

Project

Name
Station Taproom

Location
Downingtown, Pennsylvania

Completion Date
Spring 2011

The Team

HVAC Contractor
James Brown Plumbing Heating & A/C, LLC

HVAC Distributor
Johnstone Supply
Downingtown, PA

Fujitsu Equipment

- (2) AOU30RLXQ Outdoor Units
- (2) ASU30RLXQ Wall Mounts
- (1) AOU48RLXFZ Outdoor Unit
- (3) AUU18RLF Ceiling Cassettes
- (2) AOU36RLXFZ Outdoor Units



Comfort on Tap

In 2010, Station Taproom went from a “dream” to a reality in this tiny 1,200 ft. first floor space at 207 W. Lancaster Avenue, in the heart of Downingtown, PA. Station Taproom is a specialty taproom serving the most eclectic beers on tap, wine and with an awesome open-air kitchen. It resides right across from the Downingtown train station, thus the name. It was a unique space with limited room for really anything outside of the absolute necessary which also applied to the mechanical system. Two young bartenders taking their chance at a dream with a tight budget have transformed dining and drinking in the heart of Downingtown while keeping the property historically correct at the same time.

Design Challenge

The space which was previously heated by hot water baseboard and one window air conditioner over the front door would not cut it with the new code enforcement and seating arrangement for the Station Taproom. There was limited space for large ductwork to take any valuable square footage and no place for large condensing units on the outside of the building. The budget was tight for a start-up business that had no idea of what to expect in a little town. Large commercial equipment was out of the question.

Solution

Since the space was limited, the Station Taproom needed something small, effective, efficient and economical. Working with an open minded engineer, Fujitsu was brought to the table as the perfect solution.



Above: Compact cassette and wall mount shown above.

Below: 3 Condensing units are suspended outside the Station Taproom.



Results

By using Fujitsu mini splits, the Station Taproom project is how Fujitsu made it possible for them to open for business. After experiencing the system for one year they expanded into an additional Halcyon system that made the comfort of the customers soar.

The first year, James Brown Plumbing Heating & A/C installed only the “minimal” size equipment they could, which consisted of (2) wall mounted units due to budget and start-up costs. Station Taproom expanded and grew into a town favorite experiencing unheard of turn-outs which created an additional air conditioning load that the

(2) wall mount units were not prepared to handle.

Prior to the one year anniversary of the Station Taproom, James Brown Plumbing Heating & A/C elected to install a new Halcyon system with (3) ceiling cassette units in conjunction with the (2) wall mount units which exceeded all expectations! Cool comfort in the hottest and most humid months. Warm comfort all winter long no matter what the capacity in the space!



“To see the Station Taproom grow as quickly as it has and continue to do well and deliver exactly what they advertise as we did with their Fujitsu system makes it all worth it in the end.”

“Fujitsu made all of this possible with their reliable equipment and versatile options for unique applications like the Station Taproom!”

