



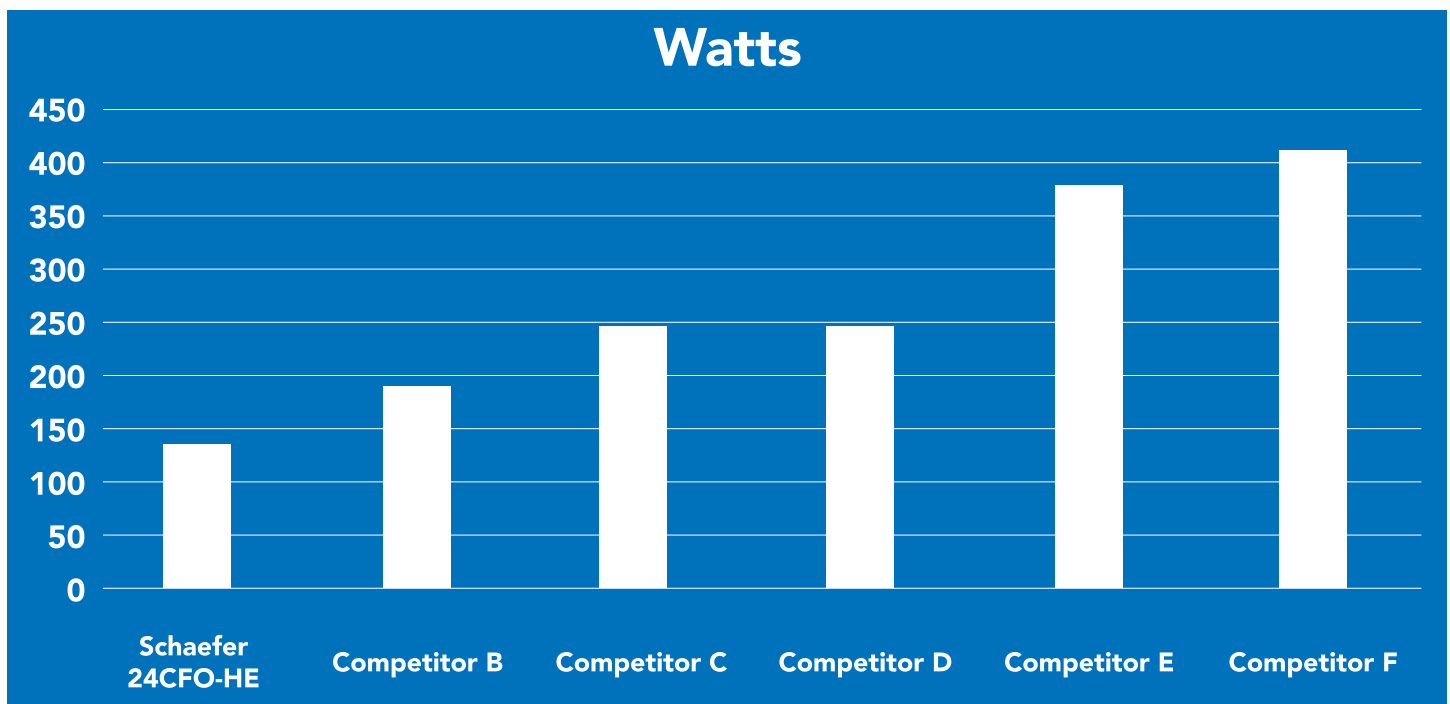
SCHAEFER HIGH EFFICIENCY CIRCULATION FAN CASE STUDY

Overview

Schaefer understands keeping your facility running efficiently is near the top of the priority list. From employee comfort and product protection, to operating costs and cashflow, Schaefer is keeping you at the top of their priority list too. The below case study highlights an operating inefficiency missed on a facility energy report and how Schaefer guided Company XYZ to a solution that produced cash savings.

Schaefer also learned a few things along the way such as:

- The average energy cost for an industrial facility is \$0.0791 kWh
- By switching to a Schaefer High-Efficiency Fan a business can become up to 71% more efficient than they were previously.
- The average savings by switching out just one (1) 24" fan can be up to \$350.00 for 1-year of operation.



Purpose

To demonstrate the value of investing in high efficiency circulation fans for an industrial facility by displaying the energy savings that can be recognized.

Executive Summary

Company XYZ needed to find an effective way to cut operating costs to expand/free up cashflow thus allowing them to focus in on their corporate strategy and goals. Company XYZ was able to save \$74,457.60 per year by switching to high-efficiency fans from Schaefer Ventilation.

Situation

Company XYZ uses 1,000 circulation fans in their facility to keep their employees cool, comfortable and productive. They use a mixture of 24" fans from different manufacturers including some that are up to 15 years old and others that have been fixed over the years. Therefore, many were very inefficient and consume a lot of electricity.

- On average each fan consumes 410 watts.
- Company XYZ pays \$.07 per kwh for electricity.
- They run two 8-hour shifts, 5 days a week.

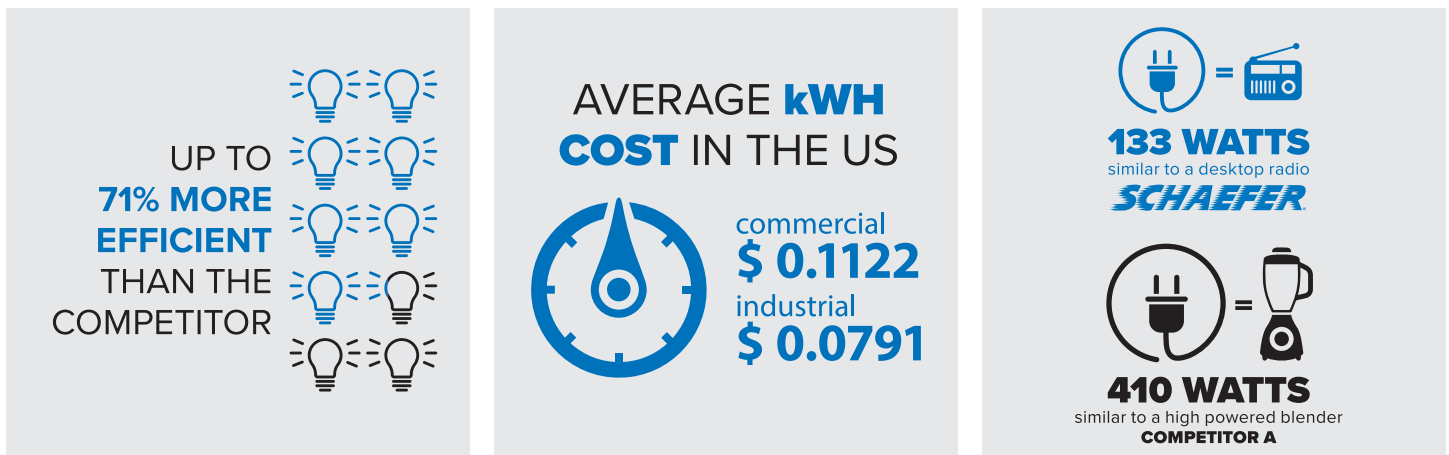
Situation Results

It costs company XYZ \$110,208 per year to operate their current inefficient fans.

Solution

Company XYZ replaced their existing 24" circulation fans with the Schaefer 24CFO-HE high efficiency circulation fans which only consume 133 watts per fan.

Because the new fans are so energy efficient, they are now only costing Company XYZ \$35,750.40 per year in operation costs. Which means Company XYZ is now saving \$74,457.60 per year in energy costs for the same number of fans in their facility as they had previously.



FOR ADDITIONAL TECHNICAL INFORMATION :



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