

Richard J. Fell, P.E.

Director of Engineering

EDUCATION

*B.S. Mechanical Engineering
Newark College of Engineering (NJIT)*

REGISTRATION AND CERTIFICATION

Registered Professional Engineer, New Jersey

#15932

RESPONSIBILITY AND EXPERIENCE, WHITMAN

Mr. Fell began his career in 1960 with a medium sized consulting engineering firm. His career advanced from HVAC Draftsman to Project Engineer and Principal of his own firm culminating in overall design responsibility for the heating, ventilating, and air conditioning systems.

In his career, he has engineered and designed many successful HVAC systems for both new and existing projects, including renovations. Among those are major hospital expansions and renovations, colleges and universities including campus distribution systems, office buildings, libraries, schools and governmental buildings.

Mr. Fell has designed high and low pressure steam heating systems, and hot water heating systems with fan coil units, radiators, unit heaters, unit ventilators and similar types of terminal equipment. He has experience with centrifugal, screw, and absorption chillers in constant volume, variable volume and reheat systems. He has also utilized energy conservation in the form of exhaust air heat recovery, rotary heat wheels, free cooling, variable frequency drives and automatic temperature control utilizing building automation systems.

Mr. Fell has engineered HVAC systems ranging from small tonnage packaged indoor units, to large rooftop air conditioning systems, to built-up air conditioning systems with various levels of air filtration and air quality with steam, hot water or electric heating, humidification or dehumidification, and with chilled water or direct expansion cooling systems.

PROFESSIONAL ASSOCIATIONS

Member, American Society Heating, Refrigeration and Air Conditioning Engineers