

# RenewAire case study: Prime Time Sports Bar

## Solving Smoke Problems with RenewAire Energy Recovery Ventilation

Dale and Janet Kassens, new owners of Prime Time Sports Bar & Eatery, were tired of going home every night smelling like cigarette smoke. To make matters worse, Dale suffers from asthma. The ozone smoke eaters installed above the bar and dining area when they bought the place were just aggravating his condition. By the end of his shift, he couldn't breathe.

They decided it was time to do something about the problem. Dale and Janet talked with a local contractor and described their situation. They have a 1200 square foot establishment capable of seating 63 in the dining area and up to another 35 to 40 standing two, and sometimes three deep around the bar on a busy night. Could anything be done to improve the indoor air quality?



That's when the heating contractor went to their RenewAire distributor with an idea. Together with the distributors engineers, a plan was hatched. By installing RenewAire energy recovery ventilators, smoke-filled air could be replaced by fresh outside air. One unit was installed above the bar, and a second unit was installed in the upstairs rental property to take care of the air quality problem in the dining area. An easy-to-operate control panel was created and placed out of the way behind the bar for Prime Time employees to turn the units on and off.

Since Prime Time has had these units in and running, customers have noticed the difference and commented on it. Who knows how many of their friends they have told! Dale now has much less of a problem breathing at work, and he and Janet no longer come home at night reeking of cigarette smoke. The wait staff at Prime Time are enjoying healthier working conditions, and the window cleaner, who stops in every six weeks is amazed at the difference. The windows and televisions were dusty, but not full of the usual tar and smoke buildup that comes from being in a confined, smoke filled room.

### Project Summary

#### The Solution:

Equipment: (2) RenewAire HE900's  
Application: Smoke Removal  
Ventilation: 1800 cfm Fresh Air  
Energy Savings: 250 million BTU Heating  
40 million BTU Cooling



*Special thanks to Auer Steel & Heating Supply Co.,  
Milwaukee, Wisconsin*



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