



PROJECT PROFILE

UPMC Shadyside Hospital



CHALLENGE

UPMC Shadyside Hospital faced a significant challenge when it came to their existing pipes, notably with 30" and 14" chilled water pipes. Solving these unique custom penetrations, with their exceptional scale and complexity posed a remarkable industry challenge. They also required larger chilled water penetrations, up to 42 inches, with distinct engineering and manufacturing demands.



RESULTS

RPH created a groundbreaking custom retrofit solution that precisely fit their pipe sizes. Our ability to deliver custom penetrations at this scale, with proper sealing and a 20-year warranty, set a new industry standard. Also, our expertise in engineering covered CHW penetrations up to 42", cementing our position as pioneers in comprehensive custom solutions for complex projects.

PROJECT TYPE

Hospital

SOLUTION USED

Custom VAULT®

SIZE OF UNITS

133.5" x 83" x 71"

NUMBER OF PENETRATIONS

2 large penetrations, 30" and 42"

TYPES OF PENETRATIONS

CHW (Chilled Water)

