

# COMMISSION OUTSIDE AIR MINIMUMS

Low Cost Opportunity



## OVERVIEW

Outside air is essential for indoor air quality yet expensive to condition. Air handling equipment is designed to provide the minimum amount of ventilation air when the ambient conditions are outside of an economizing range. Commissioning and ensuring the minimum outdoor air setpoints are in place will minimize energy usage while ensuring adequate ventilation is provided to the space.

## CONSIDERATIONS

- Review/release automation system overrides on outside air dampers.
- Can be managed by damper position or airflow stations for airside equipment.
- Verify ventilation minimums prior to making automation or mechanical changes.
- May require a Testing, Adjusting, and Balance (TAB) contractor to perform an airside balancing survey.

## KEY PERFORMANCE INDICATORS (KPIs)

- ▶ **2-5 point energy use intensity (EUI) reduction potential**
- ▶ **5% sitewide electric and natural gas savings**
- ▶ **1-2 year simple payback**