

**CASE STORY** 

## Intuit Dome *Inglewood, CA*

## **About the Project**

Opened in August 2024 for the 2024-25 NBA season, Intuit Dome is the new home of the LA Clippers. The \$1.8 billion arena complex in Inglewood was created specifically for the basketball team, and it shows. Clippers' owner Steve Ballmer guided the fan-focused vision for the arena, which includes 17,700 seats all designed to provide an intimate live experience.

CS got involved in the project in 2019, and subsequently worked with AECOM, which led the core design team, to be specified as the louver Basis of Design. Our Key Accounts team then worked to further refine the louver design, performance, and connection details.





## Challenge

As a result of being designed during the COVID-19 pandemic, one of the project goals was to achieve 100% outdoor air within the arena bowl. In addition to providing fresh air, this would reduce the arena's energy consumption and enhance thermal comfort, a win-win no matter who is on the court. We got right to work calculating how our louvers could contribute. However, by the time the project's mechanical engineer was able to share specific louver requirements for each location on the building, several of the louvers needed to be resized from our original calculations.

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## Solution

We used our proprietary Airflow Tool to calculate the expected free area and pressure drop for each louver based on the models, sizes, and the mechanical engineer's requirements for each opening.

The goal of having all fresh air all the time was achieved. Intuit Dome has been carbon-free from day one, in large part due to how the building uses outside air and wind. CS louvers can be found at several locations— most are vertical, storm-resistant model RSV-5700, located at the roof enclosure. There are also Perform Louvers glazed into the curtain wall, as well as RS-4700 and DC-6174

louvers at various places on the facade.
Aesthetically, the project is visually striking, showcasing how louvers can be incorporated into a facade in ways that minimize visual disruption and even accentuate the creative design intent.
AECOM did such a clever job of hiding the louvers that they are very difficult to see without getting up close.

Attention to detail is also evident in features like the charging ports at every seat. Or the more than 1,100 toilets in the facility—three times more than the NBA arena average. The place was designed to run efficiently and help fans have the best possible experience—in their seats, around the building, and even with the air they breathe. By all accounts, it has been a slam dunk so far.

