



Duro Dyne's EZ Connector System was used by Heritage Mechanical Services, An EMCOR Company, based on Long Island, NY, in the HVAC system in a new wing of a hospital in New York City.

The EZ Connector System is a one step process, saving up to 50%+ in installation time & costs in duct joint assembly work. The patented corners have a locking "teardrop" hole and patented bolt with built-in washer.

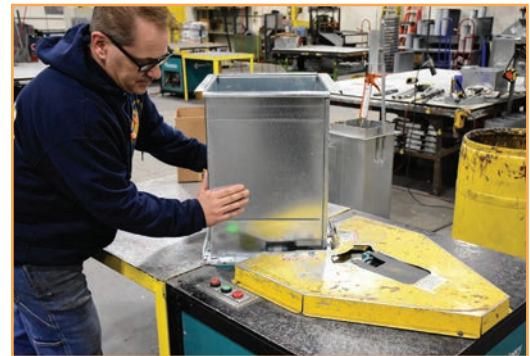


Rob Duerr and Brian Carros



The self-piloting screw tip easily aligns the corners - no Drift Pin or clamps needed!

Rob Duerr, Director of Drafting and Engineering, said, "Here at Heritage Mechanical Services we are always looking for new, safe innovative ways to improve the quality of our workflow. The EZ Connector System surpasses its competitors products with this installation system."



Brian Carros in the shop inserting corners into the ductwork.

We tested the EZ Corner to +6" w.g. with no leaks and actually put test rigs up to 8" w.g. and the corners still held with no leaks. The EZ corners worked flawless in our TDF/TDC machines with no adjustments required. Using the EZ bolt instead of 3/8" nut and bolt was considerably faster onsite when connecting ductwork. The EZ bolt has also eliminated the use of a drift pin to align corners. The EZ bolt pulls the corners together with a nice seal. Going forward we plan on using this corner on all of our projects!"



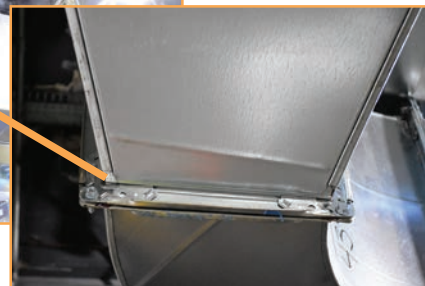
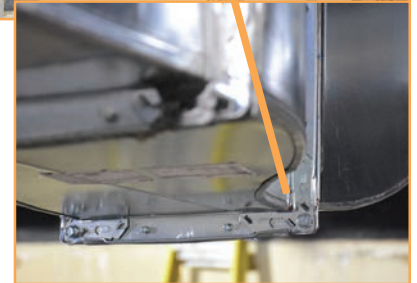
Heritage Mechanical built a test rig to test leakage for the EZ corners. They tested to 6" wg and had zero leakage and pushed to 8" wg with 0 leakage.



Brian Carros, Shop Foreman, said, "The Duro Dyne brand has always been synonymous with the highest quality in sheet metal accessories in the industry, so when I had the chance to test out the new EZ Corner System in our shop, I jumped at the opportunity. As the shop foreman for Heritage Mechanical Services I am always on the lookout for new products to help with efficiency and the Duro Dyne EZ Corner meets that goal. This stackable TDF/TDC corner works flawlessly in all of our automatic corner machines. No modifications needed to be done and the transition to these corners was effortless. The corner also utilizes the teardrop hole technology available on our coil line to help make the hanging of the duct even easier. I believe this corner will be the new norm when connecting TDF /TDC connections due to the time it will save!"

Stevie Zambryski, Field Foreman, said, "I've been doing this for 30 years now. I used it all day on Saturday and it's a lot quicker. Even if the corners aren't lined up, you can just run the screw in - it acts as a drift pin. Makes the job installing in the field easier and faster. I'm going to tell them I want this product on the jobs I work on in the future too."

Rick, Installer, agreed, "The longer screws work really well. As an apprentice, it looks good for me, because I can get the job done really fast."



Duro Dyne's Northeast Territory Manager Anthony Ferrara was fundamental in coordinating and organizing this case study project.