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PRODUCT BROCHURE

Acid And Alkali Storage Cabinet

SSC-4W SSC-12W SSC-28W SSC-30W SSC-45W SSC-60W SSC-90W



Application

Cabinet door:Apply 15mm PP(polypropylene) material.
PP laminate ,Separate extraction,Easy to clean
Bridge doorknob:PP(polypropylene) material with anti-corrosive performance
In order to provide safety, double-lock structure can enhance the safety factor.
Cabinet body apply 8mm PP(polypropylene) plate with Seamless welding, beautiful appearance, with more than 10 years of service life.
Warning labels Doorknob is marked with a marked corrosive warning.
Hing: apply injection molding PP material with good anti-corrosive performance.
Apply PP(polypropylene) material, Longer service life, Quality guaranteed.

Specifications

Model		SSC-4W	SSC-12W	SSC-28W	SSC-30W	SSC-45W	SSC-60W	SSC-90W
Parameter	Dimension(H*W*D)(mm)	560×430×430mm	890*590*460mm	900*910*600mm	1120*1090*460mm	1650*1090*460mm	1650*860*860mm	1650*1090*860mm
	Specification	4 gallon	12 gallon	28 gallon	30 gallon	45 gallon	60 gallon	90 gallon
	Standard laminate	1	1	1	1	2	2	2
Configure		Single door ,double-lock		Double door,double-lock	Double door,double-lock			

Chemical Safety Cabinet

CSC-F800 CSC-F1600 CSC-F820

Features

Advanced VOC Detector port detects pollution.in time, with special alarm system.

Remote monitoring system: Users can view the device's running status and set the parameters by WeChat Alarm information can be sent to users when Malfunction.

Transparent acrylic glass with good anti-corrosive performance.

Gray finish paint wall with epoxy powder coated, with anti-corrosive and anti-rust performance.

Silent turbine fan draws chemical vapors from bottles into a HEPA filte with high absorption capacity.No static, no spark and super silence motor. Various types of filters can realize 99.99% high efficiently filtering.

Unique designed LED touch screen control system,which combine all data in one piece computer control panel, easy to control fan speed, lighting, etc. and convenient to set up and monitor all data.

Epoxy resin coated adjustable shelf with leaking holes. Which can be adjusted according to the size of vessel.



CSC-F800

Reliability

- No duct, easy to install, no exhaust gas,modern and environmental protection.
- Optional filtration module system according to a variety of experiment needs.
- Advanced module filtration technology, full absorption of toxic vapor, particle & dust,etc.
- No consumption of air conditioning energy, high efficiently saving energy.

Specifications



Model	CSC-F800	CSC-F1600	CSC-F820
Specification			
External Dimension(H*W*D)(mm)	2070×800×510	2070×1600×510	772×819×350
Internal Dimension(H*W*D)(mm)	1604×797×475	1604×1594×475	520×816×338
Shelf	8	16	2
Compression of shelf	30kg	30kg	30kg
Air Capacity(m3/h)	230m³/h	230m³/h	75m³/h
Capacity	160 bottles(500ml)	320 bottles(500ml)	48 bottles (500ml)
Noise	40 dBA	40 dBA	40 dBA
Voltage	220V/50Hz	220/50Hz	220V/50Hz
Power	42W	42W	42W
Rated currents	2A	2A	2A
Configuration			
Filters(pcs)	3	3	3
Fans(pcs)	1	1	1
Shelf(pcs)	8	16	2
Display screen	YES	YES	YES
Power cord(pcs)	1	1	1
Control system(unit)	1	1	1
Alarm system	YES	YES	YES
Optional parts			
Transparent door			
Black door			
Galvanized shelf			
PP shelf			
HCL BOX			
Filter Model	SFGL OG: Organic filter	SFGL OG:Organic filter	SFGL OG: Organic filter
	SFGL AG: Inorganic filter	SFGL AG: Inorganic filter	SFGL AG: Inorganic filter
	SFGL FO:Formaldehyde filter	SFGL FO: Formaldehyde filter	SFGL FO: Formaldehyde filter
	SFGL AM:Ammonia filter	SFGL AM: Ammonia filter	SFGL AM: Ammonia filter
	SFGL H14: HEPA filter	SFGL H14: HEPA filter	

Chemical Safety Cabinet

SSC-151B



Features

There is a $\phi 150\text{mm}$ vent in the middle of the cabinet top and an AC220V,50HZ and 0.18A axial fan is disposed in the vent.

Piano hinges are used to ensure that the door can open 180 degree. Fireproof expansion seal is installed between the cabinet door and the cabinet and the seal meets the requirements of GB16807-2009.

The inner side (upper/lower/left/right liner panel) uses porcelain white PP (polypropylene resin) plates. The cabinet is disposed with three one-time forming three-layer staircase type PP polypropylene resin movable shelves and 10mm vents are disposed on the shelves.

Specification

Model	SSC-151B
Dimension(H*W*D)(mm)	1840*900*510
Door type	Double
Opening mode	Manual
Lock	Electronic combination lock with two locks
Plate	3 PP staircase-type movable shelves
Color	Blue
Others	Time control switch

Chemical Safety Cabinet

SSC-F910Y SSC-F910B

Features

- The turbine motor draws the air from the outside of cabinet.
- The air brings the hazardous vapour into the filtration system
- Choose a proper high efficient filter according to the chemicals
- The hazardous air goes though molecular filter become fresh air
- Touch screen control system:Temperature,humidity, density and other data are displayed on one screen
- Fan and filter system automatically works
- When it detects a certain density pollution.
- Electric power: complies with GB10409 2001,5.5
- Double locks should be controlled by two people
- Fireproof material is between the two walls.
- Electronic lock system with LCD screen, which is compliance with GAVT73 standard.
- Electronic lock is compliance with GB 10409 20015.4
- ALL connecting screws and handle are 304 material
- The internal liner of flammable poison storage cabinet(up,down,ef,right liner) are all made of porcelain white PP(Polypropylene) board, and there is adjustable intake vent in the right side of cabinet,which has stainless adjustable valve. A landfill cavity can hold sand thicker than 120mm on the right bottom of the cabinet(liquid leakage sump),which is used to bury metallic sodium. Phosphorus(white phosphorus) and other flammable items,apron and cabinet body should be connected as one part. There are 4 pieces Ø50mm rolling steel wheels set on the bottom of cabinet,easy to move the cabinet , and 2 pieces adjustment lever on the front wheels ,for fixing the position of flammable pensions storage cabinet.



SSC-F910Y



SSC-F910B

- There are 3 pieces 3 layers stain style PP removable shelves,which are made of imported anti-corrosive white PP material, and there is 10mm vent in the shelf.
- Hinge: the hinge should be piano hinge,which ensures the door can be opened 180 degree. There are expansive seals between the body and door of the cabinet, and seals conform to the requirement of GB 16807-2009(There should be installed the environmental thermal expansive seal between the cabinet door and cabinet. The seal can be partially expanded when the temperature is 150-180° . The seals all expand when the temperature reached 750° ,expansion ratio is 1:5,ensuring the safety of stored medicine)
- Temperature and humidity alarm device:It should be installed a temperature and humidity control,to monitor the relative temperature and humidity in the cabinet,digital display settings and measured values, and it will alarm immediately once the temperature and humidity exceed the setting measures values. Silent turbine fan draws chemical vapors from bottles into filter system with high absorption capacity, No static,no spark and super silence motor. Various tape filters can realize 99.99% high efficiently filtering.

Specifications

Model	SSC-F910Y	SSC-F910B
Specification		
External Dimension(H*W*D)(mm)	1960*900*510mm	1960*900*510mm
Door	Double door	Double door
Lock	Electric lock,Double lock	Electric lock,Double lock
Shelf	3 pp stair shelf	3 pp stair shelf
Colour	Yellow	Blue
Noise	40 dBA	40 dBA
Rated Voltage	220V/50Hz	220V/50Hz
Electric Powder	40w	40W
Rated current	2A	2A
Configure		
Filters(pcs)	3	3
Fans(pcs)	1	1
Shelf	3 pp stair shelf	3 pp stair shelf
Display screen	YES	YES
Power cord(pcs)	1	1
Control system(unit)	1	1
Alarm system	YES	YES
Optional parts		
Shelf		
Wheels		
Filter saturation alarm.		
Filters		

Chemical Safety Cabinet

SSC-F1100 SSC-F1101

Features

- Choose a proper high efficient filter according to the chemicals.
- The hazardous air goes through molecular filter becomes fresh air.
- The turbine motor draws the air from the outside of cabinet.
- The air brings the hazardous vapour into the filtration system.
- Activated carbon filter system with US imported fan.
- Reflective warning label.
- Galvanized removable shelf.
- Double-wall 1.2mm steel plate with 38mm air insulating space.
- Vent with anti-prevention.
- Touch screen computer control system monitors the humidity temperature and concentration in real time.
- Accommodate with OSHA standard static grounding connector.
- 50mm leakage proof sump.
- 3-Point locking system: Double locks plus 3 latches, easy to open 180° cupboard door, equipped with double key, optional padlock, realizing double lock management.
- A temperature and humidity controller is adopted, to monitor the relative temperature and humidity in the cabinet, digital display settings and measured values, and it will alarm immediately once the temperature and humidity exceed the setting values. Silent turbine fan draws chemical vapors from bottles into filter system with high absorption capacity. No static, no spark and super silence motor. Various type filters help realize 99.99% high efficiently filtering.



Specifications

Model	SSC-F1100	SSC-F1101
Specification		
Dimension(H*W*D)(mm)	1400*1090*460mm	1930×1090×460mm
Door	Double door	Double door
Lock	3-points lock	3-points lock
Shelf	1 galvanized shelf	1 galvanized shelf
Colour	Yellow	Yellow
Noise	40dBA	40dBA
Rated Voltage	220V/50Hz	220V/50Hz
Electric Powder	40W 2A	40W
Rated current	2A	2A
Configuration		
Filters(pcs)	3	3
Fans(pcs)	1	1
Display screen	YES	YES
Power cord(pcs)	1	1
Control system(set)	1	1
Alarm system	YES	
Optional Accessories		
Shelf		
Wheel		
Filter saturation alarm		
Filters		

Chemical Safety Cabinet

- SSC-4Y
- SSC-4R
- SSC-4B
- SSC-12Y
- SSC-12R
- SSC-12B
- SSC-22Y
- SSC-22R
- SSC-22B
- SSC-30Y
- SSC-30R
- SSC-30B
- SSC-45Y
- SSC-45R
- SSC-45B
- SSC-60Y
- SSC-60R
- SSC-60B
- SSC-90Y
- SSC-90R
- SSC-90B

Features

- * Double-walled steel structure with insulation for fire resistance
- * High-quality galvanized laminate can be freely adjusted
- * Three-point linkage door lock, optional padlock, to achieve double double lock safety management
- * Professional standard warning labels
- * Electrostatic spraying of epoxy resin
- * Equipped with double vents for fire protection
- * 50MM leak-proof liquid tank, so that the liquid that accidentally flows out does not overflow

Specifications

Model	External Dimension H*W*D(mm)	Internal Dimension H*W*D(mm)	Volume (L)	Volume (gallon)	Shelf	Weight	Configure	Package Dimension W*D*H(mm)
SSC-4Y	560x430x430	460x350x330	15	4	1	35	Single door/ Ground wire	530*530*740
SSC-4R								
SSC-4B								
SSC-12Y	890x590x460	790x510x360	45	12	1	50	Single door/ Ground wire	700*550*1070
SSC-12R								
SSC-12B								
SSC-22Y	1650x600x460	1550x520x360	83	22	2	85	Single door/ Ground wire	/
SSC-22R								
SSC-22B								
SSC-30Y	1120X1090x460	1020x1010x360	114	30	1	90	Double door/ Ground wire	1180*550*1320
SSC-30R								
SSC-30B								
SSC-45Y	1650x1090x460	1550x1010x360	170	45	2	118	Double door/ Ground wire	1210*570*1840
SSC-45R								
SSC-45B								
SSC-60Y	1650x860x860	1550x780x760	227	60	2	140	Double door/ Ground wire	/
SSC-60R								
SSC-60B								
SSC-90Y	1650x1090x860	1550x1010x760	340	90	2	160	Double door/ Ground wire	/
SSC-90R								
SSC-90B								

Yellow safety cabinet is used to store various kinds of flammable products with flashing point under 45 ℃, for example, gasoline alcohol, kerosene methyl alcohol, ethyl alcohol, etc.



Red safety cabinet is used to store various kinds of combustibile products with flashing point above 45 ℃, for example, diesel, engine oil, lubrication oil, etc.



Blue safety cabinet is used to store various kinds of weak alkali, for example, acetic acid, carbonic acid, phosphoric acid, silicic acid, etc.



Gas Cylinder Storage Cabinet

GCSC-1 GCSC-2 GCSC-3

Features

Cabinet body: high-quality cold-rolled steel plate, pickled and phosphated, and the surface is electrostatically sprayed with epoxy resin to achieve the effect of anti-acid and alkali and anti-rust.

Door panel: It adopts detachable hinges, with windows on the front, and the windows are explosion-proof glass.

PASS hole: A PASS hole is provided on the side of the cabinet to ensure the gas flow in the cabinet.

Fixed chain: a fixed chain is used inside to prevent the gas cylinder from tipping over.

Pedal: An adjustable pedal is provided at the bottom of the cabinet to facilitate the loading and unloading of gas cylinders.

Handle: Uses embedded high-strength handle.

Product technical requirements

All-steel craftsmanship, soft lines, good load-bearing capacity, flexible combination, easy for maintenance, easy to install and transport, beautiful and generous appearance design; shape error value: length, width, height ≤ 3mm; cabinet diagonal or frame diagonal ≤1000mm, the allowable error value of the adjacent side verticality is ≤3mm, and the allowable error value of the adjacent side verticality is ≤4mm.

Remarks: combustible gas

Coal gas CO, liquefied petroleum gas, acetylene C2H2, propyne C3H4, butyne C4H6, methane CH4, ethane C2H6, propane C3H8, butane C4H10, cyclopropane C3H6, ethylene C2H4, propylene C3H6, butene C4H8, butadiene C4H6 , Vinyl chloride C2H3CL, chloropropylene C3H5CL, hydrogen H2, hydrogen sulfide H2S, phosphine PH3, methylamine CH3NH2, ethylamine CH3CH2NH2, aniline C6H5NH2, dimethylamine (OH3) 2HN, formaldehyde HCHO, acetaldehyde C2H4O, carbon monoxide CO, Toluene C6H5CH3.

Remarks: Toxic and harmful gas

Sulfur dioxide SO2, sulfur trioxide is SO3, nitric oxide NO, nitrogen dioxide NO2, nitrous oxide N2O3, nitrous oxide N2O4, nitrous oxide N2O5, nitrous oxide N2O, ozone, fluorine to hydrogen, chlorine , Hydrogen chloride, organic halides, hydrocarbons, benzene, formaldehyde, volatile phenol, mercury vapor, sarin, radon gas, phosgene.

Gas cabinet

The gas cabinet is the main product for storing gas cylinders in laboratory furniture. The purpose is to keep the gas cylinders in the laboratory safely and properly.



Specifications

Model	GCSC-1	GCSC-2	GCSC-3
Size (H*W*D)	1900*600*450 (mm)	1900*900*450 (mm)	1900*1000*450 (mm)
Color	Yellow	Yellow	Yellow
Material	High quality cold rolled steel	High quality cold rolled steel	High quality cold rolled steel
Appearance	Epoxy paint	Epoxy paint	Epoxy paint
Volume	1 gas cylinder storable	2 gas cylinder storable	3 gas cylinder storable