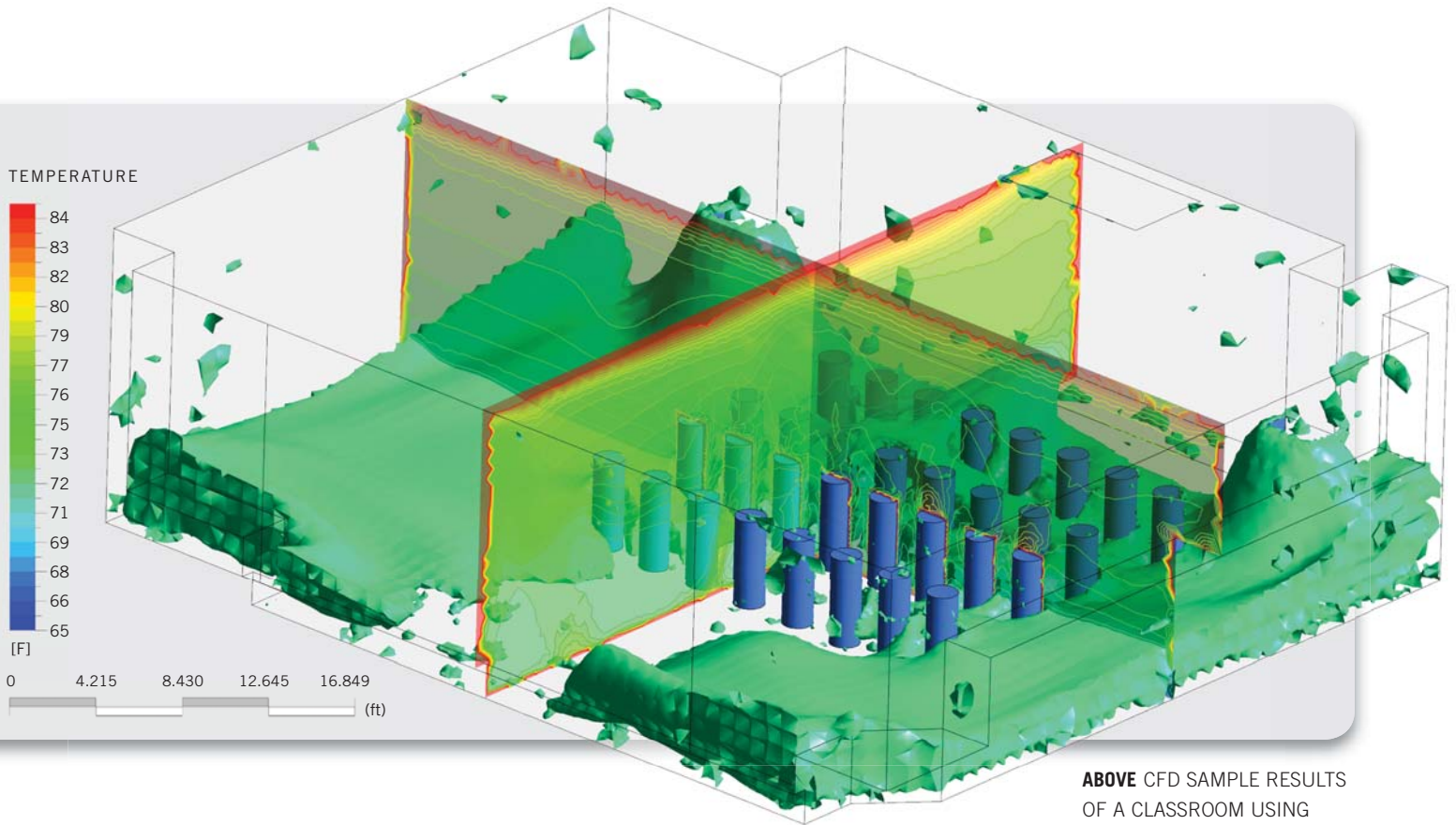


COMPUTATIONAL FLUID DYNAMICS (CFD)



INTRODUCING PRICE COMPUTATIONAL FLUID DYNAMICS ANALYSIS

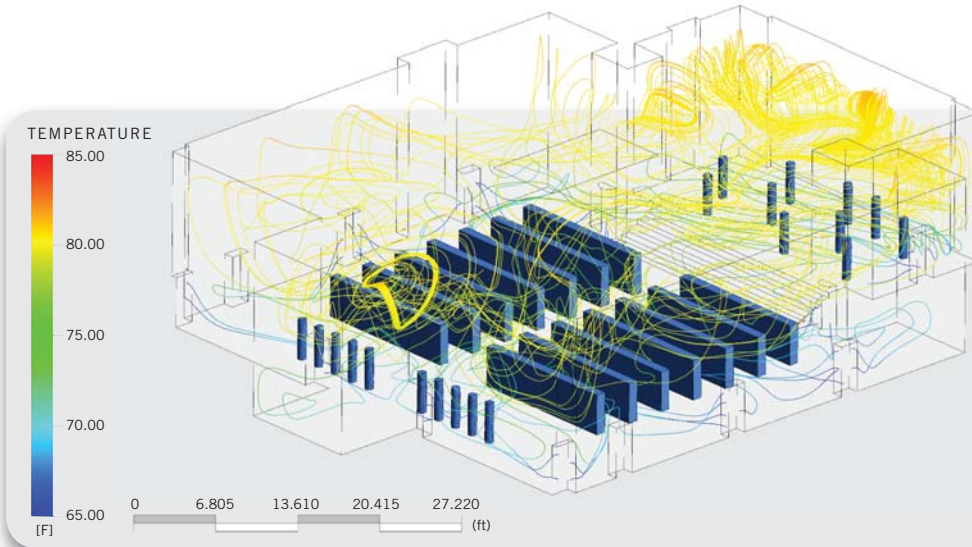
CFD (Computational Fluid Dynamics) provides a means for an engineer to validate their design before the building is built. This allows the engineer to gain confidence that a certain aspect of the design will perform as intended. Having the performance of a product or system analyzed and validated at the design stage and/or prior to installation can help expose potential challenges early, mitigating the risk of costly field modifications.

Price performs CFD analysis on a variety of systems, serving, primarily, the consulting engineering community. Price analysts have years of experience in using CFD software and interpreting results and specialize in building simulation, such as room air distribution and comfort conditions, and specialized applications, such as product design and optimization.

Price offers a range of reporting options for simplified interpretation and visualization of the simulation results. Visualization methods like iso-surfaces, vector and stream line plots, temperature, pressure, velocity or draft velocity planes help to give a good understanding of what is happening in the fluid flow domain.

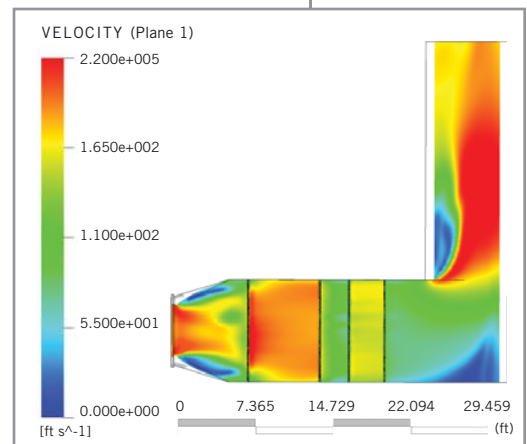
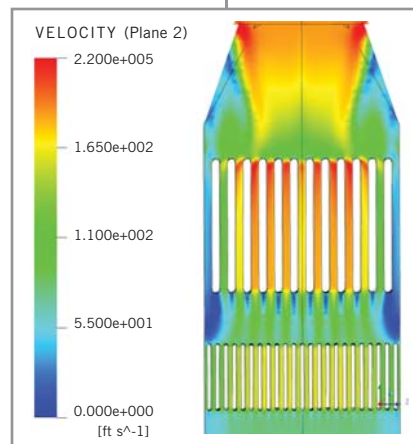
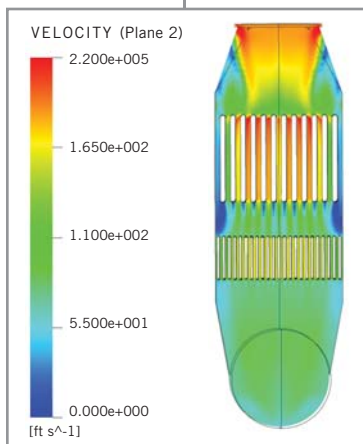
PRICE CFD ANALYSIS:

- ▶ **Validates Designs**
- ▶ **Checks Comfort Conditions**
- ▶ **Previews Performance**



LEFT CFD SAMPLE RESULTS OF A LIBRARY USING DISPLACEMENT VENTILATION.

BELOW CFD ANALYSIS CAN BE PERFORMED ON A RANGE OF SPACES AND APPLICATIONS, FROM EQUIPMENT TO ENCLOSURE AIR DISTRIBUTION TO THE TURBINE EXHAUST SILENCER SHOWN HERE.



The founding principles of our company have never changed - business integrity, first class service and a commitment to people. Price manufacturing endeavours arose from our belief that we could supply superior products and services at a reasonable price. Our mission is to become the worldwide supplier of preference for air distribution products and services. You can rely on Price – our products and services – with confidence.

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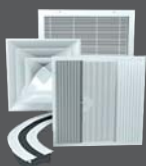
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Product Improvement is a continuing endeavour at Price. Therefore, specifications are subject to change without notice. Consult your Price sales representative for current specifications or more detailed information.

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Lithographed in Canada 2005

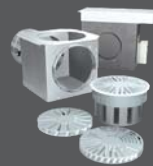
AIR DISTRIBUTION PRODUCTS FOR WORLD CLASS CITIES



Grilles, Registers & Diffusers



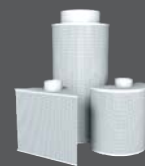
Terminal Units



Underfloor Products



Security Products



Displacement Ventilation