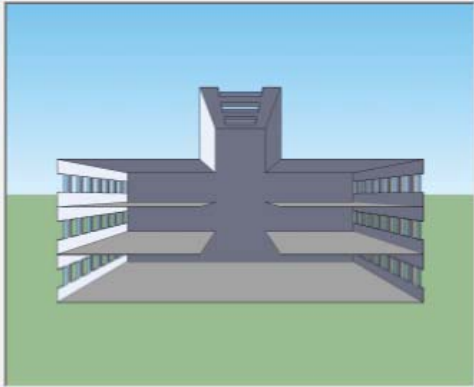
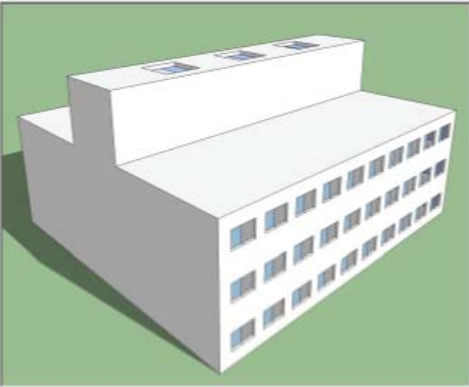


Simulation type

☒ Transient (24 hour)
☐ Steady state (snapshot)

Building type

Central atrium

Internal heat loads

Heat source level

Educational

12.7 BTU/(h·ft²)

Occupancy schedule:

From 9 hours to 24 hours

Off peak equipment load fraction

0.2

All zones but the atrium zones (if any) are assigned heat loads.

Terrain properties

Terrain type

Urban, industrial or forest area

Scenario

Scenario name

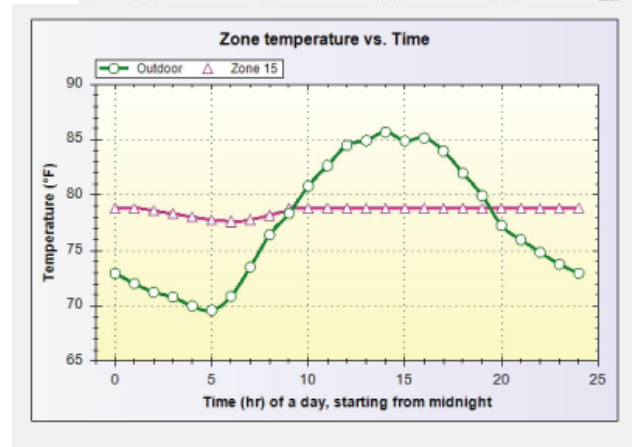
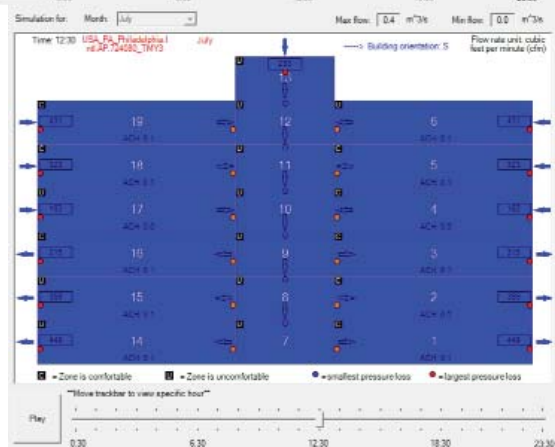
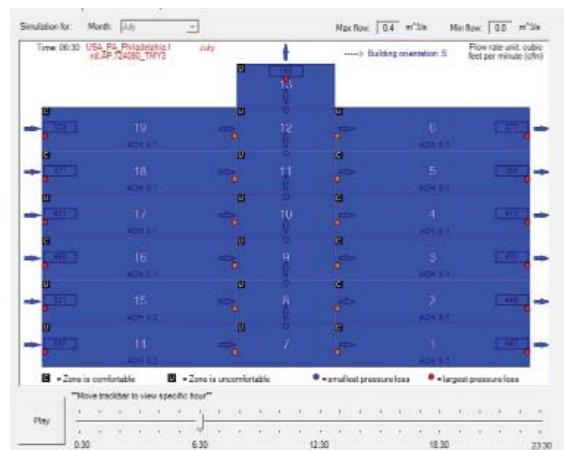
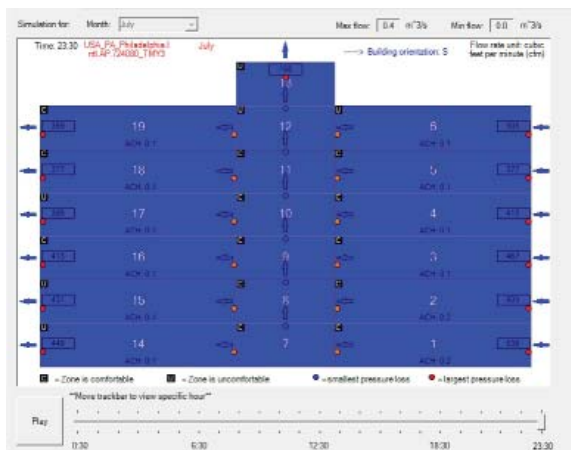
Scenario summary

Simulation type: transient
Building type: central atrium

Building footprint: 35932.0 ft²
Occupied area per floor: 33800.0 ft²
Glazing-to-wall ratio per floor: 70 %
Opening-to-wall ratio per floor: 1.4 %
Ratio of roof opening to roof area: 0.5 %

Calculate inputs / Save scenario

Visualize results

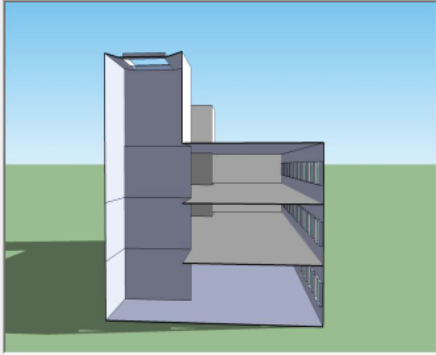
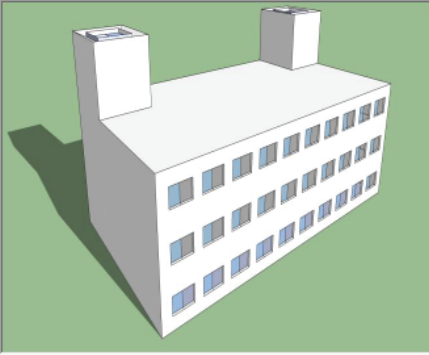


Simulation type

☒ Transient (24 hour)
☐ Steady state (snapshot)

Building type

Ventilation shaft

Internal heat loads

Heat source level

Educational

12.7 BTU/(h-ft²)

Occupancy schedule:

From 9 hours to 24 hours

Off peak equipment load fraction 0.2

All zones but the atrium zones (if any) are assigned heat loads.

Terrain properties

Terrain type

Urban, industrial or forest area

Scenario name

Scenario summary

Simulation type: transient
Building type: ventilation shaft

Building footprint: 19032.0 ft²
Occupied area per floor: 16900.0 ft²
Glazing-to-wall ratio per floor: 5.0 %
Opening-to-wall ratio per floor: 1.4 %
Ratio of roof opening to roof area: 6.7 %

Calculate inputs / Save scenario

Visualize results

Time: 09:30 USA_PA_Phi delphia.I ntl.AP.7240 TMY3 July ----> Building orientation: S Flow rate unit: cubic feet per minute (cfm)

