

## HV Fire Wall Filter respirator - Data Sheet

**Model:** HV FW Filter Respirator Mono

### Applications

- HV FW Filter Respirator comprising of 3M Half Facepiece, HV Fire Wall Filter cartridge, and HV PSU Cartridge powered by rechargeable Lithium battery, effectively protects the wearer against all types of viruses including Coronavirus and all of its variants.
- Virus destruction capability - 99.99%



### Physical Specifications

- Overall weight: 280 gm
- 3M Half Facepiece commercial
  - Face seal - Thermoplastic elastomer
  - Head strap – Polyester
- HV Fire Wall Filter Cartridge
  - Propriety design - patent protected pending approval
  - Body – Biodegradable plastic PLA (polylactide)
  - Filter element frames - Biodégradable plastic
  - Filter elements – copper/steel wire mesh apertures 0.5 micron
  - All viruses including coronavirus present in the contaminated air while passing through the interelectrode space gets electrocuted and incapacitated, and near 100% virus free air is available for being inhaled.
- HV PSU Cartridge
  - Body – Biodegradable plastic PLA (polylactide)
  - Lithium battery rechargeable
    - Volts - 4.7 V,
    - Capacity – 6000 mAH
    - USB charging - 5V standard USB port
    - Charging time – 4 hours
    - Operation time once fully charged – 5 hours  
(If the operational time is more, then needs to be plugged to the USB charger)



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