

# How to Vent A Safety Cabinet

Most safety cabinets should have two venting ports built into the side of them. One high and the other lower on the opposite side. In some cases these bungs can be opened to reduce vapour build up inside the cabinet.

**Why should I vent my cabinet?** If you open your cabinet and can smell strong vapours or if the cabinet has highly flammable liquids stored within it, you should vent your cabinet.

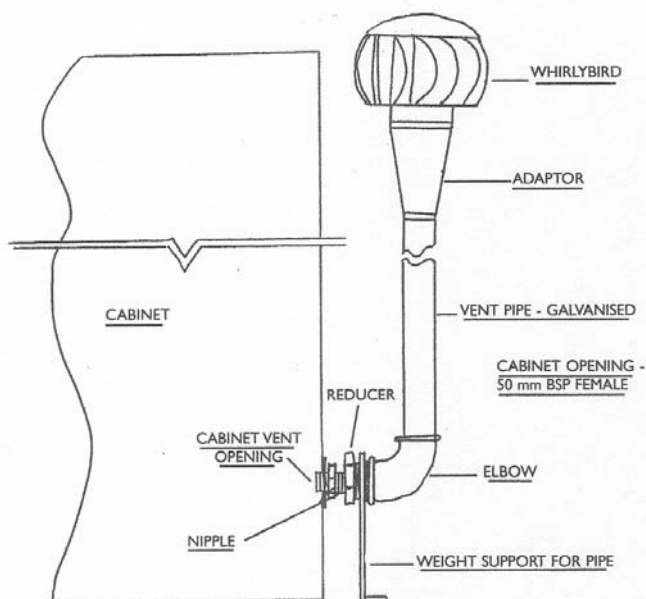
There are two ways this can be done;

1. A cabinet could be vented to an open space that has good ventilation e.g. a large workshop. You should check with your supplier that your cabinet has spark arrestors in the venting ports. This is to prevent sparks or flames accessing the cabinet once the bungs are removed.

To vent a cabinet to the environment, simply unscrew both the bungs with a drum spanner or similar tool.

2. If the cabinet is located in a confined space you may wish to vent to the outside atmosphere. One way this can be achieved is explained in the diagram and instructions below.
  - A. Screw nipple & reducer into vent opening at base of cabinet
  - B. Slide weight support onto reducer ensuring weight is transferred to floor, rather than cabinet
  - C. Screw elbow onto reducer.
  - D. Place vent pipe through roof & ceiling penetration & screw into elbow.
  - E. Cut off vent pipe at 1.0 m minimum height above roof.
  - F. Rivet adaptor to vent pipe.
  - G. Rivet whirlybird to adaptor.
  - H. Seal roof penetration.

## VENT KIT ASSEMBLY DETAILS



For further information the relevant Australian Standards are:  
 AS1940-1993 Storage & Handling of Flammable Liquids  
 AS3780-1994 Storage & Handling of Corrosive Liquids  
 AS/NZS 4452 Storage & Handling of Toxic Substances

