

ShadeFX™ Canopies Inc.

Installation Instructions and Guidelines for Use

Thank you for purchasing a ShadeFX™ Canopy system to enhance your outdoor living experience. Before installing and operating the system, please view the installation video on line at shadefxcanopies.com/installation.

ShadeFX Canopies Inc. is not responsible for the structural integrity of the frame the canopy mounts to. That responsibility lies with the frame constructor. Please ensure full precautions are taken regarding the strength of the frame system to support the canopy, and for it to remain intact under negative (lifting) loads which can occur during windy conditions.

Caution - This system is not designed to support a snow load. Always retract the canopy for winter storage under the home eaves or under the canopy garage. Failure to do so may result in injury or death.

Caution - This system is not designed to support weight of any kind other than rain. Do not climb, rest, crawl, walk, hang or pull on the canopy, canopy wings, or the drive beam. Injury or death and damage to the system may result.

Caution - Always use a Ground Fault Interrupt (GFI) electrical source to power the motor and any other outdoor electrical devices to be used with the canopy system. Failure to do so may result in injury or death.

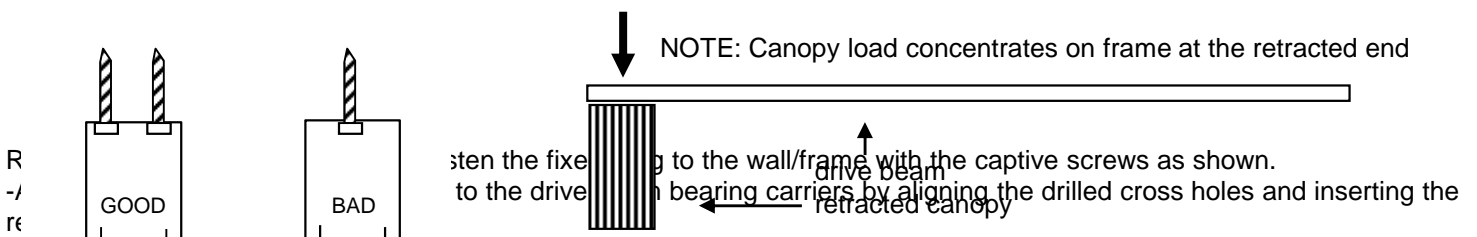
Caution - Do not block or restrict the free movement of the canopy wings in any way. They are designed to float freely at their respective ends and this is a key element to the long term smooth operation of the system. The electric motor DOES NOT have an overload reverse function. Therefore do not put fingers, hands, or any other appendages including hair anywhere near the belt drive mechanism. To do so may result in injury or death.

Caution - Always install the system with two individuals. The weight of a large canopy can be significant and the height of its installation may require a ladder. Always be mindful of your footing. When using ladders, read, understand and follow the safe operating guidelines associated with their use. Failure to do so may result in injury or death.

Caution - Although ShadeFX is designed to be used while extended in windy and rainy conditions it must not be left extended during storms of any kind. Retract the canopy system when winds exceed 35 mph. Failure to follow these guidelines may result in injury or death.

Installation instructions

Remove the Drive beam from the packaging and fasten it to the underside of the pergola frame with screws provided and according to the install options shown on page 3 of these instructions. Ensure all screws provided are fully engaged with the support beams/rafters the drive beam is being attached to. At each mount attachment point, use 2 screws side by side as shown below. Ensure the retracted end of the beam is capable of supporting the weight of the entire canopy system when wet and or covered/filled with snow and ice. As a guideline, a 16X16 canopy = 256 sq-ft. When retracted the canopy may weigh as much as 1.3 lb for every square foot of extended canopy, or 333 lbs. For the cord operation, locate and anchor all cord pulleys and tension and cinch the cord at the front (driven) bearing block. Cut off excess cord.



-Once all the wings are attached to their respective carriers, the canopy is ready for trial operation. To drive the canopy, either draw on the cord system, or plug the motor power cord into a GFI protected electrical outlet.

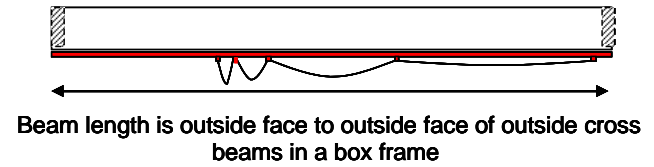
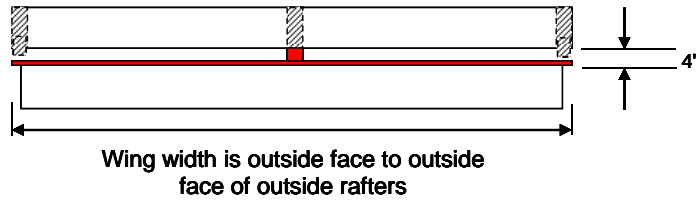
-Using the motor (by pushing remote control button) or manual cord (by pulling the cord), extend the canopy fully allowing for the it to stop by itself at the end of the track, or at the factory preset limit switch location (motor). During movement of the canopy ensure there is no undue restriction or blockage of its free movement. Once stopped, return the canopy allowing it to stop by itself at the fully retracted position.

-Provided the canopy extends and retracts smoothly, stopping at the right place when fully retracted or extended, you are now ready to enjoy the outdoor living lifestyle that ShadeFX provides.

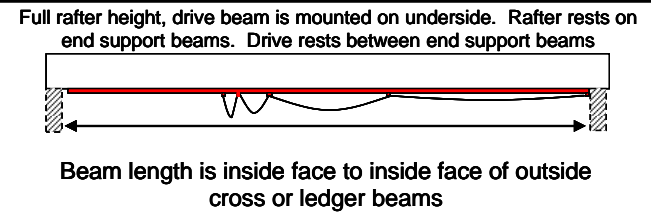
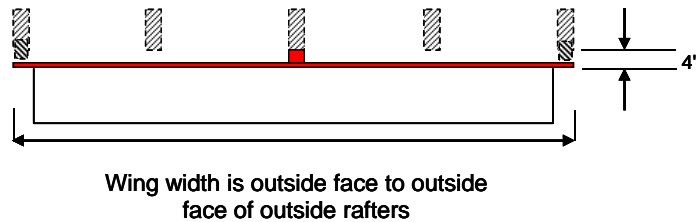
Front

Side

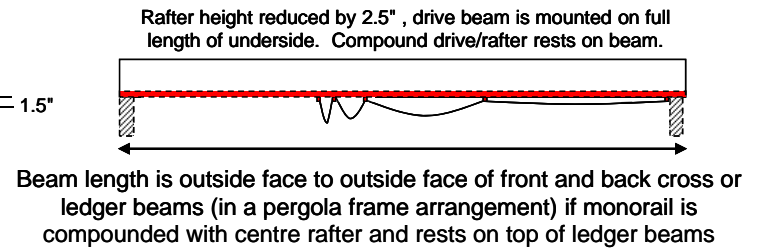
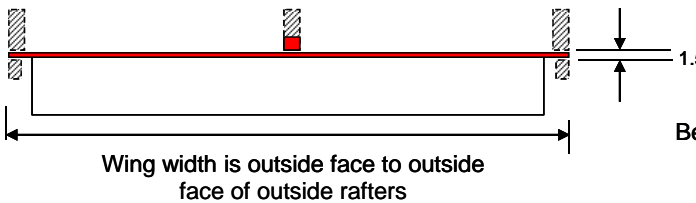
A - Box Frame



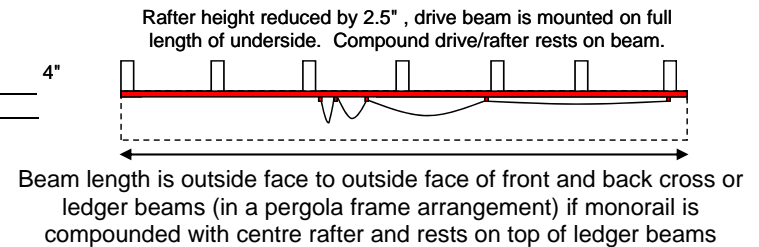
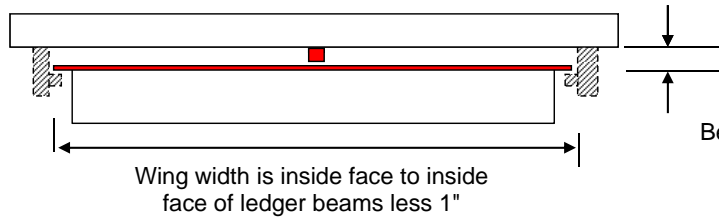
B - Pergola Frame



C - Pergola Frame

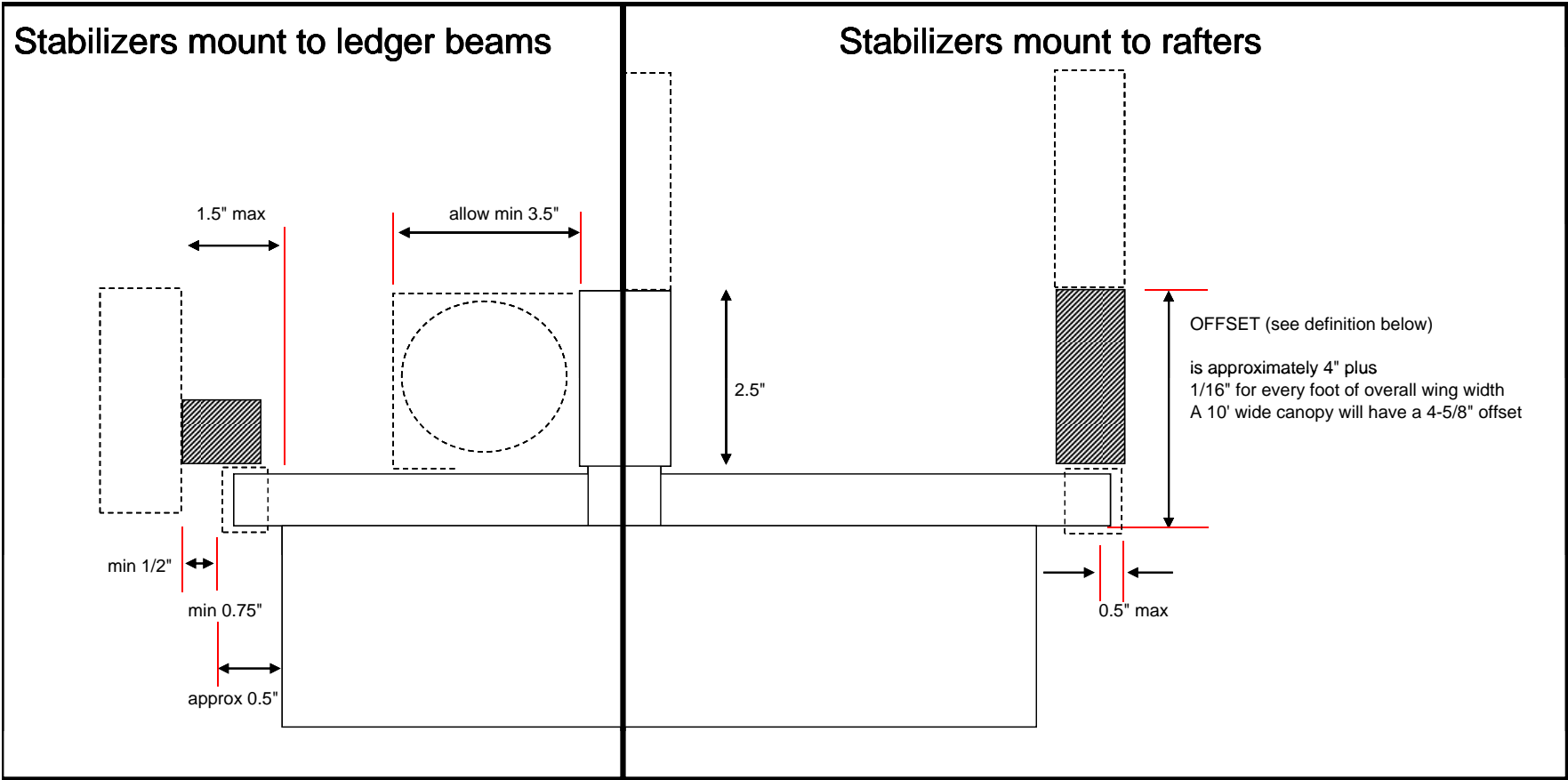
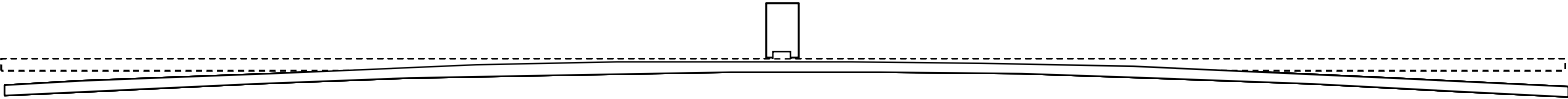


D - Pergola Frame Perpendicular to rafters



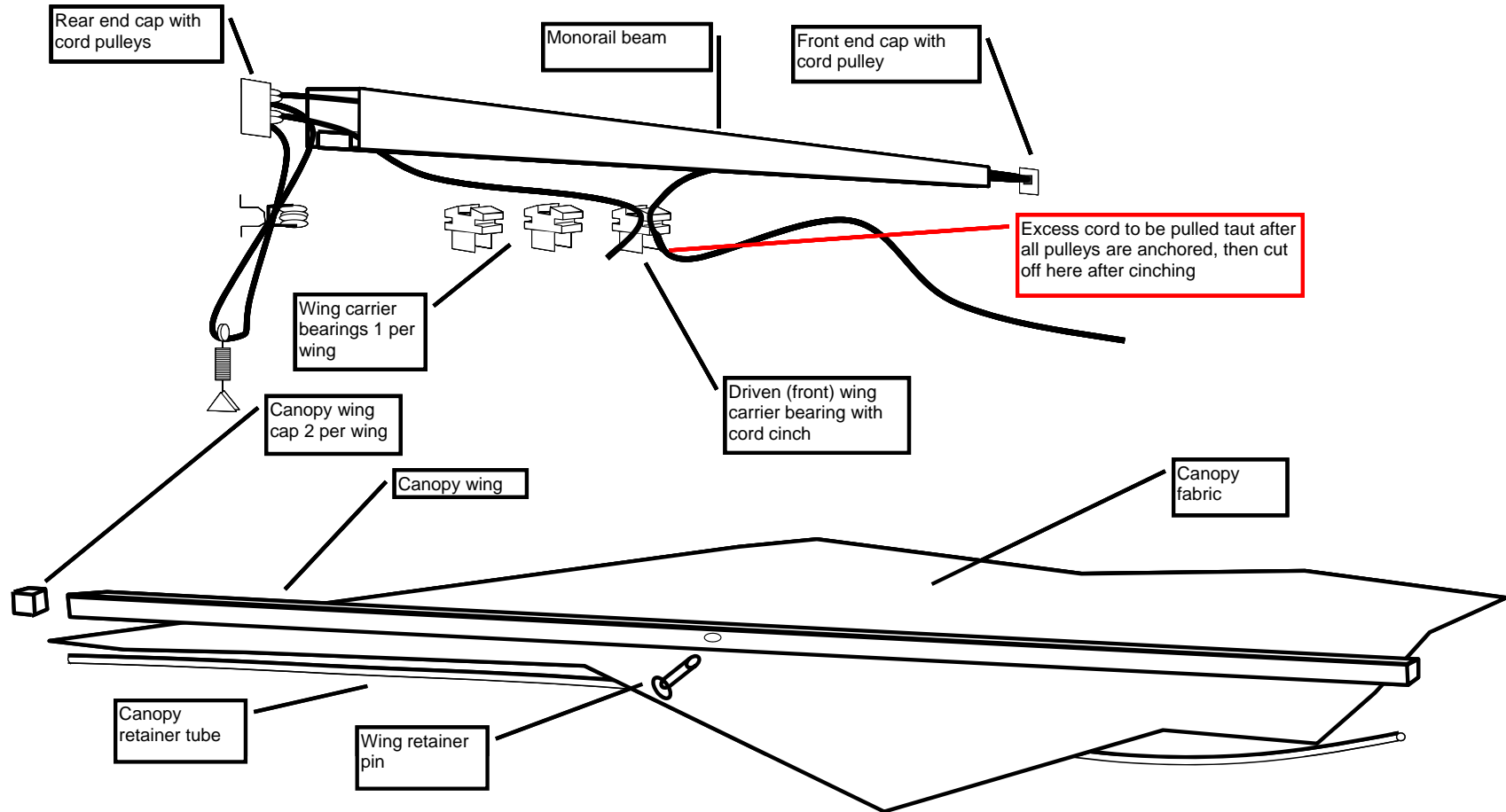
ShadeFX™ Installation Guideline

Theoretically, the wing is horizontal as shown below in a dashed outline. Actually the wing will droop due to its weight as shown in the solid outline. This is a key installation feature to ensure water does not pool in the middle of the canopy when exposed to rain.



ShadeFX™ Parts Diagram 2008

Call 905-528-4448 for technical assistance



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