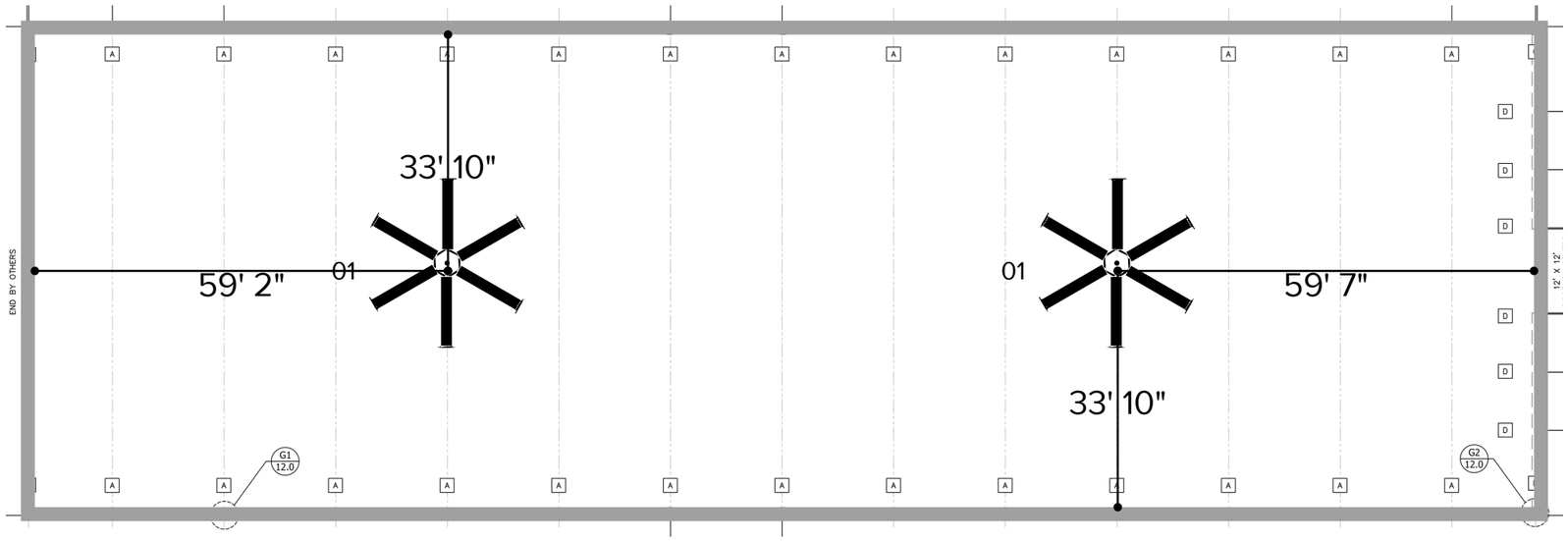
BAF SOLUTION SUMMARY
#58031.68336.98959 | Date: 02-15-2024

YOUR BIG ASS FANS SALES REP:
Jon West, (859) 629-7585, jon.west@bigassfans.com

HORSE SENSEABILITY



PRODUCT SCHEDULE

TAG	QTY	DESCRIPTION
01	2	24' Basic 6 (Unknown Voltage)

1. VERIFY EXTENSION TUBE LENGTH AND MOUNTING BRACKET WITH MANUFACTURER PRIOR TO ORDERING.
2. BOTTOM OF FANS SHALL BE AT LEAST 10' AFF. (EXCLUDING HAIKU)
3. FANS SHALL BE AT LEAST 2' AWAY, IN ALL DIRECTIONS, FROM POSSIBLE OBSTRUCTIONS.
4. FANS SHALL NOT BE MOUNTED WITHIN TWO TIMES THE FAN DIAMETER OF EXHAUST OR RETURN AIR INTAKES, AND SHALL NOT BE IN DIRECT LINE OF DISCHARGE OF HVAC EQUIPMENT.
5. EXTENSION TUBES 4' OR LONGER SHALL BE INSTALLED WITH GUY WIRES PER THE MANUFACTURER'S INSTALLATION REQUIREMENTS. (EXCLUDING HAIKU)
6. FANS SHALL BE AT THE SAME LEVEL OR HIGHER THAN RADIANT HEATERS AND OUTSIDE THE MINIMUM CLEARANCE TO COMBUSTIBLES.
7. FANS SHALL BE AT LEAST TWO AND ONE-HALF TIMES THE DIAMETER OF THE LARGEST FAN AWAY FROM NEIGHBORING FANS.

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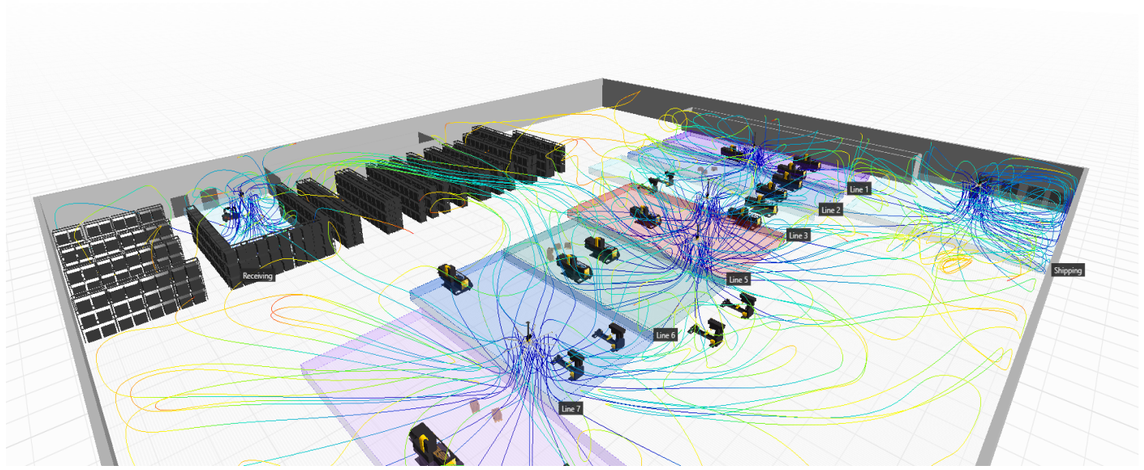
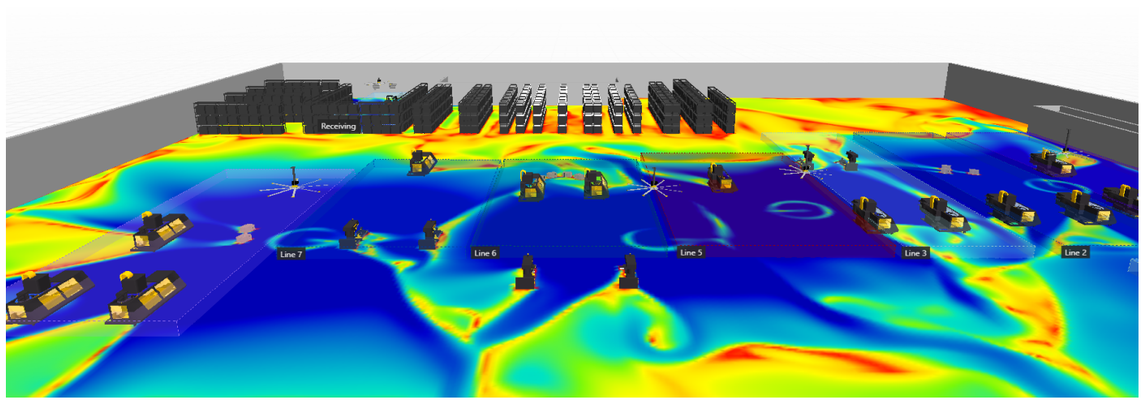
ABOUT THIS DOCUMENT

We've modeled your facility using our state-of-the-art comfort-analysis tool, SpecLab. This configurator allows us to build and analyze your space in a 3D environment, virtually add our products, and simulate the benefits they can offer you. As we design the optimal solution, our analysis engine uses CFD (computational fluid dynamics) to validate the layout with real-world performance data. With SpecLab, you can feel comfortable that the Big Ass fans recommended for your space will have the impact you need.

Sample Image #1



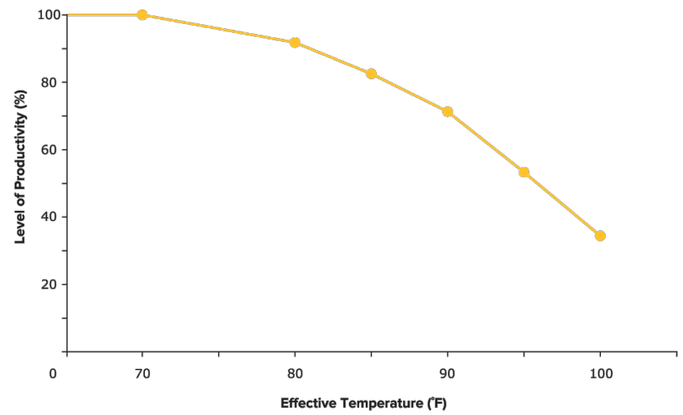
Sample Image #2



HOW COOLING WORKS

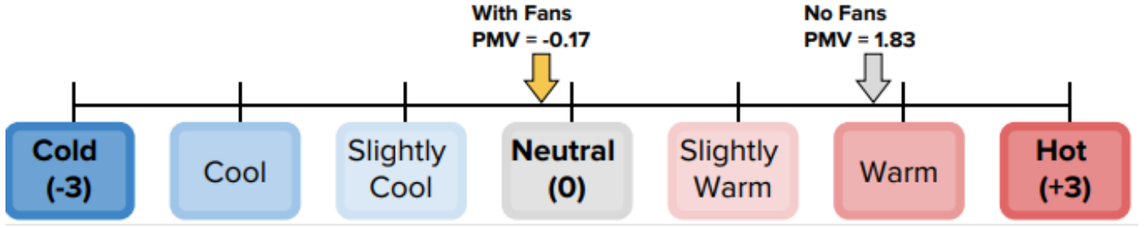
Whether you have A/C or not, air movement from Big Ass Fans improves your body's natural cooling mechanisms, keeping you happy, safe, and productive. While air movement does not lower the actual temperature, the breeze creates a wind-chill effect that makes you feel Cooler as it passes over your skin.

Just as a cool breeze can refresh you and improve your ability to endure working outside on a hot summer day, Big Ass fans provide year-round comfort and relief to workers in a wide variety of indoor and outdoor applications.



ASHRAE THERMAL SENSATION SCALE

The ASHRAE Thermal Sensation Scale is an analytical method to evaluate the thermal comfort of an area. Using air temperature, speed, humidity, and occupant metabolic rate we can calculate the Predicted Mean Vote and see how it ranks on the scale.



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HORSE SENSEABILITY

WHAT WE'RE MEASURING

Average Air Velocity: the simulated air velocity generated from our airflow solution

Thermal Sensation: a person's expected perceived thermal sensation, based on the simulated air velocity, environmental conditions, and type of activity performed in the space

YOUR AREAS

Facility *(Airflow measured at Seated height)*

PRIMARY USE	INDOOR SUMMER TEMP	INDOOR HUMIDITY
Agriculture	85 °F	60%

	No Fans	With Fans
AVERAGE AIR VELOCITY	20ft/min	186.84ft/min
AVERAGE AIR TEMP	85 °F	85 °F
COOLING EFFECT	0 °F	10.39 °F
COOLING COVERAGE	0%	100%

Facility *(Airflow measured at Standing height)*

PRIMARY USE	INDOOR SUMMER TEMP	INDOOR HUMIDITY
Agriculture	85 °F	60%

	No Fans	With Fans
AVERAGE AIR VELOCITY	20ft/min	169.8ft/min
AVERAGE AIR TEMP	85 °F	85 °F
COOLING EFFECT	0 °F	9.96 °F
COOLING COVERAGE	0%	100%

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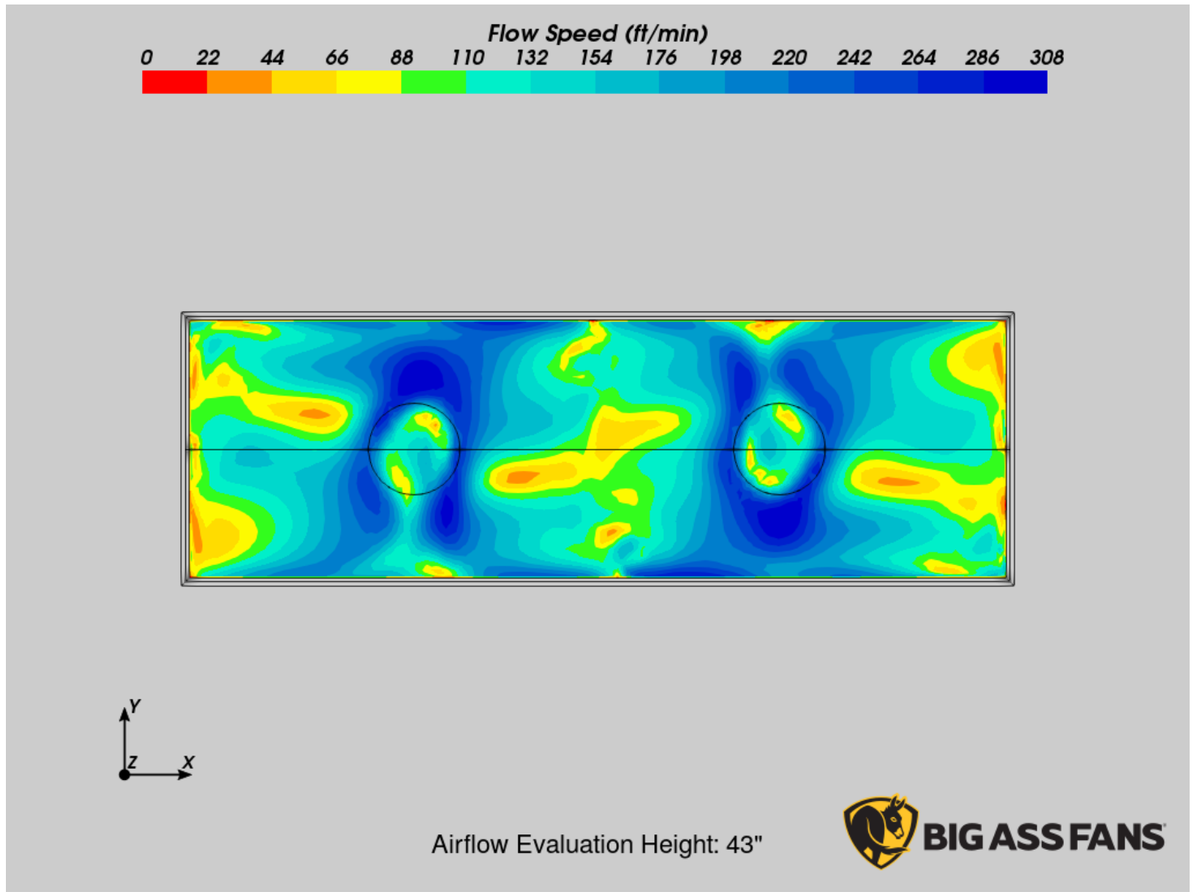
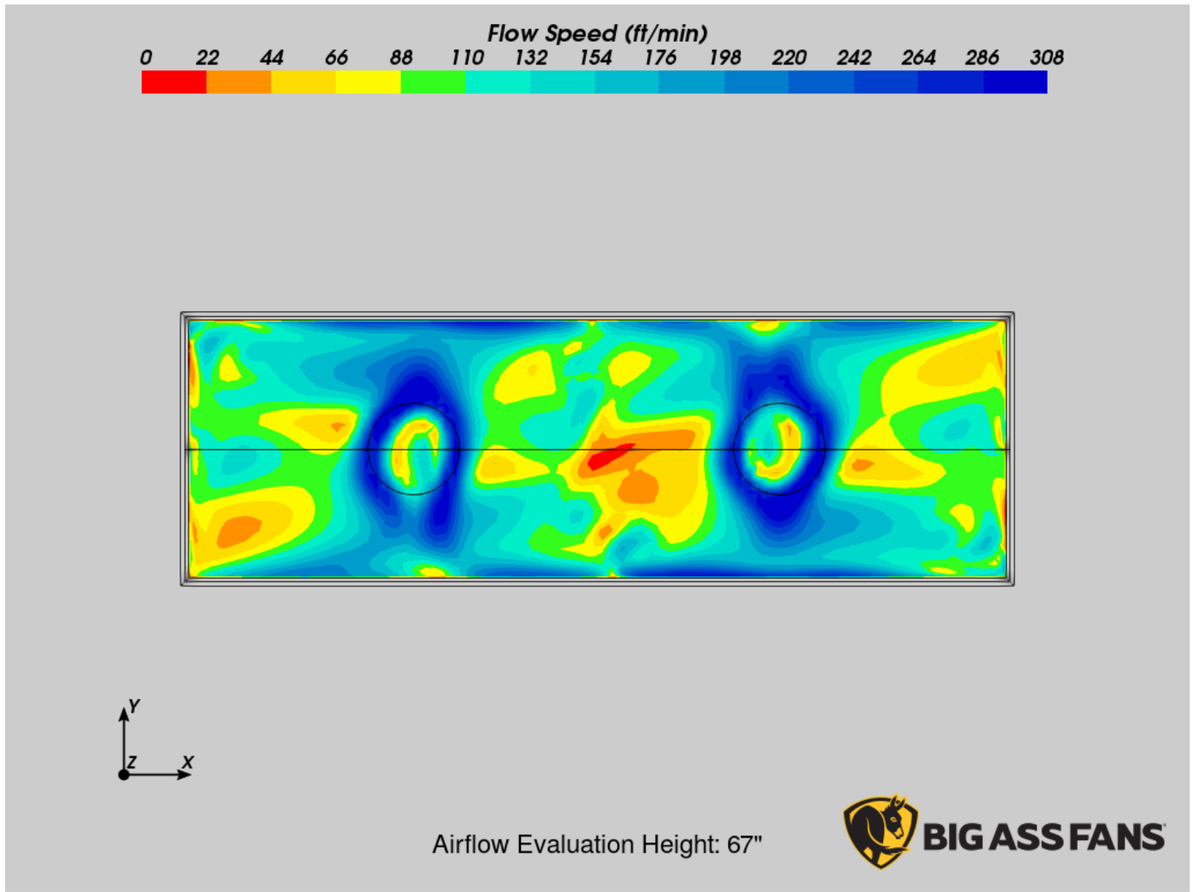
COOLING IMAGES



Airflow Evaluation Height: 43"



Airflow Evaluation Height: 67"

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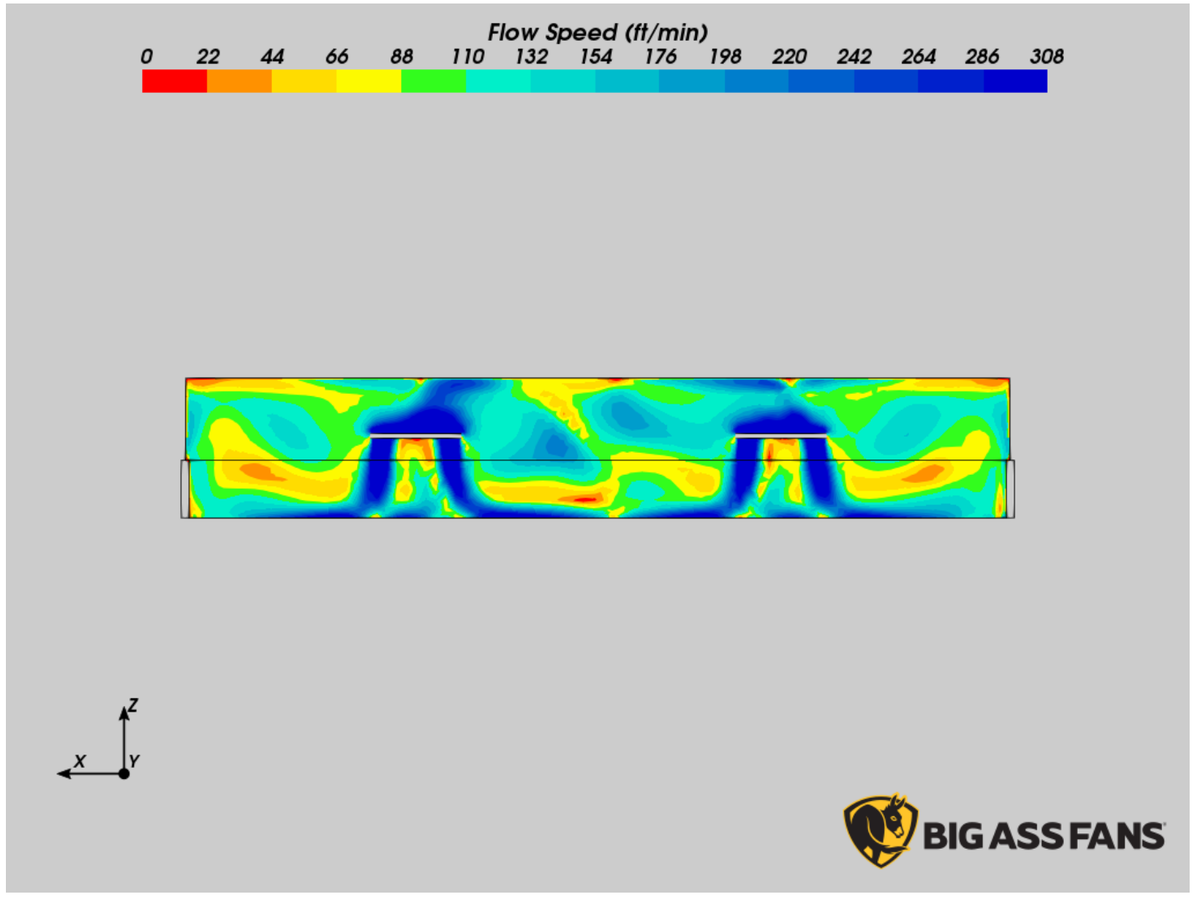
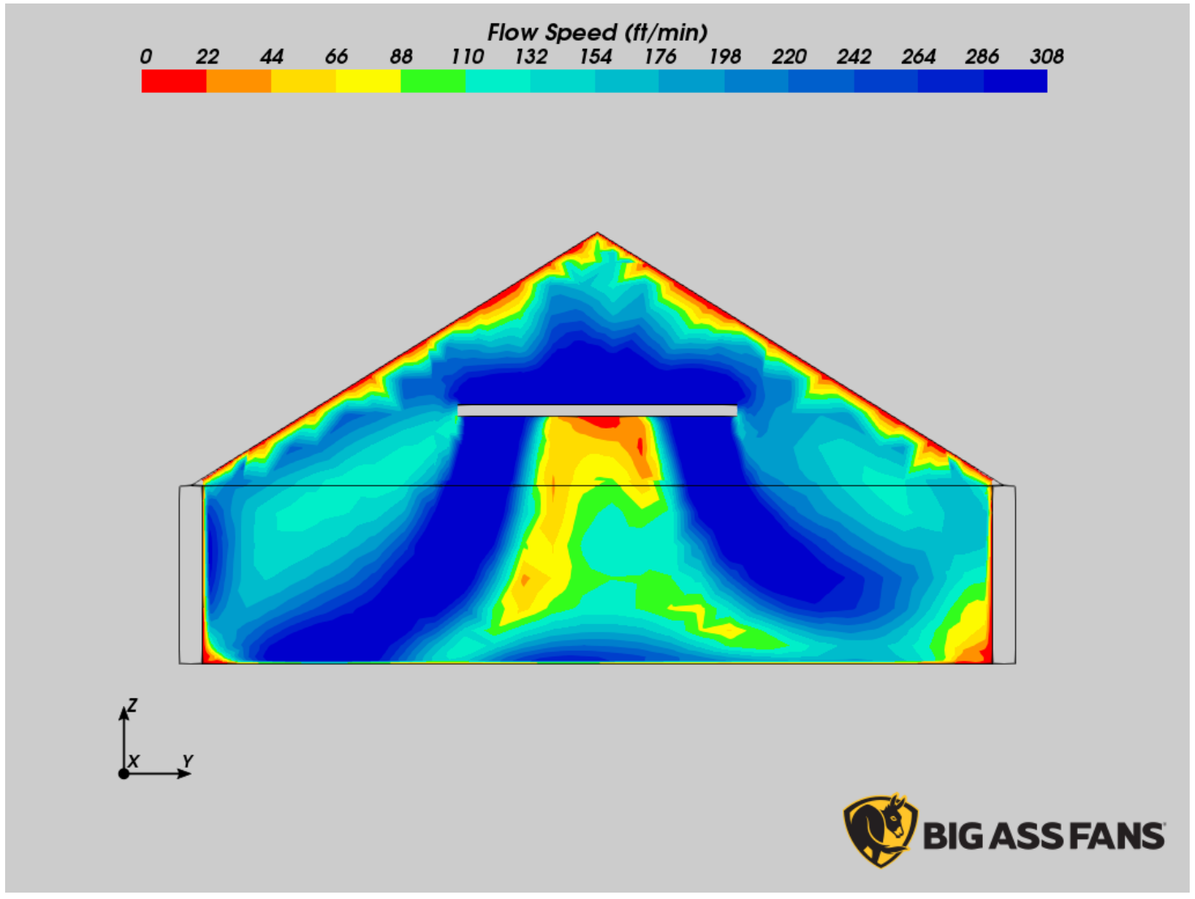
HORSE SENSEABILITY

COOLING IMAGES (CONT.)





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HORSE SENSEABILITY

COOLING IMAGES (CONT.)