Get the most from your **compressed air system.**

Running a compressed air system can be expensive, but by optimizing your system, **you can save 30-35% of your compressed air costs.** It's simple and cheap.

To achieve those savings there are three main things you can do; reduce leaks, turn off the system when not in use, and use appropriate pressure needed for the job.

Leaks make up a large portion of wasted energy, wasting up to 20-30% of a compressor's output. To help you optimize your system and reduce energy waste, Efficiency Nova Scotia offers complimentary leak detection surveys. We also cover the full cost of a feasibility study (up to $15,000) to companies that are eligible.

Does your compressed air system meet the requirements for a complimentary air leak survey?

1 **What size is your compressor?**
Worthwhile if more than 25 hp.

2 **What do you use compressed air for?**
Businesses that use it for multiple tools & machines benefit the most.

3 **What is your system pressure set to?**
We survey systems with 70 psi or higher.

4 **How many hours per year does it run?**

Compressor hp	Minimum runtime hrs
100+	min 1,500 hrs
100	min 2,200 hrs
75	min 3,500 hrs
50	min 4,500 hrs
25	min 6,000 hrs

System eligibility is based on the runtime listed above.

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Compressed Air Optimization

How much is your compressor costing you?

Compressor hp	2 Shifts	3 Shifts
25	$7,926	$15,666
50	$15,853	$31,332
75	$23,779	$46,998
100	$31,705	$62,664
150	$47,558	$93,996

The cost of air leaks

Size of Hole	Cost/Year
1/16"	$523
1/8"	$2,095
1/4"	$8,382

Costs calculated using electricity rate of $0.05 per kWh, assuming constant operation, 100 psig, and a typical compressor.
Source: The Compressed Air Challenge

More ways to optimize your system:

- Replace dryers with energy efficient refrigerated dryers
- Identify and get rid of wasted compressed air
- Review piping and install air storage to ensure efficiency
- Install variable speed drives
- Replace filters on a regular basis
- Recover the heat from the compressed air system

Rebates available for these products.

Start optimizing your compressed air system by contacting your business development manager today.

Success Story

At one facility there were over **40 leaks** in the compressed air system, each one wasting approximately **$434** per year in electricity consumption. By fixing all the leaks, the company was able to save **$17,375** per year, or about 230,000 kWh.

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