

HIDDEN NBC FILTRATION SYSTEM

ABSTRACT

5 A method and system for improving the aesthetic appearance of NBC filtration systems fitted in blast protected safe rooms, by providing one or more of the following: 1) A safe room window frame or a venting sleeve with an integrated, externally invisible, air inlet passage connecting between the exterior space and the safe room space. 2) A NBC filtration unit sucking air from the exterior space, through the air inlet passage. 3) A cabinet, embedded in the concrete wall for securing the Filtration unit. 4) A door frame with an integrated, air outlet passage made in the top or side profiles of the door frame and an exhaust duct fitted to the door frame air outlet passage, for discharging Oxygen lean air out of the safe room.

Figure 10