

HVAC FACILITIES HEALTH

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THE PROBLEM:

Air Handling is critical to sustain environmental conditions in pharmaceutical manufacturing.

Maintaining assets like **Exhaust Fans** & **Blowers** is crucial, yet difficult.

FAN & BLOWER BLIND SPOTS:



Process demands constant run time



Belts & sheaves introduce many potential failure modes



Air handling assets are often inaccessible due to guarding



COST OF POOR AIR HANDLING HEALTH

Unplanned downtime can lead to **significant product loss** & cost up to \$100.000/hour

Repairing & replacing parts can take 4-8 hours

Poor machine health can lead to **low energy efficiency** & **degradation of required environmental conditions**

We have worked with pharmaceutical industry customers to:

- Catch fan failures before they happen
- Eliminate unnecessary fan & blower PM's
- Improve fan efficiency

THE SOLUTION



Wireless vibration sensors are easy to install



Software provides access to data, dashboarding, & alarming



Real-time data provides health insight without stopping production



Sentry Analysts work with your team to understand vibration