

## **The Dyna-Tite KV Bracket**

Traditional methods of hanging spiral ductwork such as threaded rod and band iron are becoming a thing of the past as contractors discover the ease of cable lock and wire rope suspension systems. However, what about rectangular ductwork? While these new cable lock and wire rope suspension systems are capable of hanging rectangular as well as spiral ductwork, it has not been as widely applied for that use. The invention of the KV Bracket for hanging rectangular ductwork has changed that.

The patented KV Bracket, is an assembly of a Dyna-Tite Cable Lock with a specially designed duct attachment. This assembly allows the contractor to securely fasten the cable lock to the duct with sheet metal screws. The KV Bracket, with a working load limit of 150 lbs, features all the benefits of the standard Dyna-Tite cable Locks. These include a 5:1 safety factor ratio on all Working Load Limits and a release pin which allows for adjustments without the use of any special tools. Wire Rope is used in conjunction with the KV Bracket just as it would be with a standard cable lock. The wire rope threads through the opening in the top of the bracket into the cable lock and the locking teeth inside the entrapped cable lock engage the wire rope and secure the ductwork in place.

The KV Brackets have been sold all across the country and are currently being used to hang ductwork at a Military Pavilion

Facility in Leavenworth, Kansas. With five buildings being erected in the facility, they plan to use up to 2,000 of the Brackets. The Superintendent of the job, Paul Dreling from the P1 Group has used the KV Brackets on previous jobsites and plans to continue to use them in the future. American Metals in Lenexa, Kansas has been supplying the P1 Group with KV Brackets on multiple jobs since November of 2008 when the product was first introduced.

A similar project was constructed in Arizona by Tri-City Mechanical with the creation of the Good Year Stadium. The Good Year Stadium is the 2010 spring training home to the Cleveland Indians and the Cincinnati Reds. Tri-City Mechanical used KV Brackets exclusively for the stadium. Hercules Industries has been supplying Tri-City Mechanical with KV Brackets since the product's inception in 2008. They have since reordered the brackets for several consecutive jobs. With usage of the KV Bracket rapidly rising, this Dyna-Tite product is clearly a significant breakthrough in the area of duct installation.

