

A negative pressurised isolator box with an air inlet gap at bench top level across the full front of the transparent viewing window of the cabinet. The gap allows the operator to work inside the isolator and also provides, for safety, a continuous airflow inward preventing the escape of gasses or other materials from within the isolator.

These airflows are generally very dry and easily generate large static charges both within the general isolator environment and also on the inside face of the viewing window.

By placing a Super 80 Bar either inside or outside above or below the aperture across the full width it insures that the incoming flow of air is ionised thus eliminating static charges.

If the height of the aperture exceeds 200mm then the use of a second bar facing the initial Ionising bar should guarantee effectiveness up to a maximum aperture height of 400mm.

