

How to vent a safety cabinet

Most safety cabinets should have two venting ports built into the side of them.

One is located high up and the other is located lower down 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:

- A cabinet could be vented to an open space that has good ventilation e.g. a large workshop. Check with your supplier that your cabinet has spark arrestors fitted in the venting ports. Spark arrestors prevent sparks or flames accessing the cabinet once the bungs are removed. To vent a cabinet to the environment, simply unscrew both bungs with a drum spanner or similar tool.
- If the cabinet is located in a confined space you may wish to vent to the outside atmosphere. The diagram and instructions below outline one method of how this can be achieved.

1. Screw nipple and reducer into vent opening at base of cabinet
2. Slide weight support onto reducer, ensuring weight is transferred to floor, rather than cabinet
3. Screw elbow onto reducer.
4. Place vent pipe through roof and ceiling penetration and screw into elbow.
5. Cut off vent pipe at 1.0m minimum height above roof.
6. Rivet adaptor to vent pipe.
7. Rivet whirlybird to adaptor.
8. Seal roof penetration.



VENT KIT ASSEMBLY DETAILS

