

Maintenance - Industrial

Models: TFD | TSD | EHD | BPA | XPA

*Before any internal maintenance is performed be sure all power to unit is disconnected and locked out.

NOTE: Convenient Access Panels

Industrial models are equipped with access panels for inspection, cleaning or removal of motor blower assembly. This way, Individual motor and fan assembly can be removed without lowering the unit or lowering the bottom half of the unit.

- Periodically clean return air screen and re-cleanable filter (if equipped). The interval in between cleanings will vary per location depending on the amount of particles in the air. The holes in the screen must be free from obstructions to ensure that the blowers can get enough air to function properly. If supplied with a filter in place of an intake screen, remove filter, then flush with hot water or steam. Filters are made of rustproof aluminum or galvanized steel. After cleaning, allow the filter to dry before returning it to the unit.
- For units with a hot water or steam coil, while cleaning screens and/or filters, visually inspect the heat exchanger fins to ensure they are not clogged up or damaged.
- While doing routine maintenance, verify that the discharge steering vanes are adjusted properly. The steering vanes come pre-set from the factory and will not need adjusted in most cases. In some cases of extreme conditions such as that of high winds, the steering vanes can be adjusted to point further towards the outside to counteract the wind.

To adjust steering vanes, loosen screws on each side of the steering vane assembly. Rotate steering vane assembly to desired location and re-tighten screws.



- Periodically do a visual inspection on the unit to ensure that the unit is not damaged and is operating properly with all motors spinning.
- Industrial units (except for the TFD) will need to have the motors greased annually under normal operating conditions. Under extreme operating conditions the motors will need greased more frequently; ranging between monthly and quarterly depending on the severity of the ambient environment. There are two grease fittings per motor.
- For indirect gas heated units, maintain the unit heater per the manufacturer's installation and maintenance manual provided with the heater.

*Note that the air curtain blowers are direct drive so there are no belts to maintain.