

Find & Fix® Compressed Air Program Case Study

Less leaks, more savings

Every compressed air system has leaks, and left unfixed they can have serious repercussions. Compressed air leaks can negatively affect system capacity, reduce production, use unnecessary energy and increase costs.

The DTE Find & Fix® Compressed Air Program provides rebates for finding and fixing compressed air leaks. Participating in the program is easy. Program benefits include increased system capacity, reduction in energy usage, and cost savings.

Project details: Aludyne

Aludyne is a leading global, vertically integrated manufacturer of aluminum, magnesium, and iron cast and machined automotive components, providing custom engineering and manufacturing solutions for safety-critical products. They are recognized as the #1 aluminum knuckle manufacturer in the world, with leading market shares in several key regions. Aludyne is the leading largest single integrated resource for high-quality, precision casting and machining solutions with manufacturing capabilities in key regions around the world.

The following energy efficiency improvements were identified, implemented, and verified through the Find & Fix® Compressed Air Program for Aludyne:

- Quick disc threads, hoses, hose connections, fittings, filters, regulators, valves, etc.



Project snapshot

Participant: Aludyne

Building size: 130,000 sq. ft.

Compressor size: 150 horsepower

Total leaks found: 403 CFM

Leaks fixed: 391 CFM

Estimated annual electric savings: 553,287 kWh

Project savings

Description	Cost (-)	Benefit (+)
Annual energy cost savings estimate		\$49,796
Find study rebate paid		\$6,326
Fix rebate paid		\$13,692

Total benefit including study cost: \$69,814

Get started today!

For more information on the DTE Find & Fix® Compressed Air Program, visit dteenergy.com/ffcompressedair, send an email to ffair.dteenergy@esciences.us or call 248.206.2420.

The DTE Find & Fix® Compressed Air Program is an important part of our energy efficiency initiatives through DTE CleanVision, our goal of net zero carbon emissions by 2050. Learn more about CleanVision at dtecleanenergy.com and the Find & Fix® Compressed Air Program at dteenergy.com/ffcompressedair.