CRAC Collar Start-up Manual

Complete these start-up procedures before powering on any Computer Room Air Conditioner (CRAC) attached to a Wright Line CRAC Collar equipped with dampers. CRAC collar dampers must be in the open position before powering on the CRAC.

Warning: Failure to complete the CRAC Collar Start-up procedure before every CRAC start-up can permanently damage the CRAC equipment and CRAC Collar.

Failure to complete the CRAC Collar Start-up procedure voids any and all warranties.

Applications
This document applies to all Wright Line manufactured CRAC Collars with Dampers.

Related Documents
- CRAC Collar Installation Manual

Prerequisites
- The CRAC Collar must be installed, tested, and maintained according to Wright Line recommendations.
Manual damper start-up
This section applies to CRAC Collars with manually controlled dampers.
Complete this procedure to open manual dampers before operating the CRAC.

1. Remove the tool-less access panels.

2. Make sure that dampers are in the fully open position.

3. Replace the access panels.

4. With the dampers fully open, power on the CRAC.

The manual damper start-up is complete.

Electronic damper start-up
This section applies to CRAC Collars with electronically controlled dampers.

Note: Electronically controlled dampers require a time delay relay to power on the CRAC at least sixty (60) seconds after initiating the electronic dampers.

This procedure should be completed automatically to open electronic dampers every time the CRAC powers on.

1. The CRAC power on signal initiates opening of the CRAC Collar dampers, while the signal to the CRAC is delayed.

2. The CRAC power on is delayed for at least sixty (60) seconds while the dampers reach the fully open position.

3. After the dampers are fully open, power on the CRAC.

The electronic damper start-up is complete.