

www.val-co.com

Preparing for Spring Tunnel & Exhaust Fans

Preventative maintenance will keep tunnel fans and exhaust fans working better, longer.

There are some things to keep in mind as you begin the cleaning and prepping process:

- Always unplug the fan before performing any cleaning or maintenance.
- Never spray the fan motor directly with water.
- Run fans for at least 15 minutes after washing to ensure everything is properly dried.
- After removing shutters, store in a shed or other enclosure. Shutters vanes will warp when left in the sun.

To clean the tunnel & exhaust fans:

- ☐ Cut off power to the fan & unplug from power source.
- ☐ Use a brush or cloth to remove surface dust from shutters.
- ☐ Remove shutters. Optional: take outside and high pressure wash, both sides.
- ☐ Use brush or cloth to remove surface dust from fan motor, mounting brackets, blades, housing, and cone.
- ☐ High pressure wash housing and cone. DO NOT directly spray motor components.
- ☐ Check fan components for wear or damage. Re-tighten nuts and bolts.
- ☐ Check belt tension. Replace if necessary.
- ☐ Lubricate bearings with NLGI Grade 2 grease; approximately 3 squirts per bearing.
- ☐ Replace shutters.
- ☐ Plug in and run fan for at least 15 minutes.

We recommend following a maintenance schedule to improve fan performance and longevity.

Daily:
- ☐ Check that all fans are working.
- ☐ Check that shutters open and close properly.

Weekly:
- ☐ Clean surface dust from shutters.

Monthly:
- ☐ Remove surface dust from motor and fan blades.

Quarterly:
- ☐ Perform full cleaning procedure on all tunnel and exhaust fans.

Semi-annually:
- ☐ Remove dirt from controls and sensors.
- ☐ Inspect controls and sensors for proper function. Replace as necessary.

Yearly:
- ☐ Replace belt.
- ☐ Check fan RPM's.