





BETTER MEP SYSTEMS FOR HOTEL GUEST COMFORT

Denovo's embarking on a comfort revolution for midscale, upper midscale, and upscale hotels. Our engineering design sophistication has resulted in a better, quieter, more energy-efficient HVAC system in each room, drastically improving the guest experience. Owners benefit too. Systems based on renewable sources substantially reduce energy costs and improve ROI.





OUR SERVICES

Think Tank Strategy Consulting
MEP Engineering Design
Renewable Energy Systems Design
Facility Assessments
MEP Construction Management
System Start Up and Commissioning



Complete renovation of an existing 3-story hotel into a boutique 110 room property with an air source variable refridgerant flow (VRF) mechanical system.

Axis Hotel | Moline, IL

Renovation of the historic 5th Ave. building into a 104 room property. Guest room HVAC systems are comprised of solar thermal panels, a hydronic loop, and underground thermal storage. Heat pumps in each room serve as an energy recovery unit to preconditioned ventilation air.

Hilton Garden Inn | Sun Prairie, WI

New 6 story, 138 room hotel with energy efficient design entailing a geothermal variable refrigerant flow (VRF) system.

Fairfield Inn & Suites | Altoona, IA

Team Denovo pioneered a geothermal heat pump chiller with 4-pipe vertical fan coil units for this 107 room Marriott brand.

Hyatt Place Hotel | Altoona, IA

Opening in the summer of 2020, this 112 room hotel includes a Geothermal 4-pipe system.

Fairfield Inn & Suites | Davenport, IA

New HVAC system with Fan Coils, scheduled to open in early 2020.

Best Western Premier | Ankeny, IA

New 4 story, 98 room hotel using energy efficient design entailing a geothermal variable refrigerant flow (VRF) system.

Hotel Fort Des Moines Renovation | Des Moines, IA*

Complete renovation of 11-story historic 1919 hotel to be home to the Curio Collection Hotel by Hilton offering 300 guest rooms.

New 4 story, 102 room hotel with pool.

Legend Trail Inn & Suites | Parkersburg, IA*

New 2 story, 32 room hotel.

Park Inn | Mason City, IA*

Historic renovation of Frank Lloyd Wright's 1910 hotel featuring 27 rooms, parlor and lounge, fitness center, and restaurant.

Hotel Pattee Renovation | Perry, IA*

Historic renovation of 40 room hotel, restaurant, and event spaces.

Stoney Creek Inn | Sioux City*

New 4 story, 161 room hotel with pool and conference center.

Camp Dodge Bachelors Officer's Quarters | Johnston, IA*

New 2 story, 60 room hotel on army base.

Mauna Lani Beach Resort Facility Condition Assessment | Kona HI*

Facility condition assessment for 3,200 acre, 300,000 sf resort, which includes the Mauna Lani Resort & Bungalows, Mauna Lani Spa, and Francis H. l'i Brown Golf Courses.

SHI Hotels Facility Assessments | Various Locations in Hawaii*

Facility condition assessments for four major resorts totaling over 5.000.000 sf.

* mechanical system design only by KCL Engineering, our engineering design partner





AXIS HOTEL, TAPESTRY COLLECTION BY HILTON

Moline, IL

Engineering Design, Mechanical System Construction Management

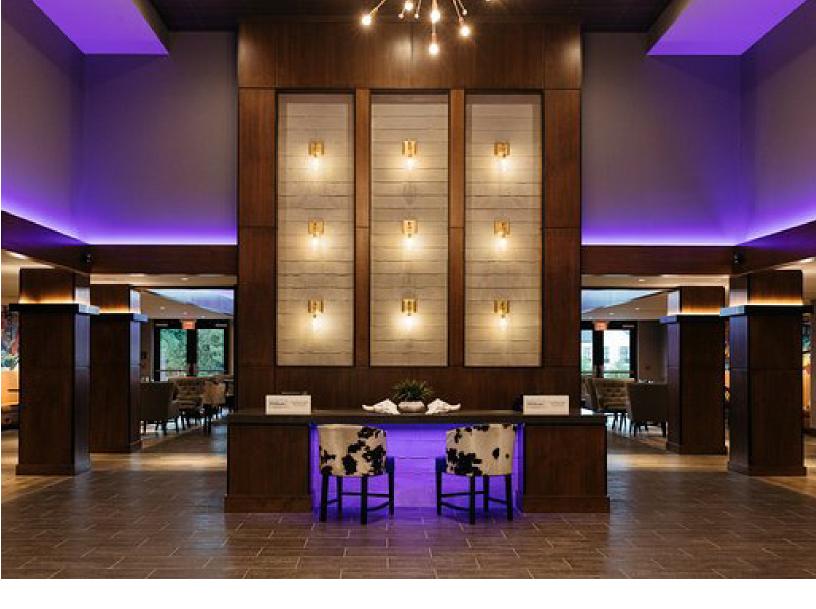
The Axis is a renovation of the historic 5th Avenue building in downtown Moline, Illinois. Due to the original 1920's layout of the eight-story tower, Denovo's design team had to work within building contraints to deliver an efficient and successful HVAC system to each unique guest room and lobby space.











REVEL HOTEL URBANDALE DES MOINES, TAPESTRY COLLECTION BY HILTON

Urbandale, IA

Engineering Design, Mechanical System Construction Management

The Revel Hotel is a complete renovation of an existing 3-story hotel into a boutique property complimenting the adjacent Hotel Renovo and Iowa Machine Shed. This 64,000 sf, 110-room hotel features an air source VRF mechanical system designed and delivered by Denovo.











HILTON GARDEN INN AND JOHNNY'S ITALIAN STEAKHOUSE

Sun Prairie, WI

Engineering Design, Mechanical System Construction Management

Owned by the Heart of America Group, the Hilton Garden Inn at Sun Prairie is a six-story, 124 room hotel with nearly 10,000 square feet of meeting and pre-function space. The property also includes Johnny's Italian Steakhouse. This property is the second hotel HOA chose to design with renewable energy with the Denovo engineering and construction team. This hotel's system is geothermal variable refrigerant flow (VRF) with fan coils.











FAIRFIELD INN

Altoona, IA

Engineering Design, Mechanical System Construction Management

The Fairfield Inn, owned and operated by the Heart of America Group, is a first of its kind facility both aesthetically and functionally. Heart of America Group's Kim Whalen worked hand in hand with the Marriott to completely redesign the look of the Fairfield Inn using mid-century inspiration. While the Fairfield looks different to guests, it also feels different. This facility uses a geothermal heating and cooling system throughout the entire hotel, including guest rooms, common spaces, and pool. Denovo's team pioneered the geothermal 4-pipe system with fan coil units in a hotel setting, which is not in any previous HOA property. This heating and cooling system eliminates the PTAC unit in each room and the common compressor noise and temperature variances. The result is a more comfortable guest experience.





