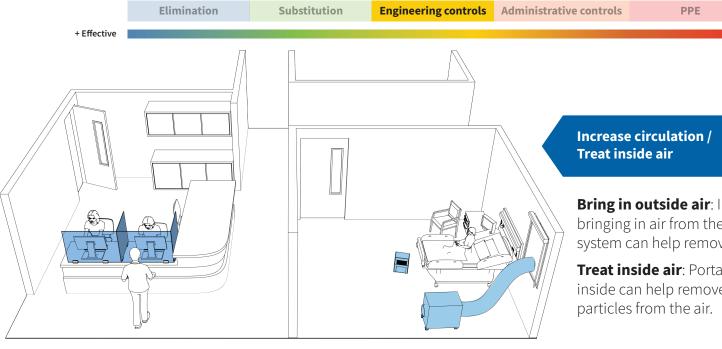


## **Engineering Controls for Long-term Care**

Engineering controls can be implemented to isolate people from a hazard and provide protection for long-term care residents and staff.



**Bring in outside air**: Increasing circulation by bringing in air from the outside using the HVAC system can help remove potentially infectious air.

**Treat inside air**: Portable filtration devices used inside can help remove potentially infectious particles from the air.

Create physical barriers between health care personnel (HCP) workstations

Temporary walls between workstations reduce the chance of asymptomatic HCP transmitting COVID-19 to other HCP.

Create physical barriers between HCP and residents

Barriers such as plexiglass (not shown here) allow communication and visual access between HCP and residents while isolating residents from potential pathogens.