

RAINBOW 36A AIR FILTRATION SYSTEM



The Rainbow 36A is a cost effective and reliable system designed to protect against all kinds of Chemical, Biological and Nuclear Contamination when installed in a Protected tent. This system is capable of giving an adequate supply of filtered air for 6 to 8 people.

The Rainbow 36A Protection System draws air in from outside the tent through a special filter that purifies the air and feeds it in to the protected tent. The blower unit pulls air in faster than air leaves the tent creating an over pressure environment, thus effectively preventing the penetration of outside gases. This also relieves the occupants from wearing gas masks and protective clothing, enabling a safe and comfortable stay.

The specially designed Chemical, Biological and Nuclear particulate resistant tent is manufactured with 3 layers of Poly Ethylene and Poly Amide laminates. Its resistance to gases exceeds military standards.

The Rainbow36A System is based upon over 20 years of Israeli developed technology and is built to the world's highest standards. The patented 3-stage filtration system features a pre-filter, a HEPA filter and an activated carbon filter with Molybdenum with all exceeding The Israeli, Swiss and NATO Standards. Over 1000 of these units are presently being sold every week in Israel and the Israeli and NATO Armed Forces are presently using it.

The Rainbow tent is portable and is easily stored. It also can be set up and functioning in less than 5 minutes by one able person.

The system operates from a standard AC power source (wall outlet) with an integrated battery back up in case of a power failure. The battery will run the system for up to 10 hours, recharging as soon as the system is reconnected to live AC power source. The second back up is a Manual Blower that can be used alternatively or in cases of a discharged battery.

The system is approved by the Standards Institute of Israel, the Israeli Civil Defense Command, OSHA and the electrical system has been tested and approved to the UL Standards by TUV in the USA.