

BROWN UNIVERSITY

Watson CIT Chiller Plant Upgrade

PROJECT OVERVIEW

Nestled in the College Hill section of Providence, RI, Brown University's 150-acre campus includes close to 230 buildings, some of which have been standing since the school's initial construction in 1770. While steeped in tradition, the Ivy League institution also benefits from its progressive outlook towards the future, whether that be in the form of innovative cancer treatment testing or rehabilitating aging campus buildings and facilities.

As part of its ongoing facilities and utilities maintenance initiative, Brown replaced the aging chiller system located in the Watson Center for Information Technology (CIT) building, which had long outlived its period of effective service. Arden removed existing systems and installed the new, energy-conscious system that ties into one of seven campus-cooling districts.

PROJECT SPECIFICATIONS

Contract Amount: \$1,152,100

Facility Type: Education

Schedule: September 2014 - January 2016

Location: Providence, RI

CONTACT US

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SERVICES PROVIDED

Centrifugal Chiller
Installation

Electrical

HIGHLIGHTS/ ACHIEVEMENTS

Replaced aging chiller
system with centrifugal
liquid chillers

Connected new chillers
to existing cooling district

VALUE DELIVERED

The Watson CIT chiller upgrade plays a vital role in the overall reliability and energy efficiency of Brown University's utility system. The addition of a technologically advanced chiller in the Watson building allows the plant to be part of an established centralized cooling district, of which the campus has many. This method of utility distribution allows the university to save on energy costs, yet retain the peace of mind associated with effective and reliable cooling systems for its various buildings, data centers, and personnel.