

The following installation details apply to models AC-41, AC-42, AC-45, AC-46, AC-51, AC-52, AC-53, AC-54, AC-21R and AC-25R

Application

The Pull Chain Operator employs a double loop chain with a dual crank arm to adjust commercial control damper position for applications where access to a standard manual locking quadrant is difficult. The pull chain operator can be installed on dampers with both direct drive and jackshaft configurations.

Standard Construction

Material: Galvanized Steel.

Shaft Size: 1/2"

Chain Length: 25 feet

Options

- ☐ 316 SST
- ☐ 3/4" Shaft ☐ 1" Shaft
- ☐ 50 foot Chain ☐ 100 foot chain

Pull Chain Operator Field Installation

1. Rotate damper blades to fully open position.
2. Slide pull chain operator onto driveshaft (direct drive models) or jackshaft (jackshafted models).
3. Adjust pull chain operator so that the crankarm is rotated approximately 45 degrees in relation to damper blades. See Fig. 1.
4. Allow a minimum of 1/4" clearance between the damper frame or sleeve and all pull chain operator hardware.
5. Tighten set screw in pull chain operator shaft collar.
6. Test pull chain operator by cycling damper blades open & closed several times, ensuring there is no interference or binding.
7. If necessary, loosen set screw, adjust angle and/or clearance of pull chain operator, and re-tighten set screw until proper operation is achieved.
8. If desired, chain length may be adjusted by unscrewing quick link and moving chain link to appropriate position. Ensure quicklink is closed before operating pull chain.

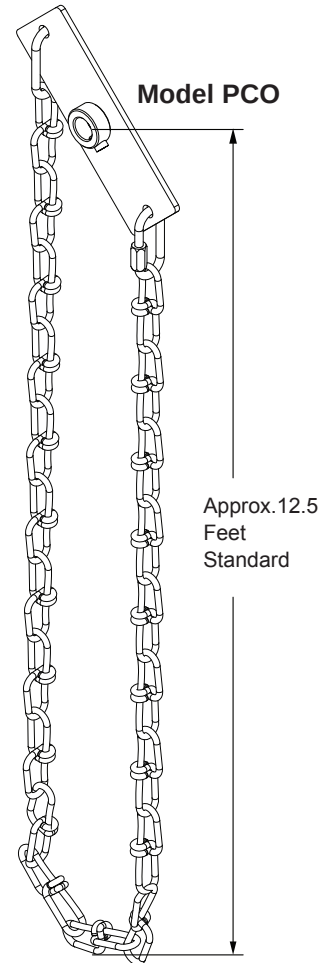
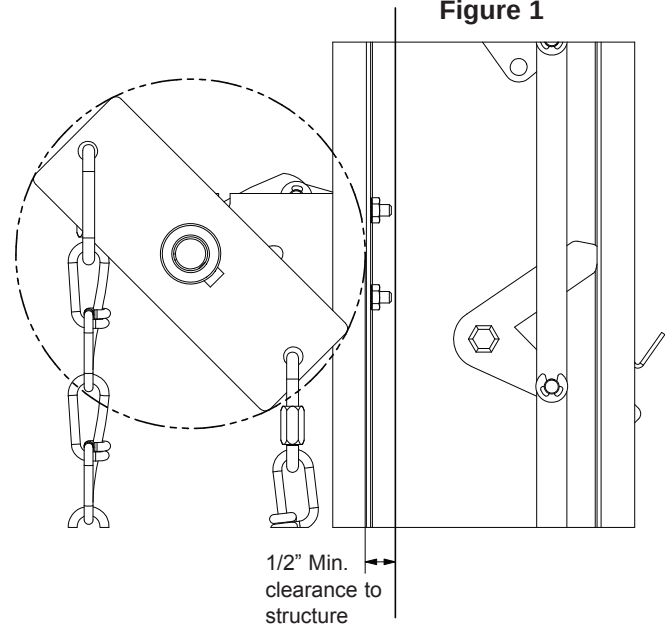


Figure 1



A minimum clearance of 1/2" must be maintained between the crankarm and any structure, walls, duct, or other obstruction.