



# MAC® Pulse Valves

**APPLICATION:** Baghouse  
**INDUSTRY:** Wastewater

*For 20 years we had diaphragm pulse valves on our 3 baghouses with a total of 153 pulse valves. Then we switched to MAC's spool pulse valves.*

*Not only did we significantly reduce our maintenance costs and downtime, but we also saved massive amounts of compressed air which reduced our electrical energy costs. The filter bags last 3 times longer with MAC spool valves.*

*This was one of the best and easiest investments at this plant we've ever made.*

**John - Electrical Lead  
Metropolitan Wastewater Plant**

## Customer Success

### Challenge

A metropolitan wastewater facility utilizing diaphragm pulse valves was experiencing major headaches with maintenance on their baghouses.

On a routine visit, Hartfiel Technical Sales Specialist Cody Anderson became aware of the situation and told them about MAC spool type pulse valves. Developed specifically to replace diaphragm style technology, MAC's pulse valves would alleviate the maintenance issues with the customer baghouses, lower operating costs due to cleaner filters, and deliver significant electrical energy savings from fewer pulses per minute.

The customer was skeptical it could be that easy.

### Solution

In order to address their concern, a MAC pulse valve was installed with a data logger to record the data. After running the baghouse for several months, the customer reviewed the data. They were amazed with the results. It was decided that all three baghouses would be converted to MAC pulse valves.

### Results

- Significantly reduced maintenance and downtime
- Less work for air compressors means lower electricity usage
- Cost savings due to extended filter bag life



Let the experts at Hartfiel and Fiero show you a better alternative to diaphragm pulse valve technology.

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