



WHAT WE PROVIDE

Improved Indoor Air Quality

The HVP Molecular Adsorbent and HEPA filtration effectively reduces contaminant levels to maintain a clean indoor environment.

Reduced Energy Consumption

By utilizing AirBox HVPs to enable the new IAQP, each facility can reduce outdoor air intake by 50%-90% resulting in immense energy reduction and facility decarbonization and sustainability with less heating and cooling the air.

Ventilation Optimization

Lower capital costs with reduced tonnage on HVAC systems, minimize maintenance, and earn credits towards ASHRAE Standards 241 and 44 as well as various LEED credits.

Liability Mitigation

Ensure facilities are in compliance with the latest standards to help mitigate liability and garner positive reception from occupants.

IAQP is the future of ventilation and energy sustainability

Detention centers experience specific air quality issues, ultimately affecting the health and safety of inmates and staff. By implementing AirBox High-Volume Purifiers (HVPs) into the total ventilation design, these facilities can remove harmful contaminants and odors ensuring acceptable indoor air quality while saving energy utilizing the new ASHRAE Standard 62.1-2022 performance-based ventilation design.

Typical Energy Savings

Based on actual mechanical drawings of a 18,500ft² detention center

SAVE UP TO
\$2.13
PER SQFT.
ON ENERGY SAVINGS

SAVE
145,067
KWH/YEAR

SAVE
\$23,009
ANNUALLY
ON ENERGY BILL

SAVE
\$33,000
ON CAPITAL EQUIPMENT
FOR NEW CONSTRUCTION PROJECTS

Based on averages across common U.S. Climate Zones



www.airboxamerica.com



855-927-1386