CONSERVE & $AVE™

COMPRESSED AIR LEAK CORRECTION REBATE PROGRAM

WHY PERFORM A COMPRESSED AIR LEAK DETECTION SURVEY?

Compressed air is not free! It may be viewed as a utility much like water, electricity, or gas. According to the US Department of Energy, compressed air is the most costly utility in plants today. It is estimated that the average industrial customer wastes 20%-30% of their compressed air to air leaks.

By routinely detecting and fixing air leaks, most companies can reduce leakage to 10% or less and realize large cost savings and almost immediate payback. Any company committed to reducing operating costs should conduct compressed air leak detection surveys.

THIS IS HOW OPU CAN HELP!

If you are an electric customer of OPU with at least 10 horsepower (hp) of air compressors that operate at least 2,000 hours per year, OPU can provide you the use of an ultrasonic leak detector for free!

The UltraView Leak Detection Camera is easy to operate, and comes with instructions on how to use the detector to quickly locate leaks without shutting down your processes. After locating your air leaks, the app will provide a detailed report with potential savings from each repaired air leak. Your savings of energy and operational costs can begin immediately, since most air leaks can be corrected as they are located. Implementing an annual leak correction maintenance program will also result in continuous savings.

REBATES ARE AVAILABLE!

Rebates of $4-$9 per hp of air compressor capacity (excluding back-up capacity) are available to OPU customers who document and verify that they have fixed at least 50% of the compressed air leaks identified during a leak survey. Customers can self-survey or hire a contractor.

The more leaks you repair, the larger your rebate! For example, with 50 hp of air compressors, operating more than 2,000 hours per year, the rebate for repairing at least 50% of the air leaks identified in a survey would be $200. Repairing 100% of the leaks would maximize your annual savings and your rebate would be $450. When combined with the energy savings, the typical payback for surveying and repairing compressed air leaks is only a few months!

COST OF AIR LEAKS

Equivalent Orifice Size	Air Loss (cfm)	Annual Cost
1/8”	26	$2,127
1/4”	104	$8,508
3/8”	234	$19,143

Note: Annual Costs were calculated using 100 psig air, an average energy rate of $0.10/kWh, variable displacement modulation, and assuming 6,240 annual operating hours and 0.19 kW/cfm.

HOW TO GET STARTED

To learn about program details and reserve the UltraView Leak Detection Camera, call your OPU Energy Conservation Officer at 507-451-2480 or email jared.hendricks@owatonnautilities.com

You may borrow the detector for one week to locate your leaks and another week to verify your leak repairs.

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