



The ExxonMobil Corporation is a leading petroleum and petrochemical company that creates products that drive modern transportation, powers cities, lubricates industry and provides petrochemical solutions. With intentions to consolidate their Houston offices, they constructed a new state-of-the-art campus north of Houston. ExxonMobil believes that by bringing functional groups together onto one campus they will enhance collaboration, add more value and accelerate the discovery of new resources, technologies and products. The campus is situated in between Spring and The Woodlands in the masterplanned community of Springwoods Village, just west of the intersection of Interstate 45 and the Hardy Toll Road.

"This new campus provides an opportunity to consolidate many of our Houston offices in one location, which will provide a high-quality working environment as our employees continue to support ExxonMobil's mission of delivering energy to meet growing global needs," said Bryan Milton, president of ExxonMobil Global Services Company. The Exxon campus was constructed with energy efficient and highperformance building standards. The sustainable design practices were incorporated into every aspect of the campus design and construction process. The architecturally advanced campus will use natural light to maximize energy savings through daylight harvesting.



CASE STUDY

EXXONMOBIL CAMPUS

Nailor Products:

- **Air Handlers**
- **Out of Wall Combinations Fire/Smoke Damper**
- **Fan Powered Terminal Unit Stealth with ECM**
- **Underfloor VAV Box**
- **Underfloor Swirl Diffusers**
- **Grilles and Registers**
- **FlowLine**

Location: **Spring, TX**

Year: **2014**

Buildings/Size/Area:

20/3 million sq. ft. (279,000 m²)/385 acre

Category: **Corporate, Master Plan, Campus**

Architect: **Pickard Chilton**

Architect of record: **Gensler**

Structural Engineer: **IMEG**

Campus Programmer and Workplace Interior

Architect: **Houston-based PDR Work + Place**

Contractor: **Gilbane Building Company, Harvey**

Builders

MEP Engineer: **Cosentini Associates**

Landscape Architect: **Hargreaves Associates**

Interiors: **PDR, Gensler**

Nailor Representative: **Vicon Equipment, Inc.**

FLOOR SWIRL DIFFUSERS

Model: NFD-VAV



STAND ALONE LINEAR BAR GRILLE WITH PLCH PLENUM

Model: 49PLD-XM



The campus was offers 14 low-rise office buildings, 3 parking garages, campus commons, laboratory building, child care facility, and a methodical roadway system containing bridges, a central utility plant and utility services.

The open interior plan for work spaces were designed to house 10,000 employees utilizing resourceful attributes. Nailor's Underfloor Air Distribution Products (UFAD), 38F Series were selected to be the primary source of airflow for the new campus. UFAD's are specially engineered to meet the requirements of the most demanding underfloor applications where premium quality design and performance characteristics are required. Thermal Corporation, a division of Nailor Industries, Inc., customized a T Series (Tubular Frame) air handler for this project, to provide a tailored platform with an optimum balance in quality and value.

Furthermore, over 15 miles of the Perimeter Linear Diffuser, model 49PLD-XM was installed to provide high capacity airflow with minimal turbulence. VAV Floor "Swirl" Diffuser with actuator, model NFD-VAV was installed at each cubicle to allow employees to control the thermal comfort in their work zone. The high performance combination fire/smoke dampers were specifically designed for supply or return ducts that terminate at a grille. A steel grille installs over and completely hides the mounting tabs, which eliminates the requirements for unsightly front retaining angles.

Nailor's innovative solutions contributed to the building's attainment of LEED Gold certification by providing highly efficient products that conserve energy, enhance air quality and comfort, and promote environmental sustainability.



AIR CONTROL FIRE SMOKE DAMPER
Model: 1221



AIR HANDLING UNITS
TS SERIES





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