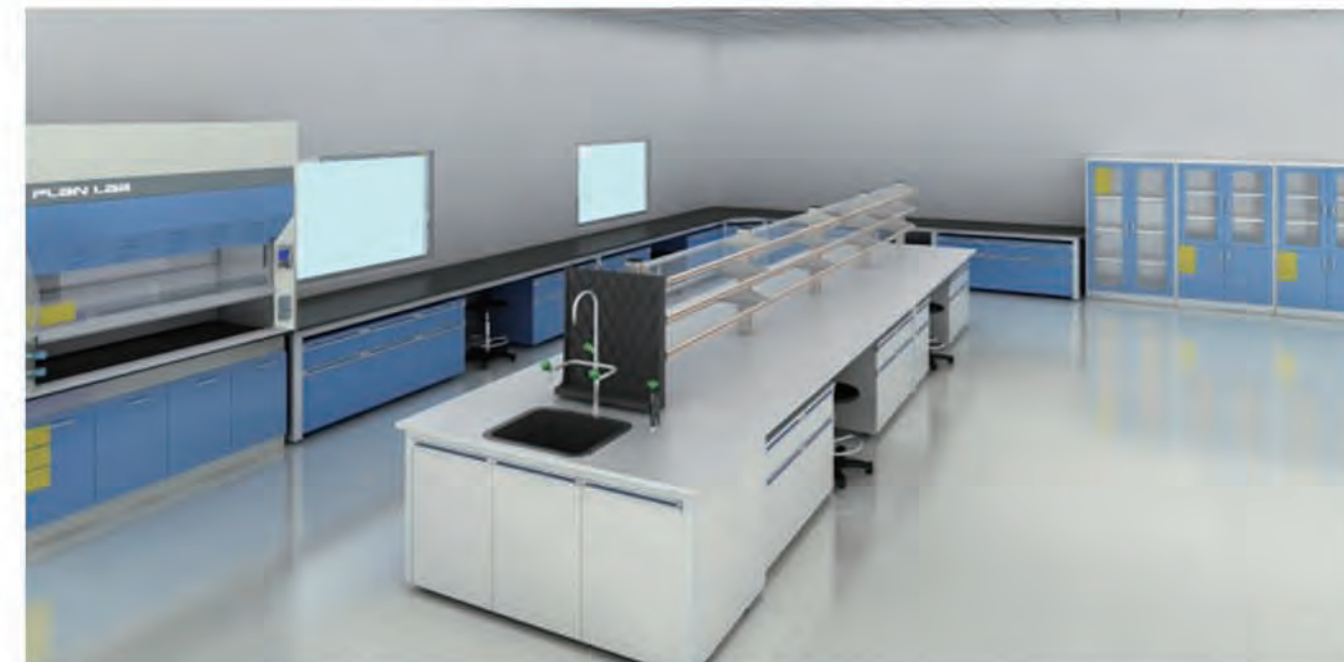
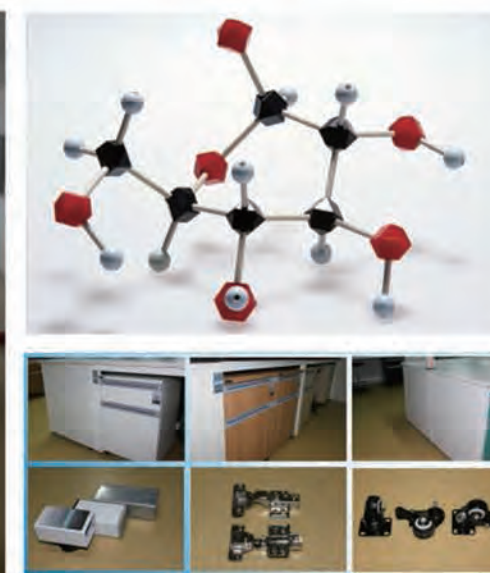


Professional-quality brand success





- **Tabletop:** Using 16mm thick EPOXY tabletop, corrosion of strong acids and alkali, bearing high temperature of 600 degrees. Its edge thickened to 25mm. Or you can choose others, physiochemical board, tresspa, ceramic plate or stainless steel plate.
- **Door:** Using 18 or 16mm EOUJIA high quality melamine board. Inner is processed and covered by high pressure of POLYESTER RESIN, and the edge is waterproof treated by PVC of import Hot Melt Adhesive.
- **Hinge:** Using the high quality laboratory dedicated hinge, it can be opened and stopped to 90 degrees angle.
- **Side panels:** Using 18 or 16mm EOUJIA high quality melamine board. Inner is processed and covered by high pressure of POLYESTER RESIN, and the edge is waterproof treated by PVC of import hot melt adhesive.
- **Drawer bottom:** Using 18 or 16mm EOUJIA high quality melamine board. Inner is processed and covered by high pressure of POLYESTER RESIN, and the edge is waterproof treated by PVC of import hot melt adhesive.
- **Handle:** Using the high quality laboratory dedicated handle made of quality PVC or aluminum alloy.
- **Laminate:** Using 18 or 16mm EOUJIA high quality melamine board. Inner is processed and covered by high pressure of POLYESTER RESIN, and the edge is waterproof treated by PVC of import hot melt adhesive. Settling several height adjustment buckles.
- **Power supply:** Power outlet using the brand 220V outlet and be installed one set per meter.
- **Adjustable feet:** Setting waterproof and height-adjustable feet.



- **Metal Frame:**
- **Vertical Frame:** 1-2mm thick, 60x40mm steel pipe welded.
- **Front beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.
- **Back beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.
- **Lower beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.
- **Adjustment foot:** 4mm spiral pole with water proof and antirust base.





- **Metal Frame:**
- **Vertical Frame:** 1-2mm thick, 60x40mm steel pipe welded.
- **Front beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.



- **Back beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.
- **Lower beam:** 1-2mm thick, steel-plated, fixed on vertical frame with screw and tensile nail.
- **Adjustment foot:** 4mm spiral pole with water proof and antirust base.

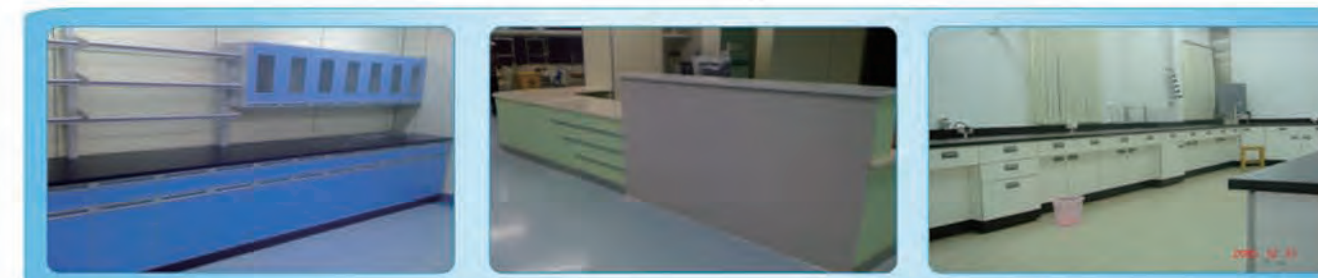




- **Work surface:** 12.7mm acid and alkali resistance plate, Lip at the front edge of the work surface ensures that any spillage is contained within the work zone, brand being self-chosen.
- **Door:** 18/16mm EOUJIA high quality plate, polyester resin coating treatment, water proof PVC sealing edging.
- **Hinge:** high quality hinge special for laboratory. Side plate: 18/16mm EOUJIA high quality plate, polyester resin coating treatment, water proof PVC sealing edging.
- **Drawer bottom plate:** 18/16mm EOUJIA high quality plate, polyester resin coating treatment, water proof PVC sealing edging.
- **Handle:** ABS or aluminum alloy tailor-made for laboratories.
- **Laminate:** 18mm EOUJIA machine-made plate, polyester resin coating treatment, water proof PVC sealing edging.



- **Electrical Power:** 220V socket, about one group socket per meter.
- **Adjustment:** water proof.
- **Baseboard:** 18mm EOUJIA machine-made plate, externally bonded with 100mm anti-fire plate, equipped with ABS high low control angle to isolate vapor.
- **Pipe sink:** 18mm high-density fiberboard, surface bonded with white plate, sealing treatment at the edge.
- **Sink:** 6mm PP made in Taiwan, strong acid and strong alkali resistance, integral forming.
- **Water fittings:** copper single faucet resisting acid and alkali through paint baking, PVC outlet easily for disassemble and cleaning, made in Netherlands.
- **Falling water head:** filtering with odor blocking and water proof function, easily for disassemble and maintenance (pp three elements is equipped, double protection)
- **Reagent shelf:** first class cold rolled steel plate through acid bathing and epoxy baking.
- **Guardrail:** made of aluminum alloy, paint baked and plastic sprayed. Laminate of medicine
- **Shelf:** 10mm explosion protection glass, high low control button, power switch can be installed on the lower part of the medicine shelf.





- **Specification:** standard length 900mm , width 600mm and height 860mm.Non-standard specification can be made by requirement.
- Frame:** Shaped by welding 40*60mm galvanized square tubes.surface coating 75 to 80um TIGER EPOXY resin powder corrosion resistance.
- Tabletop:** Using 25mm thick black high flatness marble, there has a damping strip connect with tabletop junction
- Adjustable feet:** Keep it balanced through the 4 adjustable feet for M8 screw rod plastic. Level: Button universal level.



■ Electronic experimental table/Anti-static workbench



■ Microbial test bench/Stainless steel workbench



■ High temperature stage/instrument stand

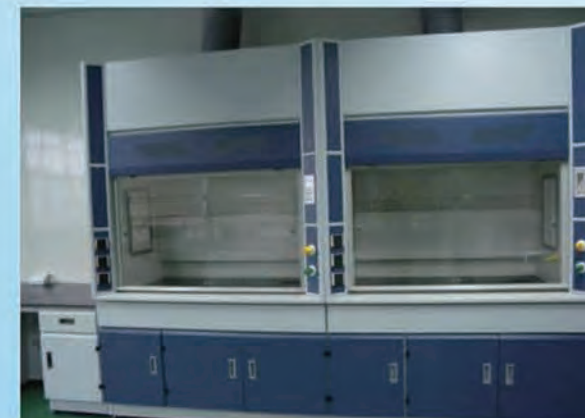


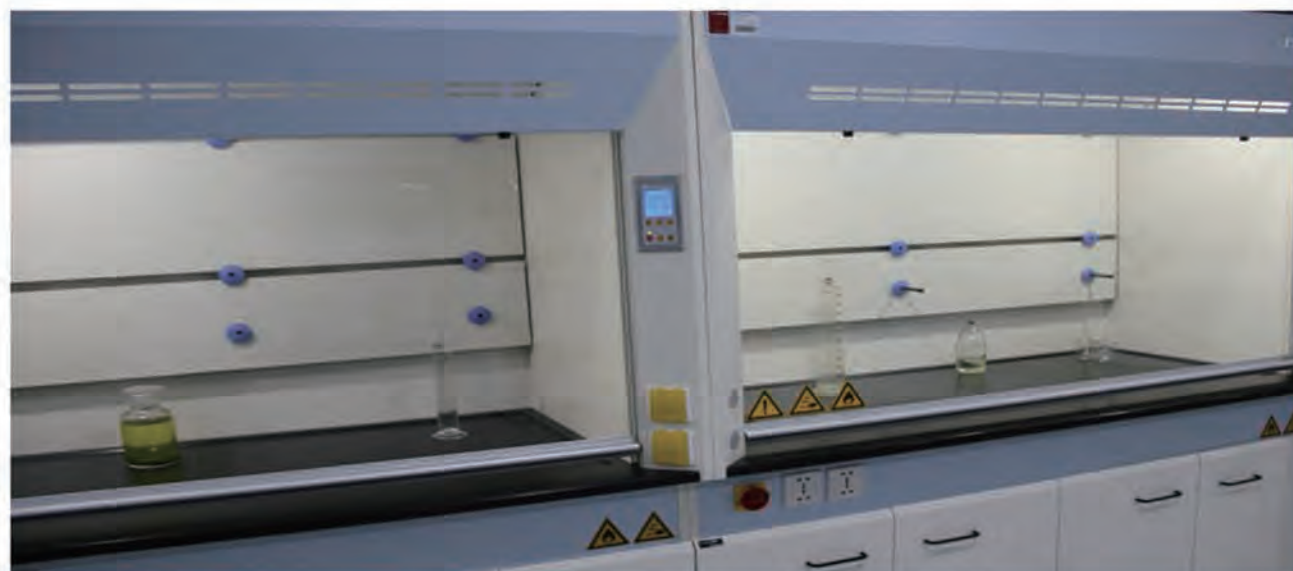


- **Outer Shell:** made of 1.2mm galvanized steel plate made by Baosteel with surface spraying 75um epoxy powder.
- **Inner Shell:** 6mm gray acid and alkali resistance material special for laboratory, PVC fixation room with 450*330mm door on both sides opens up easily for immediate access for all maintenance function.
- **Work surface:** 12.7mm work surface Physicochemical board that will never rust, chip, or generate particles, the edge turning downwards



- **Lights:** one 30 watt warm white fluorescent lights, SUS stainless lamp base, 5mm foggy surface stiffening glass.
- **Handle:** SUS "C"-shaped handle to avoid airflow disturb.
- **Electrical operation plate:** SUS electrical operation plate, touch switch to control power, lighting, fan and backup power.
- **Airflow plate:** 6mm gray acid and alkali resistance material special for laboratory, fixed on the back of the fume hood, high quality Ppspecial fixer easy for disassemble and cleaning.
- **Electrical power:** dust and water proof electric outlet, equipped with onepower distribution box and air switch.
- **Window:** 6mm safety and explosion protection glass, non segment balancing device.
- **Wind speed and noise:** above 0.5/sec, 1500-1800 cubic air volume per hour, complying with the requirements.
- **Assay flume:** PP acid and alkali resistance flume with filtering and odor blocking function.
- **Assay tap:** single port German-made assay tap special for laboratory (optional)
- **Gas Fitting:** Copper-coated and epoxy paint baked to high pressure/acid and alkali/hot resistance, single isolation operation (optional).
- **Exhaust fan:** the shell and wind wheel being of acid and alkali resistance, 3/×220V _HP motor by Dongyuan or Datong, PP pipe wind outlet, PP -coated windmill, " _]×wind pipe.(according to actual size)
- **Fixed mount:** galvanized iron
- **Adjustment Foot:** 9mm diameter galvanized spiral pole good for isolating vapor and adjustment.
- **Outside size:** W1800/1500/1200*D800*H2350 Inside available work space: W1600/1300/1000*D600*H1190





- **Dimensions:** length I1200/II1500/III1800, depth 800MM, height 2350MM, L for landing/T for the trait, the scale is produced in accordance with the requirements
- **Structure elucidation:** the ordinary type of fume hood strategy by / cabinet mesa, fall to the ground for the whole structure, a combination strategy/mesa desktop model
- **Mesa description:** use 16 mm thick epoxy resin dished, resistant to strong acid alkali corrosion, high temperature of 600 degrees, or an alternate mesa (physical and chemical plate/thought/ceramic plate, stainless steel plate) mesa is located inside the ark.
- **Cabinet put oneself in another's position description:** adopt baosteel to produce 1.2 mm thick cold rolled steel sheet (SPCC) after CNC punch blanking, nc bending forming, surface spraying, 15-80 um Austria tiger brand outdoor corrosion resistant epoxy resin powder, color can be made reference to pantone.
- **Secondary wind plate:** the baosteel to produce 1.2 mm thick cold rolled steel sheet (SPCC) after CNC punch blanking, nc bending forming, surface spraying, 15-80 um Austria tiger brand outdoor corrosion resistant epoxy resin powder, color can be made reference to pantone. Positive impact have multiple tuyere



- **Wind speed and air volume:** wind speed 0.6 m/s (the front door open to the 300 mm) above, air volume is 1200-1800 m³/h
- **Air valve:** for the PVC electric corrosion air valve
- **Handle:** cupboard door handle with PP special handle corrosion can insert card type experiment
- **Power supply:** the ark set 86-220V-10A multi-function six eye socket, which set up a special laboratory with splash cover two socket





- **The ark (optional)** : the ark as active ark, cabinet put oneself in another's position and door plank is made of 1.0 mm cold rolled steel plate stamping forming of welding burnish, after the surface acid leaching of spraying 75 um thick akzo Nobel outdoor special epoxy resin powder durable chemical splash, acid and alkali proof, color to white dove grey or light blue or moonlight pea-green (the default shipping color to white moonlight) for pump type buffer damping hinge hinge, handle for aluminum alloy concave font handle bar face using the whole white moonlight 12.7 mm away solid physiochemical board in the United States, acid and alkali resistant organic solvent laboratory of special corrosion resistant materials.
- **Front door**: front door for the entire 5 mm thick toughened safety glass, use plastic coated stainless steel rope pulley through multiple corrosion state city will cylindrical counterweight iron bar and front door glass link, achieve the equilibrium of gratuitous effect of counterweight is located in the column to avoid noise and before and after the impact, with a plastic pipe, to strengthen reinforced glass, put his hand for the whole 2-5 mm thick wall tube special aluminum modelling, surface oxidation treatment
- **Lighting**: use two high low-power LED lamp life. Located in the front of the roof
- **Suction hood**: as a molding corrosion resistant PP convulsions, vents for DN250
- **Adjust a foot**: embedded M8 special cap, rubber adjust feet, equipped with M8 screw system to realize the adjustment to adapt to the ground

- **Mesa**: using 16 + 16 mm thick epoxy resin laboratory dedicated high-end mesa, barriers and borders are a casting forming thickening bevel edge chamfering processing, can effectively prevent the mesa of liquid flow, mesa acid alkali resistance and 600 degrees high temperatures, in which and the ark junction, color is pure black (or choose any other color), table top right corner sets groove of testing water cup (size: 260 * 140 * 220)
- **Column**: manufactured wall thickness of 2 mm aluminum modelling, oxidation treatment on the surface, in order to ensure the strength and the overall aesthetics, pillar is composed of four before and after
- **Beside the board**: use 12.7 mm thick white moonlight away solid physiochemical board in the United States, acid and alkali resistant organic solvent laboratory of special corrosion resistant materials. To effectively improve the corrosion resistance of the plate is from top to bottom whole material, height is 2400 mm
- **Tank**: back and roof use 5 mm thick white moonlight after physical and chemical plate, special laboratory of acid and alkali resistant organic solvent corrosion resistant material, in order to improve the corrosion resistance, effective on both sides of the tank using 12.7 mm thick white moonlight away solid physiochemical board in the United States, acid and alkali resistant organic solvent laboratory of special corrosion resistant materials



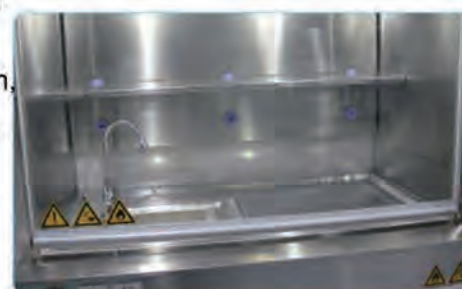
PP Fume Hood

- A. Cabinet Description: The use of PP plate CNC engraving after welding, from the cabinet under the counter group all made;
- B. Table Description: 20mm thick PP board;
- C. interior Description: The use of PP plate CNC engraving after welding treatment;
- D. baffle Description: The use of PP plate CNC engraving after the use of special PP fasteners and the cabinet liner connection;
- F. door description: 10mm thick PP board.



SUS Fume Hood

- Specifications: Size: length I 1200 type / II 1500 type / III 1800 type, depth 800mm, height 2350mm, L for the floor type / T is a special type, non-standard size in accordance with the requirements of production.
- Structure Description: Ordinary style fume cupboard is made up of upper cabinet / countertop / lower cabinet, landing floor is overall structure, table top is made up of upper cabinet / countertop.
- Table top: EPOXY epoxy table, resistant to strong acid and alkali corrosion, high temperature 600°C, or alternative table (physical / chemical board / Trespa / ceramic plate / stainless steel) table is located in the cabinet.
- Cabinet Description: With Baosteel 1.2mm thick cold-rolled carbon steel sheet (SPCC) CNC punching, CNC bending forming, surface coating 75-80um Austria Tiger brand (TIGER) outdoor corrosion-resistant epoxy powder.
- Panel Description: With 1.2mm thick cold-rolled carbon steel sheet (SPCC) produced by Baosteel, CNC bending forming, the surface is coated with 75-80um TIGER outdoor corrosion-resistant epoxy resin powder. In order to achieve a good three-dimensional sense of the upper part of the edge of the edge of the panel 30mm.
- Liner Description: The use of 5mm thick physical and chemical board production, both sides of the door with PP material maintenance.
- Baffle Description: 5mm thick physical and chemical board production, the use of special PP fastener material fixed on the back of the liner, can be free to disassemble and clean.
- Suction cover Description: The exhaust hood is located at the top of the fume hood, for the PP material an injection molding, exhaust diameter ϕ 250mm.



Pilot Fume Hood

- A. Cabinet Description: 50 series of mouth-color steel, according to the requirements of EPS or Yanmian sandwich layer, corners have a dedicated part of the circular arc treatment; size and size in full accordance with site requirements;
- B. countertop Description: can be added according to the requirements of countertops, optional physical and chemical board, Trespa, ceramic plates, stainless steel plate;
- C. Liner Description: 50 series of mouth-type color steel, according to the requirements of EPS or rock wool sandwich layer, corners of the part of a dedicated circular arc treatment;
- D. baffle Description: 5mm thick physical and chemical board production, the use of special PP material fastener fixed to the back of the liner, can be disassembled cleaning;
- E. the front door Description: To clean the color plate to open the door, to achieve large-scale equipment (reactor / rotary evaporator) access, the door has a glass window and make up the wind shutters.





■ Toxic reagent cabinet/Double lock control



■ Reagent safety cabinet



■ Reagent safety cabinet



■ Reagent safety cabinet

gal/L	4gal/15L	12gal/45L	22gal/83L	30gal/114L
L*D*H=mm	430*430*560	590*460*890	600*460*1650	1090*460*1120
Yellow indicates flammable	45gal/170L	54gal/204L	60gal/227L	90gal/340L
Red indicates combustible				
Blue indicates corrosive				
	1090*460*1650	600*870*1650	860*860*1650	1090*860*1650



■ Clean lab coat



■ Long-sleeved lab coat



■ Short-sleeved lab coat



■ Laboratory masks



■ Safety glasses A



■ Safety glasses B



■ Laboratory gas mask



■ Safety glasses C



■ Safety glasses D



■ Laboratory of first aid box



■ Laboratory aid kit