Dangerous Goods Storage Cabinets

When only the best will do for the internal storage of your chemicals
Features of New Range

- Recessed Door Handle with Key Lock
- Sequential Self Closing Doors
- Self Latching Door
- Heavy Duty Packaging
Pratt Safety Systems has been manufacturing and distributing our cabinets throughout Australia and the Pacific region for over 30 years. Pratt Safety was the first company to introduce these cabinets into Australia and has continued under its current family ownership in maintaining its high standards of products and service.

All of our cabinets are designed and manufactured to comply with all of the relevant Australian Standards. Refer to the respective Standards for further specifications and conditions of use.

Features and Benefits

New Features

- **Heavy Duty Packaging**
  The unique fully enclosed heavy duty honeycomb core cardboard packaging is mounted on a custom made wooden pallet, providing greater protection of cabinets during storage and transport.

- **Powder Coated Paint Finish**
  Internal and external powder coated finish for improved chemical resistance.

- **Recessed Handle**
  New recessed handle with key lock to eliminate potential damage from heavy knocks.

- **Keyed Alike**
  2 Keys supplied with each cabinet. (Cabinets with locking handles only)

- **Self Latching Door**
  Spring loaded 3 point self latching door mechanism for fault free latching action.

- **Slide Control Arm**
  All single door cabinets now include a slide control arm to prevent the door from being over extended.

General Structure

- **50mm Vent Bungs**
  Fitted into side walls for venting of cabinets where required. Also includes a proven flash arrester in each vent with sealed enclosure in cavity between walls. Each vent is supplied with resealable metal caps.

- **Double Steel Walls**
  Constructed using 1.2mm thick, double steel walls with 40mm air gap between walls to provide thermal insulation.

- **150mm Deep Liquid Tight Sump**
  For containment of leakage or spillage.

- **Static Earthing Connection**
  Now also including earthing wire with each cabinet to help reduce the potential buildup of static electricity, a known source of ignition.

- **Classification Labels**
  All appropriate class labels, capacity labels, identification and instruction labels are applied to each cabinet.

Shelves

- **Heavy Duty Perforated Steel**
  1.6mm thick perforated galvanised steel shelves provide added strength and free air movement within the Cabinet (All shelves are pre-fitted to cabinets and additional shelves are available if required).

- **Fully Adjustable Shelves**
  90mm shelving increments for large cabinets and 45mm for medium and small cabinets.

Doors

- **Self Closing Doors**
  All two door cabinets incorporate Pratt’s unique and improved sequential self-closing door action, providing hands free closing and ensures doors close in the correct sequence.

- **Hydraulic Door Closures**
  With speed control adjustment for a gentle closing action.

- **Continuous Piano Hinge**
  Continuous piano hinge for reliability of action.

- **Rounded Corners**
  All doors have rounded corners for added safety.
This range of cabinets is for the storage of flammable or combustible liquids as classified by the United Nations criteria and the ADG Code for Dangerous Goods.

These include flammable liquids such as Paints, Solvents, Petrol, Thinners, Kerosene, Turpentine, White Spirits, Alcohol and Ethanol.

Also combustible liquids such as Diesel, Linseed Oil and Pine Oil.
**Flammable Liquid Storage Cabinets**

**Note:**
1. For all two door cabinets, the internal height is taken from top of sump sill/bottom shelf to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill/bottom shelf to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>5516AS</td>
<td>30L</td>
<td>1</td>
<td>1</td>
<td>5517-29</td>
<td>770</td>
<td>515</td>
</tr>
<tr>
<td>5517AS</td>
<td>60L</td>
<td>1</td>
<td>2</td>
<td>5517-29</td>
<td>1065</td>
<td>515</td>
</tr>
<tr>
<td>5535AS</td>
<td>100L</td>
<td>2</td>
<td>1</td>
<td>5535-29</td>
<td>770</td>
<td>935</td>
</tr>
<tr>
<td>5545AS</td>
<td>160L</td>
<td>2</td>
<td>2</td>
<td>5545-29</td>
<td>1295</td>
<td>1115</td>
</tr>
<tr>
<td>5560AS</td>
<td>250L</td>
<td>2</td>
<td>3</td>
<td>5560-29</td>
<td>1825</td>
<td>1115</td>
</tr>
<tr>
<td>5560ASE</td>
<td>350L</td>
<td>1</td>
<td>3</td>
<td>5560E29</td>
<td>1825</td>
<td>865</td>
</tr>
<tr>
<td>5555VS</td>
<td>205L</td>
<td>1</td>
<td>Roller Set</td>
<td>-</td>
<td>1825</td>
<td>865</td>
</tr>
<tr>
<td>5590AS</td>
<td>425L</td>
<td>2</td>
<td>3</td>
<td>5590-29</td>
<td>1825</td>
<td>1115</td>
</tr>
</tbody>
</table>

**NEW 350L capacity**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5555VS</td>
<td>205L</td>
<td>1</td>
<td>Roller Set</td>
<td>-</td>
<td>1825</td>
<td>865</td>
</tr>
<tr>
<td>5590AS</td>
<td>425L</td>
<td>2</td>
<td>3</td>
<td>5590-29</td>
<td>1825</td>
<td>1115</td>
</tr>
</tbody>
</table>
This range of cabinets is for the storage of corrosive substances in liquid or solid form as classified by the United Nations criteria and the ADG Code for Dangerous Goods. These include chemicals such as Acids, Alkalis, Caustics, Sodium Hydroxide Solution and Hypochlorite Solution.

Pratt Indoor Corrosive Substance Storage Cabinets comply with AS 3780 “The Storage and Handling of Corrosive Substances”.

Special Features:

- Cabinet doors are fitted with an all stainless steel piano hinge for added protection.
- Internal door opening latch (as required by the Standards).
- Each shelf is supplied with plastic spill trays to contain small spills and leakage.
- Additional powder coating of the shelving and closing assembly for added protection.

Please Note: These cabinets are designed for the safe storage of corrosives in sealed and closed containers. Good housekeeping practices are essential to ensure long service life.

* AS 3780 specifies a maximum of 50kg or L for Packaging Group I Corrosive Substances and 250kg or L for Packaging Group II.

1. For all two door cabinets, the internal height taken from top of sump sill to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.
Corrosive Storage Cabinets - Polyethylene

Pratt Indoor Polyethylene Corrosive Substance Storage Cabinets also comply with AS 3780.

They are manufactured from polyethylene plastic material which provides superior resistance for the storage of corrosive chemicals. These include chemicals such as Sulphuric Acid, Hydrochloric Acid, Nitric Acid and other substances highly aggressive to metal.

### Special Features:
- Constructed with 19mm thick polyethylene plastic sheet material including frame, door/s and shelves.
- Acid resistant liquid tight seal in all panel joints.
- Self-closing door/s with internal door opening latch.
- 150mm deep liquid tight sump.
- Self-latching handle with key lock.
- Venting kit supplied with all models (may be fitted at installation if required).
- Some models feature separate compartments, permitting the storage of both acids and alkalis.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Inc. Base Level</td>
<td></td>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>5512PSPH</td>
<td>20kg or L*</td>
<td>1</td>
<td>1</td>
<td>5512P-29</td>
<td>600</td>
<td>460</td>
</tr>
<tr>
<td>5516PSPH</td>
<td>40kg or L*</td>
<td>1</td>
<td>1</td>
<td>5516P-29</td>
<td>770</td>
<td>600</td>
</tr>
<tr>
<td>5535PSPH</td>
<td>100kg or L*</td>
<td>2</td>
<td>1</td>
<td>5535P-29</td>
<td>770</td>
<td>880</td>
</tr>
<tr>
<td>5540PSPH</td>
<td>110kg or L*</td>
<td>2</td>
<td>2</td>
<td>5540P-29</td>
<td>770</td>
<td>1000</td>
</tr>
<tr>
<td>5530PSPH</td>
<td>160kg or L*</td>
<td>2</td>
<td>4</td>
<td>5530P-29</td>
<td>1150</td>
<td>1000</td>
</tr>
<tr>
<td>5545PSPH</td>
<td>250kg or L*</td>
<td>2</td>
<td>6</td>
<td>5545P-29</td>
<td>1550</td>
<td>1000</td>
</tr>
</tbody>
</table>

*AS 3780 specifies a maximum of 50kg or L for Packaging Group I Corrosive Substances and 250kg or L for Packaging Group II.

**Note:** 1. For all models, the internal height is taken from the top of the sump to the ceiling.
Pratt Indoor Toxic Substance Storage Cabinets comply with the Australian & New Zealand Standard AS/NZS 4452 “The Storage and Handling of Toxic Substances”.

This range of cabinets is for the storage of toxic substances in liquid or solid form as classified by the United Nations criteria and the ADG Code for Dangerous Goods.

These include chemicals such as Alkaloids, Arsenic, Aniline, Cyanides, Mercury, Phenol – Solid and Trichloroethylene.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>5516AST</td>
<td>30L</td>
<td>1</td>
<td>1</td>
<td>5517-29</td>
<td>770</td>
<td>515</td>
</tr>
<tr>
<td>5517AST</td>
<td>60L</td>
<td>1</td>
<td>2</td>
<td>5517-29</td>
<td>1065</td>
<td>515</td>
</tr>
<tr>
<td>5535AST</td>
<td>100L</td>
<td>2</td>
<td>1</td>
<td>5535-29</td>
<td>770</td>
<td>935</td>
</tr>
<tr>
<td>5530AST</td>
<td>160L</td>
<td>2</td>
<td>2</td>
<td>5545-29</td>
<td>1295</td>
<td>1115</td>
</tr>
<tr>
<td>5545AST</td>
<td>250L</td>
<td>2</td>
<td>3</td>
<td>5545-29</td>
<td>1825</td>
<td>1115</td>
</tr>
<tr>
<td>5560AST</td>
<td>250L</td>
<td>2</td>
<td>3</td>
<td>5560-29</td>
<td>1825</td>
<td>1440</td>
</tr>
</tbody>
</table>

* AS/NZS 4452 specifies a maximum of 25kg or L for Packaging Group I and 50kg or L for Packaging Group II Toxic Substances.

**Note:**
1. For all two door cabinets, the internal height taken from top of sump sill to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.
Oxidizing Agent Storage Cabinets

Pratt Indoor Oxidizing Agent Storage Cabinets comply with the Australian Standard AS 4326 “The Storage and Handling of Oxidizing Agents”.

This range of cabinets is for the storage of Oxidizing Agents in liquid or solid form as classified by the United Nations criteria and the ADG Code for Dangerous Goods.

These include chemicals such as Hypochlorite-inorganic, Hydrogen Peroxide, Perchlorites-inorganic and Potassium Nitrate.

Special Features:
- Cabinets are fitted with a non latching door/s.
- Includes recessed handle without key lock facility.
- Includes magnetic catch that will release in the event of a build-up of pressure within the cabinet (as required by this Standard).

* AS 4326 specifies a maximum of 50kg or L for Packaging Group I Oxidizing Agents.

** Notes:**
1. For all two door cabinets, the internal height taken from top of sump sill to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.
Organic Peroxide Storage Cabinets

Pratt Indoor Organic Peroxide Storage Cabinets comply with the Australian Standard AS 2714 “The Storage and Handling of Organic Peroxides”.

This range of cabinets is for the storage of organic peroxides in liquid or solid form as classified by the United Nations criteria and the ADG Code for Dangerous Goods.

These include chemicals such as Acetyl Acetone Peroxide, Methyl Ethyl Ketone Peroxides and Dibenzoyl Peroxide.

Special Features:
- Cabinets are fitted with a non latching door/s.
- Includes recessed handle without key lock facility.
- Includes magnetic catch that will release in the event of a build-up of pressure within the cabinet (as required by this Standard).

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>5516APO</td>
<td>30kg or L*</td>
<td>1</td>
<td>1</td>
<td>5517-29</td>
<td>770</td>
<td>515</td>
</tr>
<tr>
<td>5517APO</td>
<td>60kg or L*</td>
<td>1</td>
<td>2</td>
<td>5517-29</td>
<td>1065</td>
<td>515</td>
</tr>
<tr>
<td>5535APO</td>
<td>100kg or L*</td>
<td>2</td>
<td>1</td>
<td>5535-29</td>
<td>770</td>
<td>935</td>
</tr>
<tr>
<td>5530APO</td>
<td>100kg or L*</td>
<td>2</td>
<td>2</td>
<td>5545-29</td>
<td>1295</td>
<td>1115</td>
</tr>
<tr>
<td>5545APO</td>
<td>100kg or L*</td>
<td>2</td>
<td>3</td>
<td>5545-29</td>
<td>1825</td>
<td>1115</td>
</tr>
</tbody>
</table>

* AS 2714 specifies a maximum of 50kg or L for Type B Organic Peroxides.

Note: 1. For all two door cabinets, the internal height taken from top of sump sill to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.
This range of cabinets is for the storage of Class 4 chemicals in liquid or solid form as classified by the United Nations criteria and the ADG Code for Dangerous Goods. Please refer to the Standard. These include the following divisions:

- Flammable Solids
- Spontaneously Combustible
- Dangerous When Wet

Special Features:

- Cabinets are fitted with a non-latching door/s.
- Includes recessed handle without key lock facility.
- Includes magnetic catch that will release in the event of a build-up of pressure within the cabinet (as required by this Standard).

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Doors</th>
<th>Shelves</th>
<th>Extra Shelf</th>
<th>External (mm)</th>
<th>Internal (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inc. Base Level</td>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>5516AC4</td>
<td>30kg or L*</td>
<td>1</td>
<td>1</td>
<td>5517-29</td>
<td>770</td>
<td>515</td>
</tr>
<tr>
<td>5517AC4</td>
<td>60kg or L*</td>
<td>1</td>
<td>2</td>
<td>5517-29</td>
<td>1065</td>
<td>515</td>
</tr>
<tr>
<td>5535AC4</td>
<td>100kg or L*</td>
<td>2</td>
<td>1</td>
<td>5535-29</td>
<td>770</td>
<td>935</td>
</tr>
<tr>
<td>5530AC4</td>
<td>160kg or L*</td>
<td>2</td>
<td>2</td>
<td>5545-29</td>
<td>1295</td>
<td>1115</td>
</tr>
<tr>
<td>5545AC4</td>
<td>250kg or L*</td>
<td>2</td>
<td>3</td>
<td>5545-29</td>
<td>1825</td>
<td>1115</td>
</tr>
</tbody>
</table>

* AS/NZS 5026 specifies a maximum of 25kg or L for Category A, 50kg or L of Category B or 100kg or L of Category C, Class 4 Chemicals. Other capacity limitations do apply. Refer to the Standard for further details.

**Note:**
1. For all two door cabinets, the internal height taken from top of sump sill to the sequential chassis assembly.
2. For all single door cabinets, the internal height is taken from the top of the sump sill to the ceiling.
3. For total external width measurement, add 6mm per vent bung for tight clearance locations.
Other Pratt Products/Services:

- Emergency Showers & Eye Wash Stations
- Spill Containment
- Stormwater Management
- Gas Cylinder Storage Cages
- Safety Signs
- Facility Protection
- Site Safety

For more information call 1300 133 226.