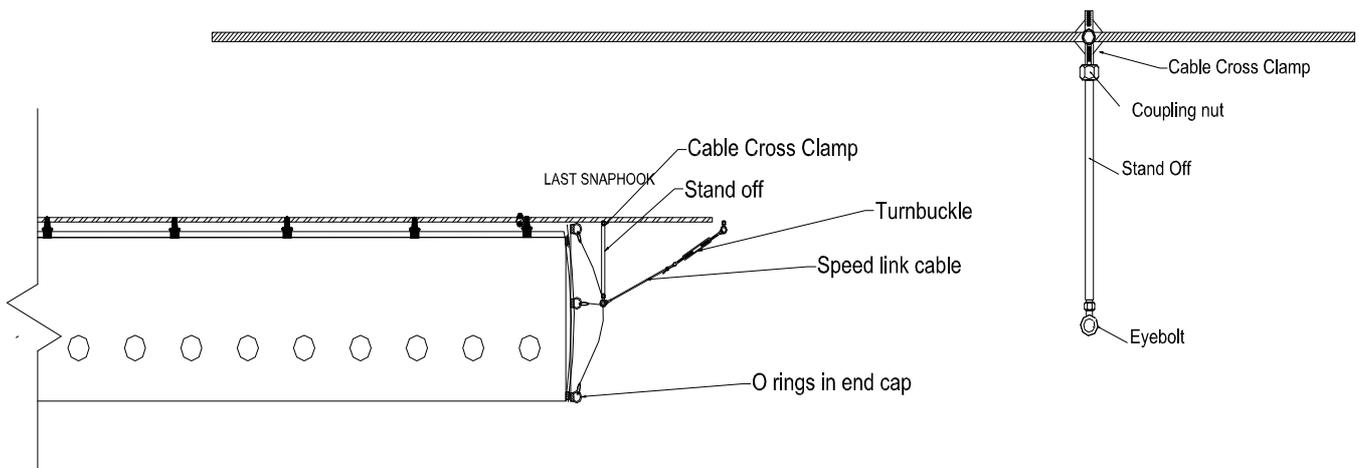# Halo Suspension Instructions for Cable

When using the Halo suspension system in association with the standard cable system follow the standard installation instructions for the cable suspension system. After the system is installed follow the directions in step three. The only difference in installation is the anchoring of the end cap. This is the key to keep the diffuser looking generally inflated when an air handling system is off.

The System is supplied with internal rings that helps keep the round shape of the diffuser. There is a zipper connection at each end of every duct section. To keep the fabric between the rings looking open there must be tension on the fabric.

First we recommend if possible inflate the system without the end cap anchored. Make sure the diffuser looks straight and there are no problems with appearance and no flapping. A cable clamp can be fasten to cable behind the last snaphook to help ensure the tension. (See step 4, startup)

Anchoring the end cap: The end cap is supplied with 4 -O rings and cables. Tension on the center point pulls the fabric tight and with the help of the internal rings gives the appearance of the diffuser being inflated when the air handling system is off. Fasten the two cable locks to the cables at 3 and 9:00 with cross cable supplied. Extend the turnbuckle out to its full length and connect to the O ring centered in end cap.

Now you can tighten up the turnbuckle to pull tension on the diffuser. Make sure the worm gear band at the beginning of the diffuser is tight. The option of screws through the band to the sheet metal collar is recommended. Next, turn off the air handler. The diffuser should look about 80% open or more. If not, pull on the end cap to adjust and tighten up the turnbuckle. You might have to adjust the location of the standoff and end cap anchoring system.

With the Halo suspension system sections can be taken down and washed if necessary without removing the rings. The diffuser has a zipper every 6' to 10' which makes cleaning easy.