

SUCCESS STORY

RED POWER



INDUSTRY
HVAC

APPLICATION
Air Handler Unit

COMPANY PROFILE

University Library (Campus Facilities)

PROBLEM

A major college in Michigan had been unable to reliably shut down the air handling units of their campus library at night. The existing 5VX cog belt drives were stretching and failing from start-stop shock loads forcing the library to leave the units running 24/7 amounting to significant energy costs.

SOLUTION

RED POWER 5V v-belts and pulleys.

RESULTS

The library converted a series of different configuration supply return fans to RED POWER 5V belts. RED POWER's high strength tension cords and reinforced core are designed to handle shock loads and improved stop-start functionality allowing the drives to be turned off at night.

Optibelt RED POWER v-belts have shown improvements in:

- Reduced the operating energy an average of 12% across four fans and improved CFM on the supply return fans
- Library expects to save approximately \$130,000 by converting all 22 fan drives to RED POWER

