

Compressed Air Case Study:



BEKOMAT™ NO-LOSS DRAINS

ENERGY REDUCTION

ANNUAL COST SAVINGS

\$25,000

Challenge

A customer was using 18 timer drains to remove condensate from the compressed air system on the supply side. Timer drains use compressed air to eliminate condensate and are an inefficient method in comparison to BEKOMAT™ no-loss drains.

Analysis

The timer drains observed and measured by the Energy Services Team utilized condensate removal intervals ranging from every ten minutes to constantly open drains. The total air consumption across all 18 timer drains was 145.49 CFM.

Recommendation

By replacing timer drains with BEKOMAT™ no-loss drains, the customer could conserve 100% of the air consumption.

Implementation

All 18 timer drains were replaced by BEKOMAT™ no-loss drains leading to an annual savings of \$25,000.



BEKOMAT™ no-loss drains utilize a sensor to trigger a solenoid valve allowing air to remain in the system while condensate below a diaphragm is released to the discharge pipe. With high reliability and low maintenance, these true zero air loss drains are both dependable and energy efficient for any compressed air system.