GENERAL AIR PRODUCTS

DRY AIR PAC™

RECOMMENDED MAINTENANCE

Proper maintenance such as regular oil, filter, and desiccant inspections and replacements are vital to the life and performance of the Dry Air Pac™. If a service plan is implemented to follow these simple maintenance procedures, you can count on excellent performance and a long life for the Dry Air Pac™ and its systems.

Quarterly

The following checks are recommended upon quarterly inspections and as often as possible. See page 2 for a detailed maintenance checklist.

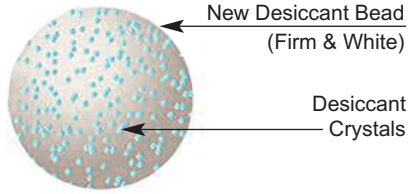
- Check for unusual noise or vibration.
- Check drain valve operation.
- Drain condensate from receiver and traps.
- Clean and inspect mufflers.
- Clean all external parts of the compressor and motor.
- Check oil level and inspect for contamination.
- Insure filter differential pressure gauge is in the green section.
- Inspect torque settings of compressor head bolts.
- Check for belt tension and wear.
- Tighten nuts and screws as required.
- Manually test safety relief valves.
- Check dryer cycle and purge settings.
- Inspect air system for leaks.

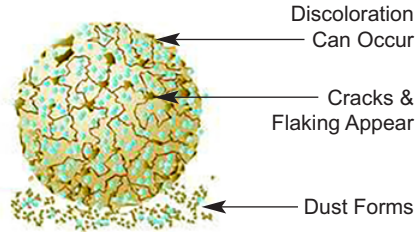
Annually

- Change Oil
- Change Filter Elements
- Inspect Desiccant

Every 3 Years

- Change Desiccant





As the desiccant will degrade (age) slightly over time, it is recommended that the desiccant be inspected once every year. Desiccant beads should be firm and white with very little dust. Under normal operating conditions the desiccant should last at least 3 years. Replace desiccant sooner if any yellowing or powdery conditions exist.

Maintenance Kits

KSMB01
Filter elements & 2 quarts of compressor oil

34006-50
50 lb bag of desiccant

KAMA01
Full maintenance kit including filter elements, 2 quarts of compressor oil & 50 lb bag of desiccant

Test Kit

DAP-TK
A self contained device for visually monitoring moisture in air streams.

IMPORTANT: Disconnect, tag and lock out power source then release all pressure from the system before attempting to install, relocate or service.
These instructions are based on normal operation, if the compressor is used in an excessively dusty area, increase frequency of maintenance checks.

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MAINTENANCE CHECKLIST

1	Check the run hours on meter in control panel and note in maintenance log. We consider very excessive hours to be more than 750hrs annually.
2	Isolate Dry Air Pac from the system. Use auto drain switch on the control panel to leak air until the unit begins to run.
3	While the Dry Air Pac is running: - Check the discharge for leaking oil. - Check the function of lights and gauges. - Towers will switch while the unit cycles. - The drying tower will read system pressure while purge tower reads 0. - After cycling the pressure will equalize.
4	Once its confirmed that the Dry Air Pac is cycling properly - POWER OFF and drain unit to 0 PSI.
5	Check each filter (Coalescing/Particulate/Intake). Unscrew filters from the bottom to remove. Check for discoloration, white powder or debris. Replace filter elements as needed.
6	Inspect the check valves, manual tank drain, auto drain and coalescing filter drain for debris.
7	Check the mufflers and clean or replace as needed.
8	Inspect oil and check level. Change annually or more often depending on frequency of runs.
9	Visually inspect the belt for tention, wear and debris.
10	Inspect the compressor head bolts. See manual for sequence & torque to 35 ft/lbs.
11	Inspect desiccant: Let a few beads out of each tower by briefly removing the lower plugs. Desiccant beads should be firm and white with very little dust. Replace desiccant every 3 years or more frequently as system demands.
12	Make sure the auto drain setting on control pannel is correct. (factory set to: 30min off / 5sec on)
13	Bring power back to the unit. The Dry Air Pac should begin to run. Leave the manual tank drain open and let the unit run for a few minutes while still isolated from the system.
14	Close the manual tank drain and let the Dry Air Pac cycle. Check gauges for the correct pressures (after cycling the pressure will equalize). Open valve to system.
15	NOTE: When the desiccant is replaced in both towers - run the Dry Air Pac for a ½ hour with the mufflers removed before letting air back into the system. This will allow desiccant to be conditioned to the proper dew point.