

PORTABLE HEPA UNITS

7-2014 Version

INDICATIONS FOR USE

- The purpose of this portable HEPA unit is to help filter out airborne pathogens (e.g., TB) from the air to protect employees, other patients, and visitors.
- TB aerosols can be produced:
 - from patients with active pulmonary disease if they are not wearing a surgical mask
 - during certain aerosol producing surgical/invasive procedures when the tissue/organ has TB disease
- A portable HEPA unit is needed in a room any time that there is the potential that TB aerosols can be produced *and* that room that does not have negative airflow and dedicated or HEPA-filtered exhaust (i.e., is not a TB isolation room). Respiratory protection is still needed by anyone entering the room.

OPERATING INSTRUCTIONS

Follow these instructions prior to patient's arrival if patient's isolation status is known ahead of time. In all other cases, follow these instructions as soon as possible after the patient is placed on [Airborne Infectious Isolation](#):

- Keep all doors to the room closed as much as possible.
- Place the portable HEPA unit at maximum distance across the room from the door.
- Make sure that operating panel faces room and is unobstructed.
- Plug-in unit to electrical outlet.
- Open plastic control panel (some units require an Allen wrench to open).
- Turn power switch to "ON" (located on the control panel or top of unit).
- Set speed control switch to "HIGH" (takes 20 seconds to warm-up). Operate only on "HIGH" speed.
- If there is a timer, turn on for number of hours needed. Reset timer as needed for additional use.
- Do not use if orange filter light is on (see troubleshooting below).
- Continue running the portable HEPA unit the entire time the patient is on [Airborne Infectious Isolation](#) in that room.
- Run the portable HEPA unit for at least 30 minutes after the patient leaves the room if that patient is still on [Airborne Infectious Isolation](#) when they leave. During this time, respiratory protection should be worn by employees entering room. New patients should not be placed in the room.

MAINTENANCE

- Wipe down the outside of this unit with hospital-grade disinfectant after use.
- Portable HEPA units are annually certified by *Precision Air Technology*, on contract with DUHS.

TROUBLESHOOTING

- If the unit is not running properly or if the orange filter light comes on, do not use, tag as out-of-service and return the unit to Equipment Distribution.
- Additional portable HEPA units are ordered from Equipment Distribution through Maestro.
 - *(For immediate needs or emergent situations call the Equipment Distribution Hotline at 681-2072, 24/7).*