Typical Modes of Operation for HEPA-AIRE Portable Air Scrubbers

NEGATIVE PRESSURE MODE #1
Unit is located inside the contaminated area. Contaminated air is filtered by the PAS, and the filtered air is then exhausted to the outside via ducting.

NEGATIVE PRESSURE MODE #2
Unit is located outside the contaminated area. Contaminated air is drawn into the intake of the PAS through ducting, filtered, and clean air exhausted into the clean area.

POSITIVE PRESSURE MODE
Unit is located outside the containment area. Air filtered by the PAS is exhausted to the clean area via ducting.

NOTE: This mode is typically used to protect sensitive equipment or environments from the inflow of contaminated air.

RECIRCULATION MODE
Unit is located inside the containment zone. Contaminated air is filtered by the PAS, and the filtered air is returned to the space in a continuous cycle. This mode does not affect room pressurization.