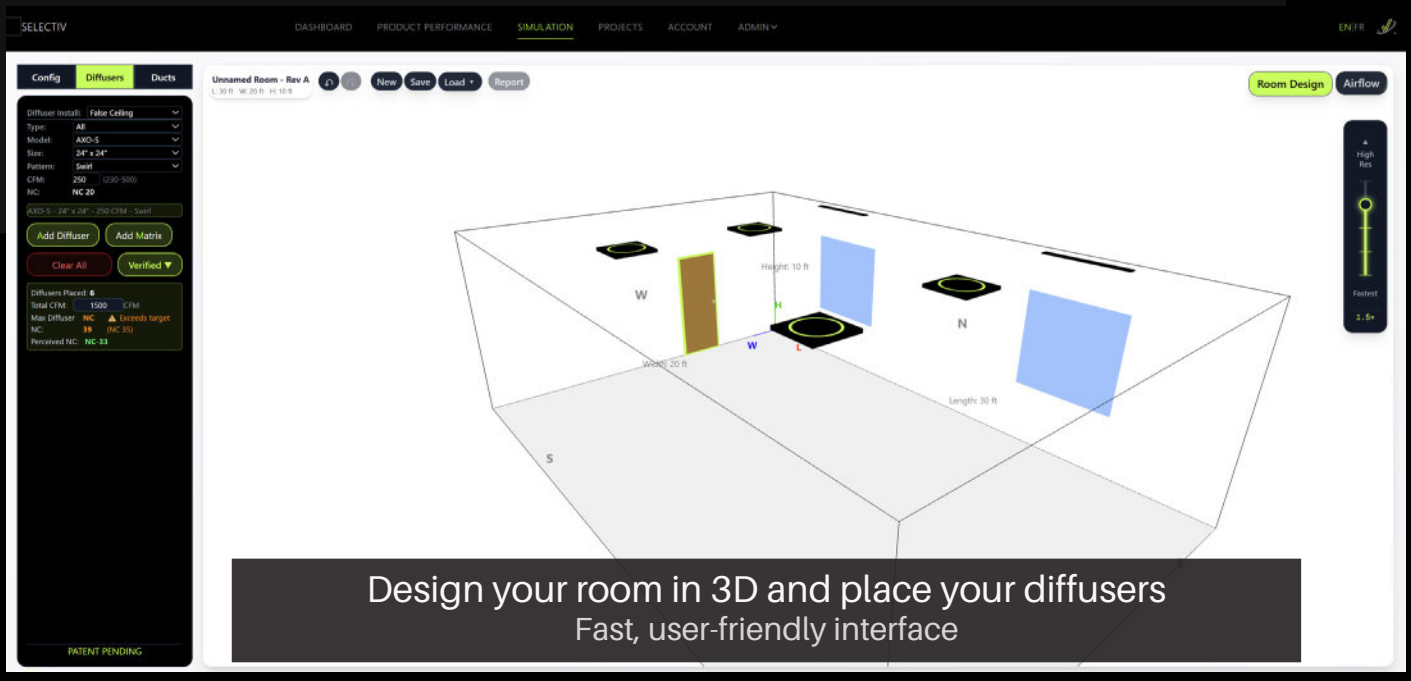
SelectiV®

Air distribution design software

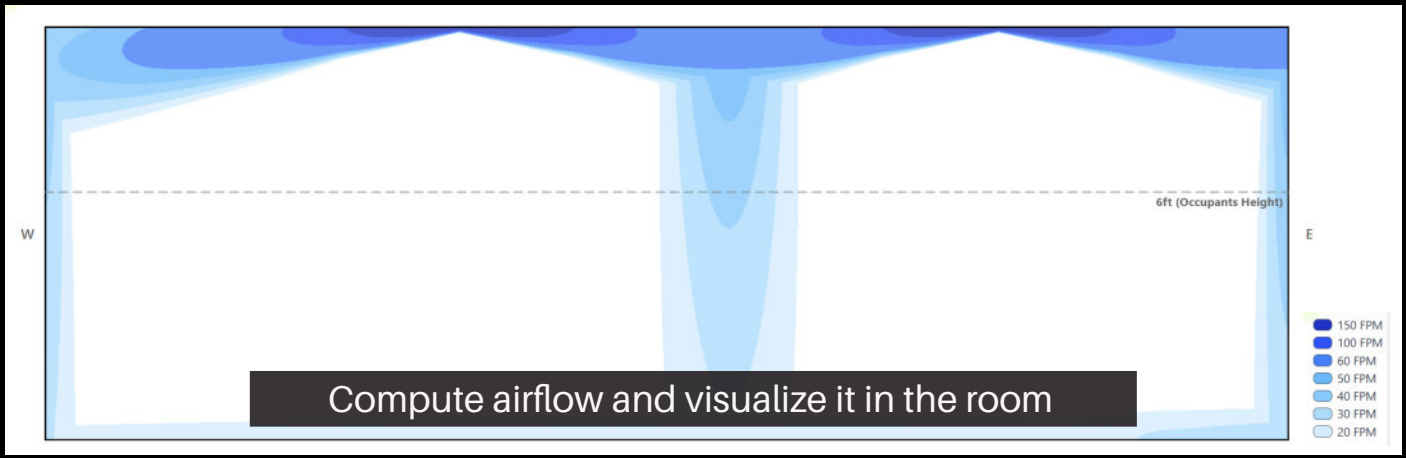
Guesswork in air mixing performance and occupant comfort is a thing of the past.
Design rooms in 3D, place diffusers, and validate airflow before installation.



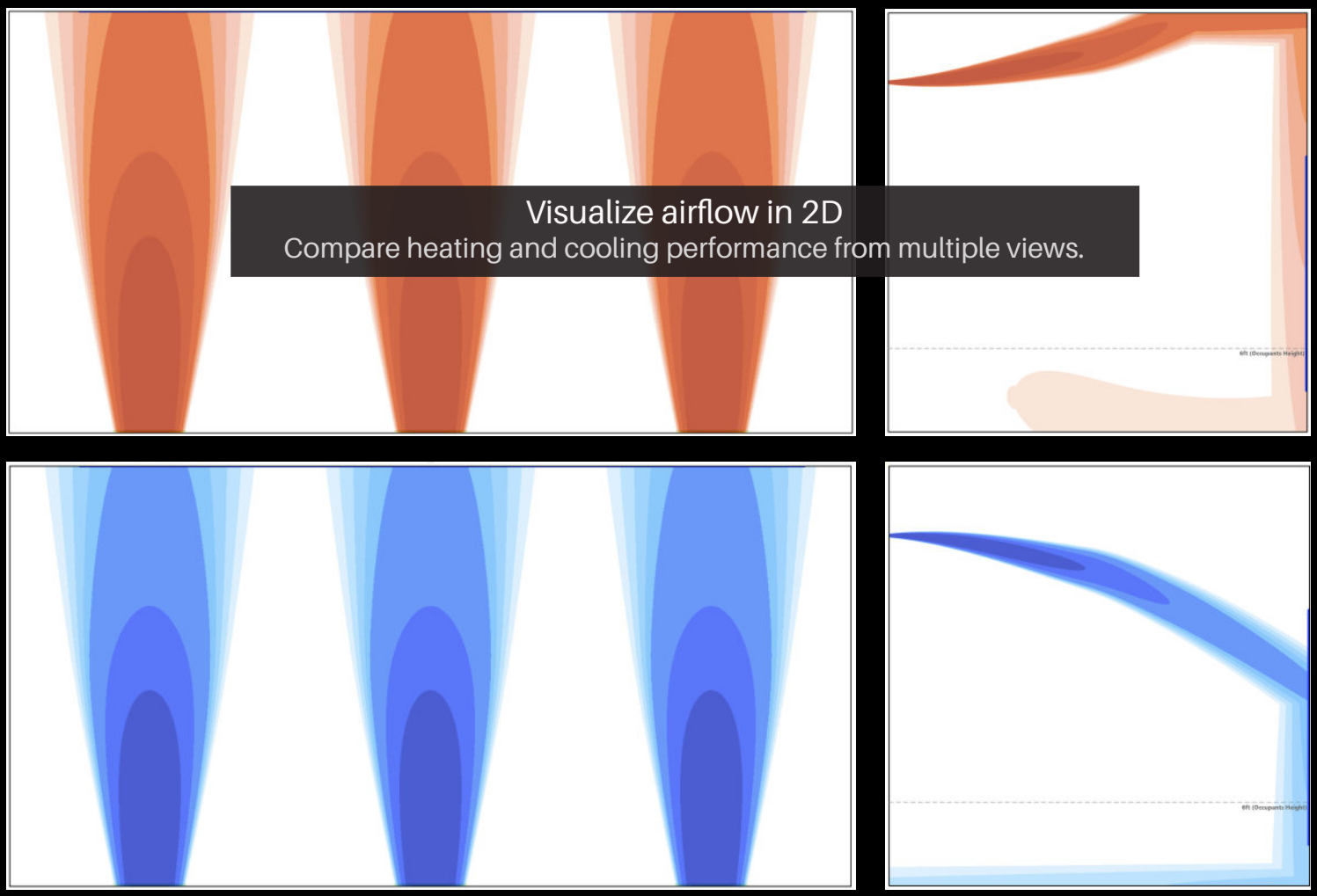
Design your room in 3D and place your diffusers
Fast, user-friendly interface

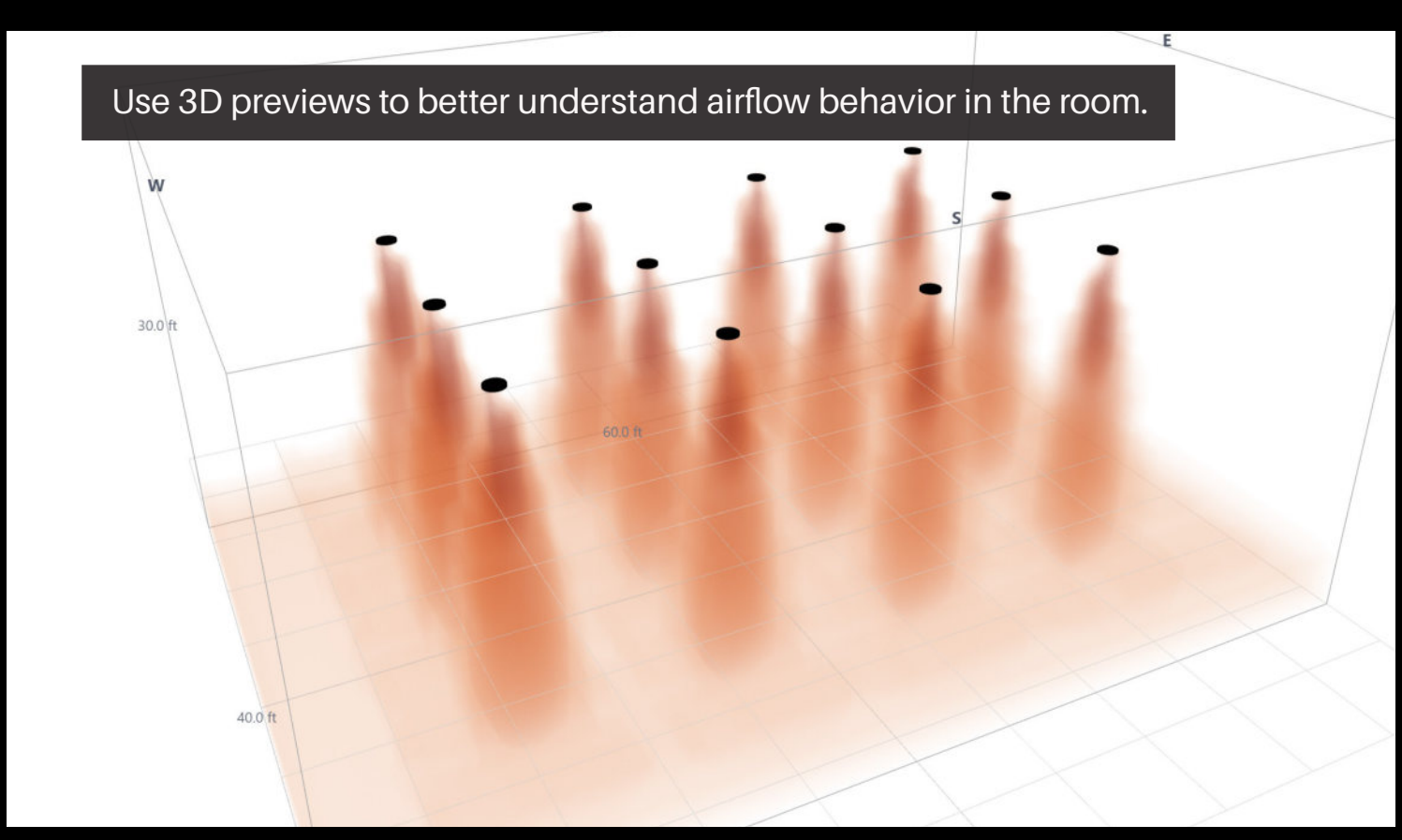
Computing Engineered Airflow

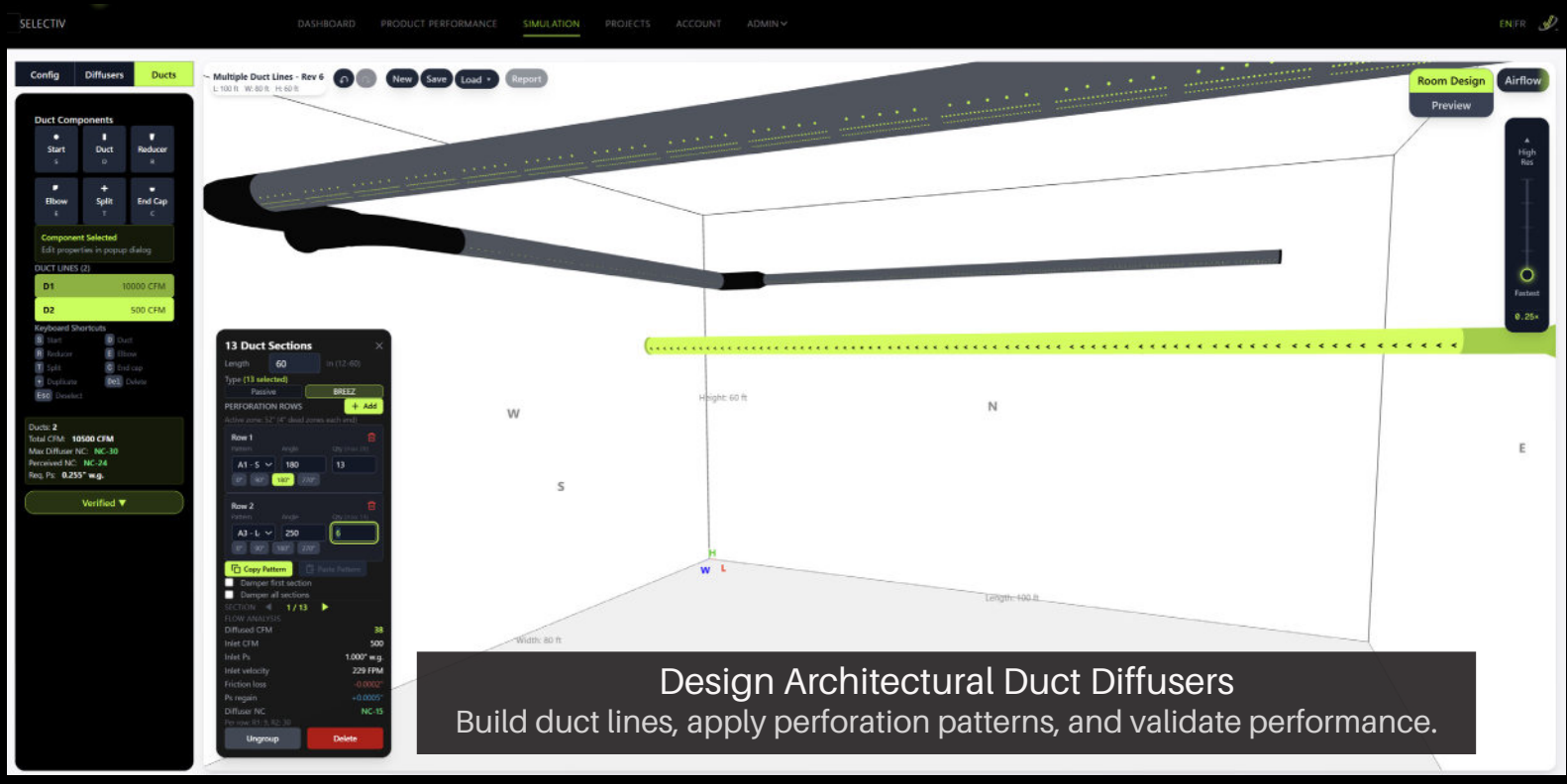
Render airflow in seconds or minutes
SelectiV fills the gap between impractical catalog data and time-consuming CFD simulations

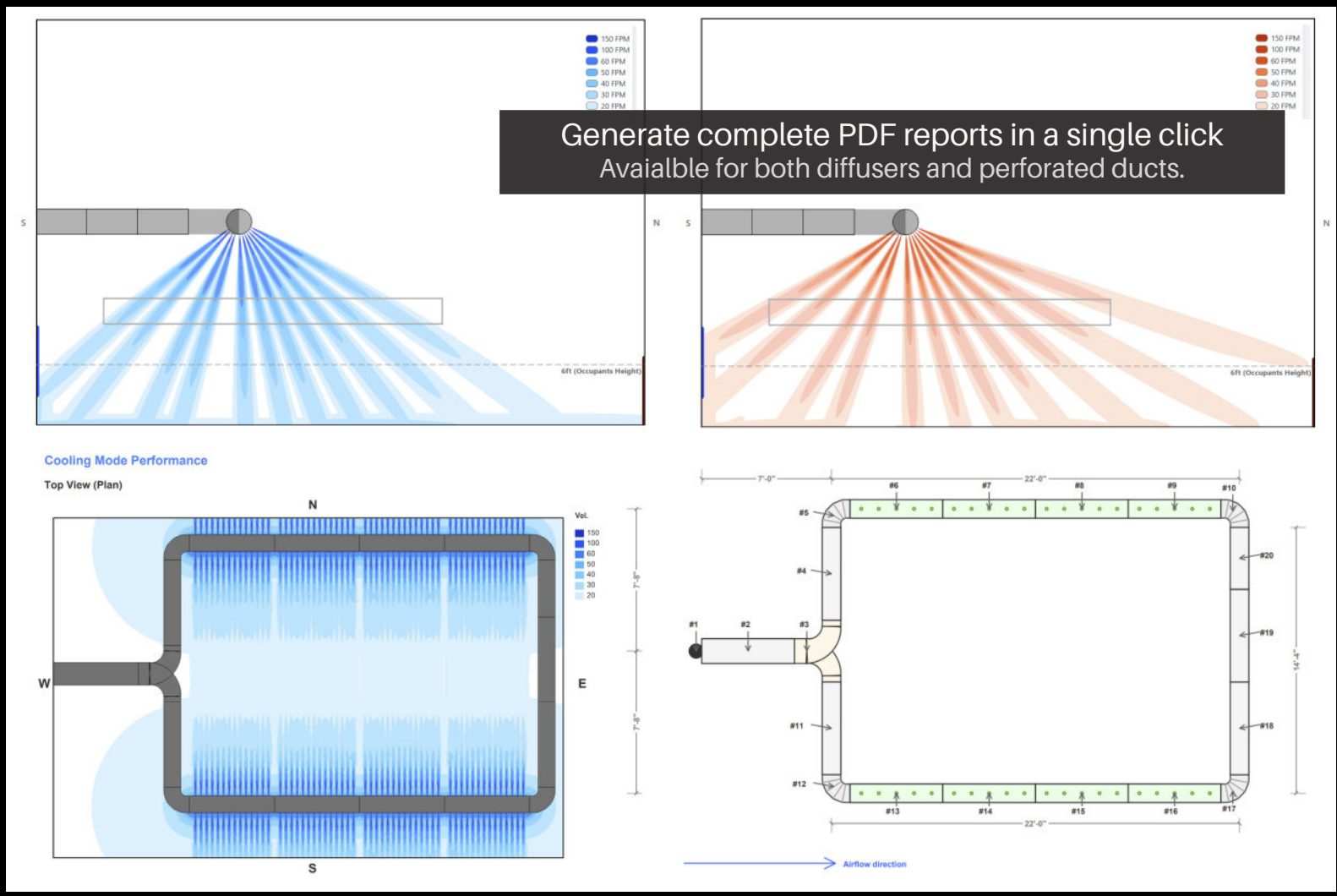


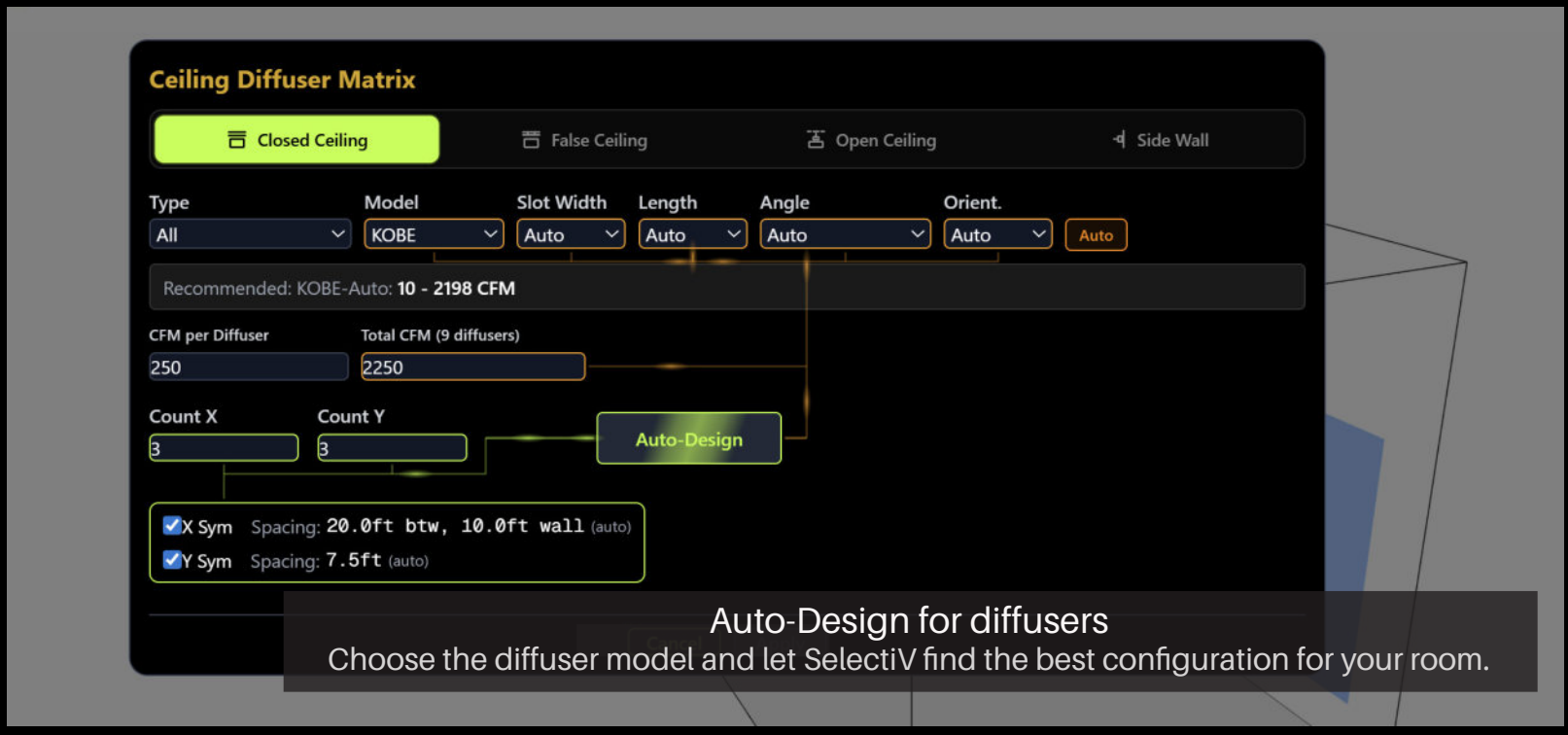
Compute airflow and visualize it in the room


Visualize airflow in 2D
Compare heating and cooling performance from multiple views.


Use 3D previews to better understand airflow behavior in the room.
E
W
S
30.0 ft
60.0 ft
40.0 ft

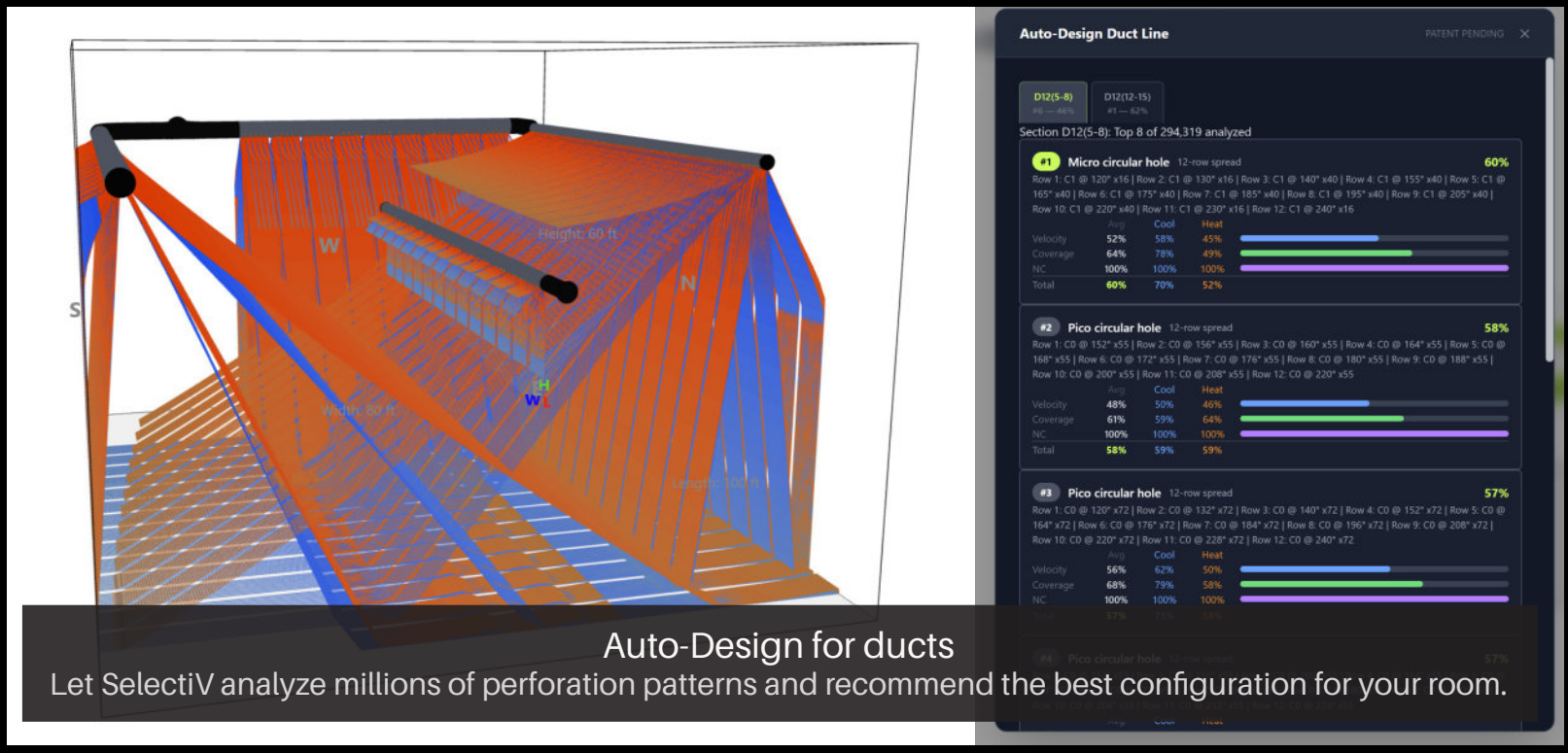

SELECTIV
DASHBOARD
PRODUCT PERFORMANCE
SIMULATION
PROJECTS
ACCOUNT
ADMIN
EN|FR
Config
Diffusers
Ducts
Duct Components
Start
Duct
Reducer
Elbow
Split
End Cap
Component Selected
DUCT LINES (2)
D1
10000 CFM
D2
500 CFM
Keyboard Shortcuts
Ducts: 2
Total CFM: 10500 CFM
Max Diffuser NC: NC-30
Perceived NC: NC-24
Req. Ps: 0.255" w.g.
Verified
Multiple Duct Lines - Rev 6
New
Save
Load
Report
Room Design
Airflow
Preview
13 Duct Sections
PERFORATION ROWS
Add
Copy Pattern
Paste Pattern
Damper first section
Damper all sections
Diffused CFM
Inlet CFM
Inlet velocity
Friction loss
Ps regain
Diffuser NC
Ungroup
Delete
W
N
S
E
Design Architectural Duct Diffusers
Build duct lines, apply perforation patterns, and validate performance.


150 FPM
100 FPM
60 FPM
50 FPM
40 FPM
30 FPM
20 FPM
6ft (Occupants Height)
Generate complete PDF reports in a single click
Avaialble for both diffusers and perforated ducts.
Cooling Mode Performance
Top View (Plan)
N
W
E
S
Vel.
7'-0"
22'-0"
#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14
#15
#16
#17
#18
#19
#20
14'-4"
Airflow direction



Auto-Design for diffusers

Choose the diffuser model and let SelectiV find the best configuration for your room.



Auto-Design for ducts

Let SelectiV analyze millions of perforation patterns and recommend the best configuration for your room.

Try SelectiV now: https://selectiv.design

EFFECTIV®