

POWERED AIR-PURIFYING RESPIRATOR (PAPR)

Powered Air Purifying Respirators (PAPRs)

Powered Air-Purifying Respirators (PAPRs) are battery-powered devices that deliver clean, filtered air into a loose hood. The filters are high-efficiency and protect from gases, vapors, and particles such as bacteria and viruses. They offer a higher level of protection than most disposable respirators, such as N95s.



- ☐ PAPRs are placed over the wearer's head with a battery pack that usually connects to a waist belt
- ☐ It delivers freshly filtered air and is easy to breathe
- ☐ Newer models are designed to reduce noise from the fan
- ☐ PAPRs are designed for use between staff members
- ☐ After use, the reusable parts should be cleaned and disinfected according to manufacturer's recommendations
- ☐ Filters need to be discarded and replaced according to manufacturer's instructions
- ☐ Good option for people with facial hair or who fail fit tests for N95s

Resources

CDC Considerations for Optimizing the Supply of Powered Air-Purifying Respirators (PAPRs)
<https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/powering-air-purifying-respirators-strategy.html>

NIOSH Guide to Air-Purifying Respirators <https://www.cdc.gov/niosh/docs/2018-176/pdfs/2018-176.pdf>

