

## Instruction Sheet For Econo Hinge

Econo Hinge Kit Includes;

(2) Econo Style Hinge Systems w/ 5/16" Bolts. (8) 1-1/2" Hardened Self Tapping Duct Screws. (2) 1/4" Bolts/Locking Nuts. (6) 1/4" Washers. (2) 1-1/2" Hardened Self Tapping Screws. (2) 48" Sections of 150lb (Tensile Strength) Stop Chains.

### Pre-Installation

Make sure there are no obstructions that will be in the way of the mounting area on the duct such as electric boxes, conduits, brackets, etc. Check to be sure that the power supply conduit is in good condition and has adequate length for the fan to be tilted.

**1) Turn off the power supply at breaker box. Slide hinge onto fan base lip near the edge of your fan base as shown.**

**2) Once hinge is in the proper area, secure to fan base by tightening bolts, locking them into place.**

**3) Install lower portion of hinge to duct, using the self tapping anchor screws. (Four (4) per side)**  
Repeat steps 1-3 for other hinge.

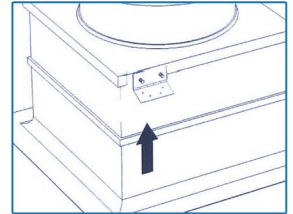
**4) (a) Attach stop chains to the outer edge of the front of the fan base (opposite side from the hinges) with the supplied 1/4" bolts, washers and lock nuts, after 1/4" holes have been drilled in desired areas. (b) Once stop chains have been installed on outer edges of the front of the fan base, carefully tilt fan back to desired hinging position (generally a 90 degree angle) and support fan safely in that position.**

**(c) Be sure to install lower portion of chain low enough, so fan will close. Fasten lower portion of stop chains at equal lengths to the front of the duct as shown (be certain to install 1/4" washers prior to fastening).**

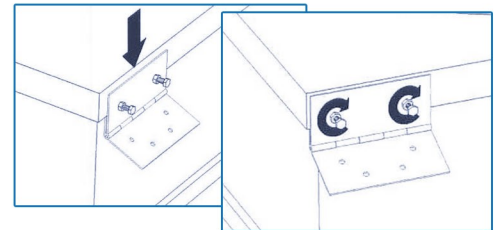
**(5) After all fasteners have been checked for tightness, test fan hinge assembly by carefully opening and gently allowing fan to rest on extended chains. Trim excess chain.**

The Econo-Hinge is not NFPA96 Compliant as it does not include a Service Hold-Open Retainer. The Chain is designed to keep the fan from falling onto the roof when opened, not hold it open during service.

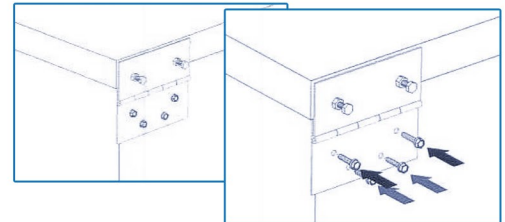
(1)



(2)



(3)

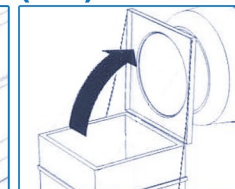


(4)

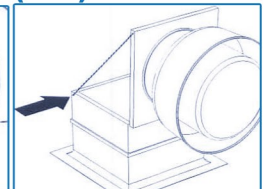
(4-a)



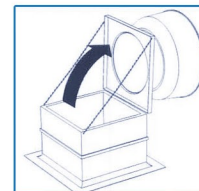
(4-b)



(4-c)



(5)



**NOTE: Never allow fan to fall back on stop chains, as breakage may cause serious damage to fan**