



# FRONT™

FRONT IS THE KEY TO SAFETY





## Company Profile:

WUXI FRONT SAFETY TECHNOLOGY CO., LTD, a professional company specialized in chemical storage cabinets, PP corrosives storage cabinets, Spill containments and other storage solutions. We have always maintained good relationships with many international companies, research institutes and universities around the world and enjoy a good reputation in the domestic and international markets.

FRONT IS THE KEY TO SAFETY. Our products are produced under quality management system ISO9001 and comply with relevant quality standards. With the advantages of professionalism, technology and innovation, we provide our clients with perfect, quality services and competitive products, thus reducing costs and improving market competitiveness for consumers. We will give full play to our brand and resource advantages, strive to provide quality products and services to our clients with the principles of integrity, win-win and long-term cooperation.

## Factory Overview:



## ■ CHEMICAL STORAGE CABINETS SERIES

1. Chemical storage cabinets	1
2. Intelligent safety	2
3. Narcotic cabinets	3
4. Drum storage cabinets	4
5. Gas cylinder storage cabinet	5
6. GAS cylinder storage cage	6
7. PPE cabinet	7
8. PP acid & corrosive storage cabinets	8
9. PP medicines cabinet / Reagent cabinet	9
10. PP fume hood	10

## ■ SPILL CONTAINMENT & CONTROL SERIES

11. PE Spill Containment Pallets	11
12. PE IBC SPILL PALLET	12
13. PE Ramp for Spill Pallet	13
14. Countertop Spill Containment Tray	13
15. Portable Eyewash	14
16. Emergency Eyewash Shower	15
17. Spill kits	16
18. IBC tank (Intermediate Bulk Container)	17

## Chemical storage cabinets

### Features:

1. Constructed of sturdy 18-gauge (1mm) CRS steel, with 1-1/2" (38-mm) of insulating air space for fire resistance
2. Galvanized steel shelves direct spills to back and bottom of a leak-proof 51mm sump.
3. Durable lead-free epoxy/polyester powder-coat finish provides excellent chemical resistance capacity.
4. 3-point stainless steel bullet latching system makes it work safely.
5. Comply with OSHA 29 CFR 1910.106 and NFPA CODE 30.



Chemical storage cabinets

### Specifications:

Model	FSC04	FSC12	FSC22	FSC30	FSC45	FSC60	FSC90	FSC110
Capacity (Gal/Ltr)	4/15	12/45	22/83	30/114	45/170	60/227	90/340	110/410
Shelves	1	1	2	1	2	2	2	2
Doors	1	1	1	2	2	2	2	2
Weight (Kg)	35	55	80	100	135	165	190	270
Dimensions (HxWxD mm)	560x430x430	890x590x460	1650x590x460	1120x1090x460	1650x1090x460	1650x860x860	1650x1090x860	1650x1500x860

## Intelligent safety

Professional storage solutions for various items which need strictly temperature control and highly security protection.

Features:

- 1.The cabinet is made of high quality CRS with long working life and good fire resistance capacity.
- 2.Double locking system (Digital lock+Key lock)to enhance the management security.
- 3.The cabinet inner is with white PPboard and an adjustable air in letat the side bottom.
- 4.Stepped PP shelves with vent holes.
- 5.Ventilation systems on top ofthe cabinet.
- 6.With good corrosive resistan cecapacity.

The intelligent safety cabinets are designed to effectively store and manage massive medicines and specimens.

The caster models areeasy to move and much convenient in storing and taking chemicals in work sites to improve the work efficiency.

Widely used in schools,chemical industry,laboratory,scientific research institutions and other places



Intelligent safety

### Specifications:

Model	FSC45E	FSC60E	FSC90E
Capacity (Gal/Ltr)	45/170	60/227	90/340
Shelves	3	3	3
Doors	2	2	2
Weight (Kg)	200	240	300
Dimensions (HxWxD mm)	1820x1090x460	1820x860x860	1820x1090x860

## Narcotic cabinets

### Features:

1. The cabinets are made of high quality CRS plates, durable lead free epoxy powder-coat finish provides excellent chemical resistance capacity.
2. Double locking system (Digital lock+ Key lock) to enhance the management security.
3. Comply with OSHA, NFPA standards.
4. Dual Ventilation holes with flame arrestors.



Narcotic cabinets

### Specifications:

Model	FSC12G	FSC22G	FSC30G	FSC45G	FSC60G	FSC90G
Capacity (Gal/Ltr)	12/45	22/83	30/114	45/170	60/227	90/340
Shelves	1	2	1	2	2	2
Doors	1	1	2	2	2	2
Weight (Kg)	55	80	100	135	165	190
Dimensions (HxWxD mm)	890x590 x460	1650x590 x460	1120x1090 x460	1650x1090 x460	1650x860x 860	1650x1090 x860

## Drum storage cabinets

### Features:

1. Constructed of sturdy 1mm CRS steel, with 38mm of insulating air space for fire resistance
2. 3-point stainless steel bullet latching system makes it work safely.
3. Comply with OSAH 29 CFR 1910.106 and NFPA CODE 30.
4. Widely used in the storage, transfer and dispensing of 200L oil drums.



Drum storage cabinets

### Specifications:

Model	FSC60D	FSC110D-1	FSC110D-2
Capacity (Gal/Ltr))	60/227	110/410	110/410
Shelves	1	1	3
Doors	2	2	2
Weight (Kg)	180	300	300
Dimensions (HxWxD mm))	1650x860x860	1650x1090x860	1650x1090x860
Roller	1	2	2

## Gas cylinder storage cabinet

### Features:

1. Body: Apply high quality cold rolled steel plates, treated with acid pickling and phosphating passivation, surface is coated by electrostatic spraying of epoxy powder to resist the acid, alkali and rusty.
2. Door: removable linkage, with perspective window in the door.
3. Pass hole: Pass hole on the both side of body, to ensure the fresh air flow inside.
4. Fixed belt: With fixed belt to keep the gas cylinder stable.
5. Fold down ramp: Adjustable fold down ramp on the bottom, easy to load or unload the gas cylinder bottle in and out.
6. Handle: flush-mounted high-strength handle.
7. Alarm: Alarm device can identify: combustible gas (such as methane, acetylene, gas, hydrogen, etc.), using special combustible gas detectors, air diffusion sampling, when the cut-off point to a concentration of chipset, will automatically alert.
8. Automatic exhaust system: Once the sensor detects the gas leakage and alerts, the exhaust fan on the top of cabinet will automatically works, and pump the gas outside the cabinet through the pipe, to ensure the safety of workers in work area.
9. Special purpose alarm device is available according to the storage requirement, more safety and reliability.



Gas cylinder storage cabinet

### Specifications:

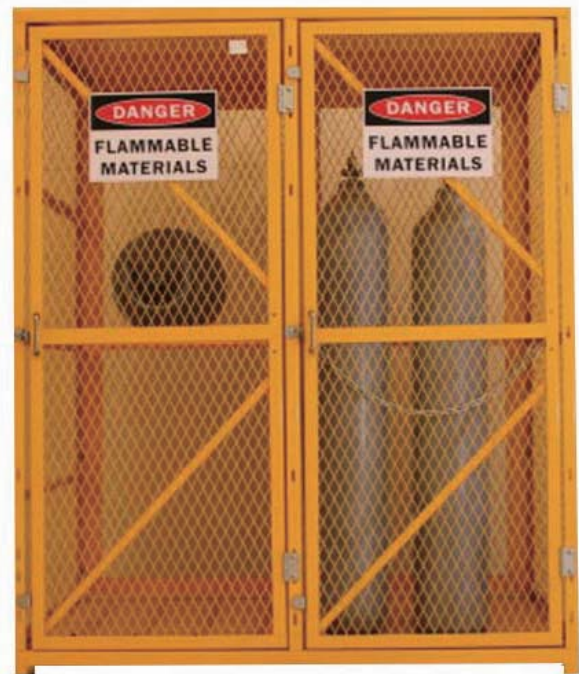
Model	FSGC01	FSGC02	FSGC03	FSGC04
Gas cylinder QTY	1	2	3	4
Doors	1	2	2	2
Weight (Kg)	90	145	160	180
Dimensions (HxWxD mm)	1900x600x450	1900x900x450	1900x1200x450	1900x1500x450



## GAS CYLINDER STORAGE CAGE

### Features:

1. The side of the cabinet, the back and the door made by the metal mesh, keep the internal ventilation and objects visibility.
2. The vertical cylinder is equipped with a length adjustable chain that keeps the cylinders in suitable place.
3. There are flammable warning signs on the door, heavy hinges prevent the door sagging, have hanging lock buckle (without padlock), the magnet makes the door closed when unlocked.
4. Compliant with OSHA and NFPA standards
5. Durable safe yellow epoxy electrostatic spray, finished product shipments
6. Widely used in factories, laboratories and warehouses and other places of liquefied gas cylinders and compressed cylinders



GAS CYLINDER STORAGE CAGE

### Specifications:

Model	FSCAGE00	FSCAGE01	FSCAGE02	FSCAGE03	FSCAGE04	FSCAGE05
Capacity (Bottle)	4	8	16	18	8+9	9
Weight (Kg)	65	90	176	130	165	75
Dimensions (HxWxD mm)	889x788x762	1650x788x762	1650x1524x762	1650x1524x762	1650x1524x762	1650x788x762

## PPE cabinet

Features:

1. Constructed of sturdy CRS steel, durable lead free epoxy powder-coat finish provides excellent chemical resistance capacity.
2. for small-scale PPE and emergency equipments storage based on work needs
3. Single-layer steel structure
4. Equipped with visual windows



PPE cabinet

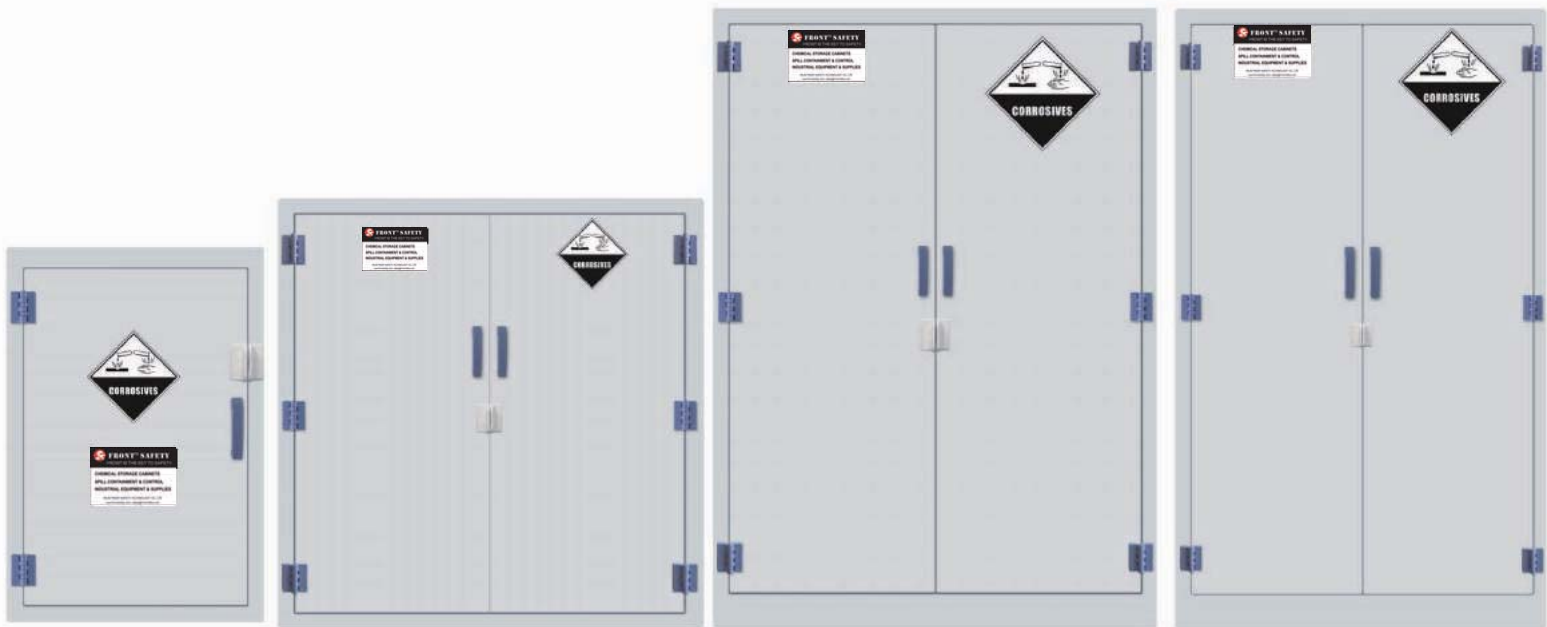
### Specifications:

Model	FSPPE01	FSPPE02	FSPPE03	FSPPE04
Shelves	1	1	2	3
Cloth Rod	0	1	1	1
Doors	1	2	2	2
Weight (Kg)	40	75	100	120
Dimensions (HxWxD mm)	930x560x410	1330x960x510	1780x1160x520	2300x1160x560

## PP acid & corrosive storage cabinets

### Features:

1. High quality PP boards (polypropylene) are used to form the cabinet by seamless welding engineering.
2. Equipped with leakage-proof adjustable shelves
3. To improve operational safety, padlock could be used to provide extra protection.
4. Used to store strong corrosive chemicals, such as sulfuric acid, nitric acid, acetic acid etc. to protect cabinet operator and people around



PP acid & corrosive storage cabinets

### Specifications:

Model	FSP04	FSP12	FSP15	FSP22	FSP26	FSP30	FSP45	FSP60	FSP90
Capacity	4/15	12/45	15/56	22/83	26/100	30/114	45/170	60/227	90/340
Shelves	1	1	1	2	1	1	2	2	2
Doors	1	1	1	1	2	2	2	2	2
Weight (Kg)	11	25	30	40	46	52	75	82	90
Dimensions (HxWxD mm)	560x430 x430	890x590 x460	1120x590 x460	1650x590 x460	900x910 x600	1120x1090 x460	1650x1090 x460	1650x860 x860	1650x1090 x860

## PP medicines cabinet / Reagent cabinet

### Features:

1. High quality PP boards (polypropylene) are used to form the cabinet by seamless welding engineering.
2. Equipped with leakage-proof adjustable shelves
3. To improve operational safety, padlock could be used to provide extra protection.
4. Used to store strong corrosive chemicals, such as sulfuric acid, nitric acid, acetic acid etc. to protect cabinet operator and people around.



PP medicines cabinet / Reagent cabinet

### Specifications:

Model	FSP1801	FSP1802	FSP1803	FSP1804	FSP1805
Shelves	3	3	3	3	3
Doors	2	2	4	4	4
Glass windows	0	2	0	2	4
Weight (Kg)	85	85	85	85	85
Dimensions (HxWxD mm)	1800x900x450	1800x900x450	1800x900x450	1800x900x450	1800x900x450

# PP fume hood

PP fume hoods have the characteristics of strong acid and alkali resistance and anti-corrosion, it is widely applied in chemical, medical, vehicle, steel factory, university and scientific research institution, etc.



PP fume hood

## Specifications:

Model	FSFH1200P	FSFH1500P	FSFH1800P
Dimensions (HxWxD mm)	2350x1200x800	2350x1500x800	2350x1800x800
Table top	PP(Polypropylene) plate or physicochemical board, epoxy board, ceramic board.		
Sash	transparent tempered glass, thickness is 5MM		
Lighting device	Fluorescent lamp		
Electric power socket	AC220V/10A or customized		
Optional accessories	Sink, air plunger, water plunger, ventilation fan, socket, anti-explosion lighting, Air valve control		

## PE Spill Containment Pallets

Keep the storage environment of oily and chemical drums clean, to effectively prevent and control possible liquid splashes, spills or pollution of spilled liquids.

Complies with the regulations of EPA 40 CFR 264.175 of the U.S. Environmental Protection Agency (EPA) and the regulations of Spill Prevention and Control Act (SPCC) as well as U.S. NPDES.



PE Spill Containment Pallets

### Features

1. High-density polyethylene (HDPE) material, anti-UV, anti-rust, anti-corrosion, suitable for most chemicals
2. Anti-skid gratings, it will not rupture at full load, and the gratings are removable, easy for rapid treatment of liquid spill.
3. Help to keep ground dry, avoid slipping, falling accidents and the environment clean, ensure orderly storage and leakage prevention of oil drums and chemical barrels.
4. Using the injection molding process, ensure to have strong durability and firm structure. Thicker side border and central heavy duty structure can firmly carry fully-loaded oil drums, chemical barrels and other storage containers and equipment.
5. Prevent and control small spill and drips. Lower profile make chemical barrels closer to the ground and facilitate the loading, accessing and subdividing operations. A hexagonal drain hole helps to drain the liquid and avoid wasting. Most liquids are recyclable.

### Specifications:

Model	FSPE0115	FSPE0215	FSPE0230	FSPE0415	FPSE0430
Capacity 200L drum	1	2	2	4	4
Weight (Kg)	8	17	22	32	36
Spill capacity Gal/L	10/40	21/80	31/120	40/150	64/240
Load capacity Kg/m2	693	1361	1361	2772	2772
Dimensions (HxWxD mm)	150X670X670	150X1300X670	300X1300X670	150X1300X1300	300X1300X1300

## PE IBC SPILL PALLET

### Features:

1. Made of stronger modified plasticsvirgin PE material.
2. Integral supporting upstands without grid and drain.
- 3.Suitable for storage most 1000 litres IBC footprint or 1200 x 1100mm pallet of drums or containers.
- 4.Dual ends forklift pockets are compatible with most forklifts and pallet trucks.
5. Easy to move when not loaded (this is the safest mode of transport).
6. Nestable design to minimal the space for storage and shipment
7. Highly visible and resistant to wide range of industrial liquids.8. Rugged construction takes industry leading load capacities.
8. Individual units are nestable for efficient storage and transport.

### Meets Regulation:

EPA 40CFR 264.175, SPCC 40CFR112.7, NPDES 40 CFR 122.20



PE IBC SPILL PALLET

### Specifications:

Model	FSPE01IBC	FSPE02IBC
Capacity 1000L IBC tank	1	1
Spill capacity Gal/L	290/1100	66/250
Load capacity Kg/m2	1500	2500
Weight (Kg)	65	27
Dimensions (LxWxH mm)	1650x1550x715	1400x1170x240

## PE Ramp for Spill Pallet

### Features:

1. Polyethylene Material UV Resistant, Corrosion Resistant to Most Chemicals;
2. Slope Edge of the Fence to Prevent Skidding;
3. Ramp Surface Rib Design Improves Strength and Greatly Enhance the Safety Performance;



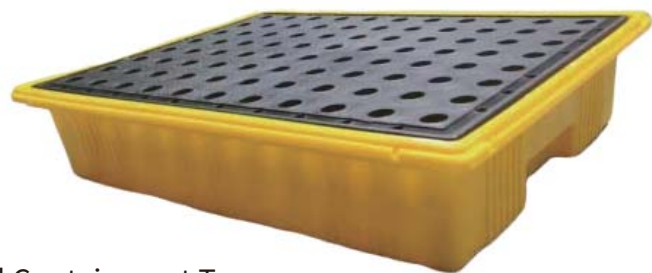
PE Ramp for Spill Pallet

Model	FSPERAMP15	FSPERAMP30
Load capacity Kg/m2	300	300
Weight (Kg)	16	22
Dimensions (HxWxD mm)	150x1200x800	300x1200x800

## Countertop Spill Containment Tray

### Features:

1. Chemical-resistant polyethylene tray features built-in sump containment to trap leaks and drips while you work
2. Translucent sidewalls let you easily inspect fluid level in sump
3. Compact size fits on tabletop or counter; ideal for use in labs
4. Pour spout for easy draining



Countertop Spill Containment Tray

### Specifications:

Model	FSPE01IB	FSPE02IBC
Color	White/Black	Yellow/Black
Spill capacity(L)	5.6	11
Load capacity Kg	41	100
Weight (Kg)	1.7	2.5
Dimensions (LxWxH mm)	430x305x100	495x360x105



## Portable Eyewash

### Main Performance

The product can be used in petroleum, chemical, laboratory, medical and other fields to quickly rinse chemical liquids splash in eyes and face to minimize injury.

### Features:

- Made of polyethylene, it has the advantages of high strength, good toughness, rigidity, heat and cold resistance.
- Ergonomically designed to generate water pressure using gravity and deliver water to two eye wash nozzles
- The drain hole at the bottom facilitates regular replacement of the flushing fluid
- Suitable for workplaces without water supply and discharge facilities and can be fixed to the wall according to requirements, or can be used with the cart
- It is recommended to discharge the liquid in eye wash station every two or four weeks and clean the components of eye wash station

2 models available: FSEW08P 30L (8 gallons) and FSEW16P 60L (16 gallons)



FSEW08P



FSEW16P

### Portable Eyewash

### Operation Instructions

1. Pull down the yellow handle of the eye wash to perform emergency flushing quickly. The flow rate is 0.4 gpm (1.5 L/min), comply with the ANSI Z358.1 continuous flushing requirement of 15 minutes.
2. Eye wash station should be installed in an accessible location to ensure that injured personnel could arrive within 10 seconds.
3. Direct the injured person to the nearest eye wash station immediately after accident.
4. Open eyes widely and wash thoroughly for 15 minutes minimum.
5. Need to see a doctor immediately after the washing.

## Emergency Eyewash Shower

The Emergency Eyewash Shower is Widely widely used in medicine, chemical, petrochemical, elect ronics semiconduct or Industryetc.. It is also suitable for emergency and safety devices in work areas and laboratories.Also emergency and safety devices for working region and laboratory.

Features:

- It can be used for flushing of the body, eyes and face at the same time. It can protect the personnel safety of the whole area. Install the floor draining facilities in the site to drain the flushing water promptly.
- Starting device: triangular pull ring, pusher or pedal
- Water pressure: no less than 210kPa (30psi, 2bar, 2.1Kgf/cm)
- Water flow: higher than the standard of 75.7LPM (20GPM)
- Comply with ANSI Z358.1-2014 requirements



Emergency Eyewash Shower

### Specifications:

Model	FSEW01S	FSEW02S	FSEW03S	FSEW04S	FSEW05S
Height	2175	2200	900	245	670
Shower nozzle flow within 15 minutes (Ltr/Min)	75.7	75.7	/	/	75.7
Eyewash nozzle flow within 15 minutes(Ltr/Min)	11.4	/	11.4	11.4	/
Pressure (Bar)	6	4	4	4	4

## Spill kits

### Specifications

#### High Quality Emergency Chemical Spill Kit

1. high absorbency
2. 100% polypropylene
3. eco-friendly
4. available in 30L 50L 80L 120L 240L 660L 1100L capacity.

### Product Description

SPILL KITS offers an effective and immediate response to a broad variety of spills, from common fluids and oil to chemicals even hazardous liquids that can be detrimentally damaging to the environment.

Having spill kit on site is highly beneficial in the event of a spill and they allow the user to efficiently and successfully clean up spills.

The spill kits contain a variety of items depending on the spill kits. It is an essential product for use around working, factories, ships, workshops and warehouses.

Our absorbents are available in 3 different applications:

White Oil-only absorbent

Yellow Haz-chem absorbents

Gray Universal absorbents



Spill kits

## IBC tank (Intermediate Bulk Container)



IBC tank (Intermediate Bulk Container)

The IBC tank is the best choice of liquid packaging materials. Safe and environmental friendly, easy to mechanical loading and unloading, saving storage and transportation space and convenient filling and discharge, IBC has now become a new generation of liquid packaging products after the steel drums and plastic barrels. IBC tanks is widely used in chemical, pharmaceutical, oil and food industries, and is suitable for the transportation of dangerous liquids of II, III class and non dangerous liquids.

### Features:

1. Frame and pallet are made of steel tubes and adopt heat treatment as well as hot dip galvanized. So the whole frames have the advantages of light weight, good flexibility, large capacity and standing the impact of external forces of the accident. Pallets are made of steel material with acid, alkali and corrosion resistance. Besides, pallets have a rational structure that can be loaded and unloaded by forklift and withstand accidental drops and heavy container stacks.
2. IBC tank is equipped with valves resistant to acid, alkali, corrosion. As the material of valve is same with container, the compatibility is good. Besides, it is convenient, reliable and environmental friendly to use the valve to discharge and clean it.
3. To ensure the safety, the container lid is equipped with air vent to avoid overpressure caused by resolution of cargo.

### Specifications:

Item	Specification	
	IBC-1000	IBC-500
Model	IBC-1000	IBC-500
Rated Volume(L)	1000	500
Brimful Volume(L)	≥1050	550
Overall Dimension(mm)	1200x1000x1150	600x1000x1150
Top cap Mouth diameter)	150	150
Weight for Inner Tank(kg)	15.5	15
Weight for IBC Tank(kg)	58	43
Valve outside diameter(mm)	50	50
Wall Thickness(min)	≥1.5mm	≥1.5mm
Outlet Valve(discharge valve)	DN50 ball valve& butterfly valve	DN50 ball valve& butterfly valve
Height for Pallet(mm)	120	120
Height for forklift holes(mm)	90	90
Length for forklift holes(mm)	795	795



**FRONT IS THE KEY TO SAFETY**

## **WUXI FRONT SAFETY TECHNOLOGY CO.,LTD**

---

**Website : [www.frontsafety.com](http://www.frontsafety.com)**

**TEL:+86-18626391298**

**Email:[sales@frontsafety.com](mailto:sales@frontsafety.com)**

**ADD:No.99 East Xihu Road,Liangxi Dist,Wuxi City,Jiangsu Province,China**