

Case Study: BRENLO



The Company:

Brenlo is one of the top designers and manufacturers of custom wood mouldings. With over 10,000 toolings for custom profiles in stock, Brenlo can supply virtually any piece of woodwork for the carriage trade, custom homebuilder or millwork shops.

Founded in 1988 by a custom homebuilder with a need for custom trim, Brenlo is renowned for its ability to supply custom tooling and manufacturing services for designers and architects.

Brenlo's main air compressor used domestic cold water to lubricate, seal, and prevent the compressor from overheating. This use of cold municipal water for cooling purposes in an open loop (in which water passes through only once) provided an opportunity for water and electricity conservation and savings.

Water Savings Solutions:

Installed Air-Cooled Air Compressor

Brenlo replaced its water-cooled air compressor with an air-cooled unit with a variable speed drive. This type of compressor increased reliability and productivity, as well as helped meet energy reduction targets.

Economic Benefits:

\$8,245 annually based on water reducing measures, plus a one-time Peel rebate of \$4,500, which reduces the payback period to 1.32 years

Water Savings:

Prior to undertaking any water reducing measures, Brenlo used an average of 22 m³ per day or 8,030 m³ annually of water, according to pre - retrofit monitoring.

Brenlo now uses 18 m³ per day or 6,570 m³ annually of water.

Water Reducing Measures	Cost of Implementation	Cost Savings (Rebate)	Water Savings (L/day)	Annual Savings
Air-cooled compressor	\$15,399	\$4,500	18,000	\$8,245

I found that right from the initial talks the experience and results to be very pleasing.

Veritec did exactly what they said they would do. They came in and measured a month's worth of water consumption, gave me the estimated annual savings and rebate that we would potentially receive. We made the recommended changes and are now enjoying the savings. Thanks Veritec and Peel for your assistance.

Overton Smith, Operations Manager

Consulting services provided by

