

price
ULTRASUITE®

**Eagle Rock
Ambulatory Surgery Center**

Location: Idaho Falls, ID

Architect/Engineer: Christopher Kidd and Associates, LLC

Contractor: Lewis Corporation

Price Representative: Midgley-Huber, Inc. & Air Flow, Inc.

Price Industries' revolutionary Ultrasuite is a customizable air distribution and lighting system specifically engineered to streamline design and improve performance in hospital operating rooms. In 2018, Eagle Rock Ambulatory Surgery Center in Idaho Falls, ID became the first hospital to leverage the Ultrasuite in their operating rooms. This 9,000 square foot, multi-specialty clinic provides a wide range of care and specializes in orthopedic, spine and total joint replacement surgeries.

Technological advancements have significantly increased the amount, size and complexity of equipment required by code in modern operating rooms, making it difficult to accommodate lighting, air diffusers and other ceiling mounted medical equipment like light booms and med-gas.

The Ultrasuite's incorporation of hospital-grade LED lighting directly within laminar flow diffusers conserves valuable ceiling space, allowing additional equipment to be installed. It also allows both lighting and air distribution to be located directly above the patient table, improving visibility for surgeons and other medical staff and ensuring a particulate-free surgical zone.

The engineers at Christopher Kidd and Associates who were selected to design the Eagle Rock facility are familiar with operating room space challenges from their frequent medical space design work, and as such were excited to leverage the Ultrasuite in this project as soon as it was available.

"Given the challenge of fitting all of the lights, diffusers, and equipment into limited ceiling space, the Ultrasuite product was immediately of interest."

—Andrew Johnson, Project Engineer, Christopher Kidd and Associates

The Ultrasuite features a modular, completely customizable design to accommodate a variety of customer needs. The engineering team at Price worked with the mechanical design engineers at Christopher Kidd and Associates to determine the facility's equipment, structural, electrical and spatial requirements and develop detailed submittals and installation drawings of the Ultrasuite specific to this project. This standard service is available and recommended on all Ultrasuite projects.

Traditional equipment installation in modern operating rooms requires multiple specialized trades, all of which need to be scheduled and staggered to ensure sufficient time and space for all personnel to complete their tasks. In combination with the factory-assembled, modular design, the Ultrasuite's hanger-wire suspension system reduces installation time and personnel required, such that the Ultrasuite is much faster and more efficient to install than traditional operating room ceiling and diffuser systems.

At the Eagle Rock Ambulatory Surgery Center, the Ultrasuite was delivered as one large, factory-assembled piece and took approximately two hours for three people to position and level. The design and installation coordination savings associated with the integrated Ultrasuite system resulted in an overall installed cost comparable to that of a traditional system.

As technology develops, more flexible and effective operating room solutions are required, and the Ultrasuite is a significant contributor to a new and improved era of medical design.



Ultrasuite installed at the Eagle Rock Ambulatory Surgery Center



Eagle Rock Ambulatory Surgery Center



Ultrasuite installation