



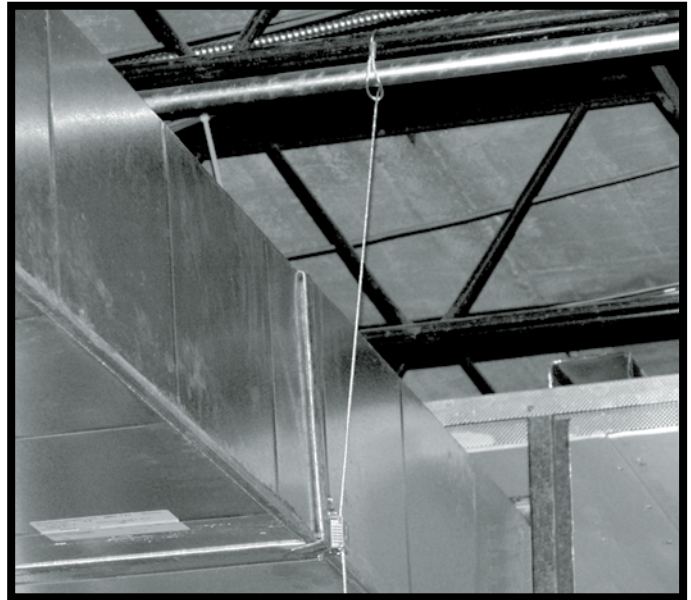
Patent #7,770,849

Duro Dyne and Mirage Mechanical partner for Duct Hanging Installation

Cable Locks and wire rope have been sweeping the HVAC market as the newest and fastest way to secure ductwork and equipment. This method has been shown to reduce installation time and improve safety at the job site when compared to traditional hanging methods such as band iron, perforated strap and threaded rod. Duro Dyne's Dyna-Tite product line encompasses everything you need to successfully hang ductwork including three different size cable locks with working loads up to 640 lbs, and a variety of accessories to accommodate virtually any application. Duro Dyne's latest breakthrough is the KV Bracket.

The KV Bracket enhances the Dyna-Tite suspension system by the addition of an integral bracket, which fastens the cable lock to the duct with sheet metal screws. Once the KV bracket is attached to the duct, the wire rope "drop" is passed into the entry hole at the top of the bracket, through the cable lock, and out the exit hole at the bottom. The locking teeth inside the cable lock engage the wire rope and secure the ductwork in place.

KV Brackets were recently installed in the New York Elmont Library as it was being renovated into office space. The installation was handled by the contractor Mirage Mechanical Systems Inc., a division of Blue Diamond Sheet Metal that handles light commercial projects. Robert Lawless owner of several accomplished HVAC companies including Blue Diamond Sheet Metal, Diamond Blue Mechanical and Mirage Mechanical, has been utilizing Duro Dyne Products since Blue Diamond's inception in 1983. They work closely with SW Anderson Sales, a New York distributor of HVAC products, to purchase Duro Dyne materials. After hearing about the KV Bracket SW Anderson salesman Brandon Boos, suggested the use of the new bracket to Al LaBella and Brian Sadenwater, Vice President and Supervisor respectively, for Mirage Mechanical. The install was planned as a three day project but was easily completed in two days. Mirage Service Technicians, Mike Anzalone and David Domena, had utilized the Dyna-Tite system before and were amazed at the labor savings. They were further impressed by the ease of the KV Bracket because it allows them to attach the cable lock to the ductwork while on the floor. Domena especially liked pairing the KV Bracket with Dyna-Tite's DuroLoop cable. The pre-sized lengths eliminated the need to measure and cut the wire on site. Overall 180 KV Brackets were used at the installation. Mirage Mechanical said they definitely plan to utilize the KV Bracket on future installations. The increase in labor savings, productivity, safety, and efficiency were readily apparent to all.



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