

Cabin Pressurization Units

Tronair recommends performing preventative maintenance on all Cabin Pressurization Units.

Model Number _____ Serial Number _____

Maintenance Performed By _____ Date _____

Before Each Use: Visually inspect unit to ensure all components are present and functional

- Check blower oil level
- Vertical speed indicator zeroing

After First Use:

- Drive belt tension (after first use, then adjust as required)
 - The proper tension is the minimum required to drive the load
 - Tighten the belts by adjusting the motor base until the belts feel alive and springy when struck with the hand
 - Ensure that the pulleys remain in alignment, both axially and in parallel, while adjusting

Periodic Maintenance:

- Lubricate Blower
 - Initial blower oil change – 6 months or 100 hours
 - Regular oil change – every 1,000 hours maximum
 - Bearing lubrication per Blower maintenance data
- Drive belt tension (after first use, adjust as required)
 - The proper tension is the minimum required to drive the load
 - Tighten the belts by adjusting the motor base until the belts feel alive and springy when struck with the hand
 - Ensure that the pulleys remain in alignment, both axially and in parallel, while adjusting
- Motor
 - Periodically inspect the motor for excessive dirt, friction or vibration
 - Dust may be blown from an inaccessible location using compressed air
 - Keep the ventilation openings clear to allow free passage of air
 - Make sure the drain holes in the motor are kept open
 - Grease or oil can be wiped by using a petroleum solvent.
- Clean intake air filter

Annual (12-Month) Maintenance:

- Calibrate instruments
- Grease all lube points on casters
- Replace intake air filter