

A.C.T. DUST COLLECTORS HELP FABRICATION AND WELDING SHOP OUT WEST CLEAR THE AIR

A customer of A.C.T.'s had a large weld fume application that needed dependable dust collectors for its multifaceted operation. The owner of the fabrication and welding shop knew he could count on the team at A.C.T. Dust Collectors to help. He chose A.C.T. for the team's service capabilities, machine quality, and the high importance placed on cultivating a strong relationship with its customers. Specializing in laser cutting plate and tube, sawing, forming, manual and robotic welding, CNC machining and more, the team in his facility depended on A.C.T. Dust Collectors to clear the air.

The customer purchased two [ACT 4-48 collectors](#) with 26,000 cubic feet per minute (CFM) fans. The system was designed for seven air changes per hour in the welding area. Variable frequency drives (VFDs) were installed to allow the customer to regulate the airflow as needed. VFDs ramp up the fan slowly and reduce the current draw. Power companies watch for current draw and

charge for spikes, so this can reduce a company's electricity bill. If welding at full capacity, they can run the system at maximum CFM, and on days when the number of welders is reduced, the customer has the ability to slow down the fans to clean the air and reduce energy costs.

As the facility out west expanded, so did the need for dust collectors. The company built an addition to expand its welding area and purchased another ACT 4-48, rated for 28,000 CFM and sized for seven air changes per hour. A VFD was installed on this system as well to regulate airflow.

This shop out west understands the importance of quality and knows he can count on the team at A.C.T. Dust Collectors. And as his company has grown over the years — from a two-man shop to more than 200 employees — his relationship with A.C.T. Dust Collectors has flourished in direct proportion.

